

Breast Augmentation Planner

**A step-by-step guide for researching and
planning breast augmentation.
Learn how to optimize your result and
avoid common mistakes.**

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Dedication

This planner is dedicated to patients that earnestly seek truth and facts about breast augmentation despite all the misinformation and confusion that surrounds the topic.

Disclaimer

The information in this planner is for informational and educational purposes only and does not constitute medical advice. It is not intended to be a substitute for consultation with a plastic surgeon or professional medical advice from your healthcare provider. You should always seek advice and care from your doctor to evaluate, diagnose, and potentially implement treatment.

The information contained in this planner (including the text, links, and references) is correct to the best of the author's ability to determine. The author has attempted to use credible sources and information but does not accept any liability for incorrect information that may be contained therein.

Preface

Congratulations on receiving your copy of one of the most helpful information resources regarding breast augmentation anywhere on the internet. This information is going to outline the entire process of breast augmentation from the point where you begin gathering information through the consultation process and surgery and even your recovery. This information will be invaluable to you and help you avoid common mistakes and misfortunes as you embark on this process.

I have written this as a resource to help educate my own patients so a significant amount of the information is "this is how I do it". I have tried to include information regarding many different techniques and opinions to help your education be complete. Obviously, I have developed my own preferences for some things after performing thousands of cosmetic breast augmentation cases. Other surgeons will have their own preferences.

Surprisingly there will be as many opinions as there are surgeons and this can be very frustrating as a patient trying to understand this information. Despite many advances in plastic surgery there are some fundamentals that, in my opinion, have never been fully understood. I will make a case for why my perspective and opinion is correct and has the potential of unifying surgeons' understanding and description of the relevant anatomy.

This planner gives you reliable and correct information and directs you to other sources for credible information. The problem that some patients face is that when they begin to look for information on the internet they don't know if the information they are getting is legitimate. I compiled this information for you to solve that problem; the information that I relate to you is reliable and the other sources I refer to are also trustworthy. I encourage you to refer to them to quench any additional desire for information.

I have also learned that this planner is very popular among women who are not going to be my patients. This planner has become known as an incredible resource for women who are trying to educate themselves. Despite 1/3 of the patients in my practice coming from out of state, not everyone can travel to have me be their surgeon. I am glad you found this resource to help gather important information. The sections about gathering information and the health risks and comparing your doctor's credentials will be extremely helpful. The sections about the actual surgery itself, and your recovery will likely differ (sometimes very significantly) depending on who you have selected as your surgeon. One of the key takeaways from this entire planner is that your choice of surgeon is going to have significant impact on your recovery and outcome. Choose wisely.

This information will give you the confidence you want to have when you choose your surgeon. By the time you browse through this information you are going to feel like you already know me and my experienced staff. This will make the decision to book your consultation with me seem like the next logical step. I have the experience that is required to make this process as enjoyable, comfortable, and safe as possible while providing you with the best possible outcome.

The date ranges listed in this planner are estimates only and cannot be relied upon for guaranteed visits or surgery. If you have a specific date in mind for surgery, I encourage you to start early and plan ahead. There are certain "busy seasons" when surgical appointments fill up earlier than others. My office staff will do everything possible to accommodate your desired timeframe but once the surgery spots are reserved there's not much that can be done.

This planner is not a substitute for an actual consultation, and it is not intended to replace a doctor's visit. I think you will be surprised just how much more information I relate during our consultation to help you understand the actual surgery even better. Between this planner and my consultation you will be extraordinarily educated and prepared to make decisions regarding your breasts.

I am excited for you to begin this journey and am grateful that you are using this planner to help guide you through the process. I am confident you will find this information helpful and informative. I am likewise confident that this information will empower you to be an informed consumer and advocate for yourself.

"Dr. Fryer's breast augmentation planner is amazing! It explains the entire process from start to finish in detail and it helped me make a confident decision. This planner is the most condensed information compiled into one convenient source anywhere on the internet."

—L.A. Blackfoot, ID

12-16 weeks before

For most women breast augmentation is not a spur-of-the-moment idea; you may have been considering it for years. You may have been informally gathering information from friends that have had this surgery or from the internet. About 3 - 4 months prior to your anticipated surgery date is when your search really needs to begin.

Even if you have been searching for and gathering information much earlier, this is when you really need to become serious. Much of the information that you have read or heard about previously may not be fresh in your mind. This is when you need to have all of your knowledge fresh and ready to assist you in your decision.

Additionally, you need to understand that not all information is of equal value and/or credibility. There is a plethora of information on the internet and social media that has significantly greater entertainment value than any real educational purpose. This is appealing and has potentially helped you develop greater interest in breast augmentation, but you should not rely on that as your primary educational resource.

This breast augmentation planner is invaluable because I'm going to give you all the information in a very compact format. I'm going to answer all the questions that you don't even know you should ask! It's like having a private consultation with a plastic surgeon in the comfort of your own home. Often patients will inquire, "What else should I be asking?" After performing thousands of cosmetic surgeries and consultations I am in the ideal position to help you know the most important information.

"Love, love, LOVE my results!!! I wish I would have done it sooner!"

--S.G. Provo, UT

This planner may help you think of some questions on your own as well, but I bet if you read this entire planner, you will find that I answer almost every question you can imagine. This information is compact and succinct and presented in a chronological sequence that is easy to understand and use. It is a fantastic resource to read through before your breast augmentation journey begins and then refer to the individual planner sections to help you understand what you're experiencing and what to expect next.

How to "Grade" the information you find

Not all information is created the same. Some of it is fun, some is helpful, and some is confusing. Not all information is correct, and not all information conveys helpful facts. Some information is wrong and can be insidiously deceptive. Some information is actually an advertisement masquerading as information. The difficulty is trying to determine which category the information you're accessing falls into.

The internet is a great resource for information because it is readily available and in a format that you are familiar with. You have now received one of the most comprehensive resources of information on the internet regarding breast augmentation. You are fortunate to have this planner because I'm going to help give you the knowledge and information that you need all in one place and organized in a helpful way! I am confident that there is no other single resource anywhere on the internet that comes close to being as helpful and informative as this planner. I am also confident that no other single resource is anywhere close to as exhaustive in the topics and information that I cover.

There is also a plethora of information on social media but it tends to be more entertaining than educational. There is nothing wrong with good entertainment and if you want to spend some time on social media be my guest. For many people this may be the resource where their interest was first piqued regarding some of the procedures. I discourage patients from looking for educational information down these rabbit holes, because whatever small tidbits of helpful information you may

glean are going to be quite heavily diluted. This is not the most productive use of your time when you are trying to educate yourself prior to making decisions about surgery.

Regardless of your source of electronic information you need to be an informed and educated consumer. Physicians recognize that some scientific information is more important and credible than others. This information is typically presented in reputable, peer-reviewed, scientific journals and whose conclusions are based on well documented data and validated statistical analysis. Other important information that physicians rely on include expert opinions and descriptions by key opinion leaders in the industry.

Sometimes this type of information is less available to you as a consumer due to access restrictions, and even if it is available, it may not be easily understood. I reference this literature throughout the planner and try to explain important concepts in “layman’s terms” so it is easier for you to understand. I also have the ability to discern between the quality of some publications which may be twisting or bending data to support their ideas. Having performed thousands of breast augmentations myself during my career I could be considered as a key opinion leader in the industry and will therefore share my own professional opinions. Many of the opinions I discuss are in various stages of publication in plastic surgery literature.

More frequently, however, consumers are exposed to “medical information” on the internet and social media that is of a more entertaining and illustrative nature. This type of information is very engaging and I’m confident that you have spent a significant amount of time perusing this type of electronic information. If you are careful, you may glean a speck of good information from these entertaining sources, but often the purpose is to entertain and engage you as a consumer, rather than to educate you.

As a patient you would be very leery of a surgeon that relied on YouTube for all their medical education. Don’t get me wrong, I doubt there is a physician still practicing medicine that hasn’t turned to the internet to access medical content intended to entertain the viewer, but do you really want that surgeon operating on you? Similarly, as a surgeon I would be very skeptical of a patient that relied solely on TikTok to educate them about their surgery. Now your emphasis should be shifting away from the entertainment content and toward the more educational subject matter.

Entertaining content can be found in places like YouTube, TikTok, and Instagram. Purely educational information is contained in medical textbooks, and credible, peer-reviewed journals. Neither of these extremes is very helpful to you right now. On the one hand entertainment cannot be a substitute for study. On the other hand, your access to, and understanding of, these purely educational sources may be significantly limited. If you have the means to access scholarly articles and the education to understand the textbooks and journals then you are likely going to find the information contained in this planner too rudimentary for you.

“Dr. Fryer’s breast augmentation planner was the best source of information I found anywhere! It has been invaluable as I’m preparing for surgery.”

–M.J. Elko, NV

The information of greatest value to you right now lies between those two extremes. This knowledge is available from national organizations ([American Society of Aesthetic Plastic Surgery](#), [American Society of Plastic Surgery](#), [Food and Drug Administration](#), and others), and from industry manufacturers (Sientra,

Mentor, Allergan, and others). Additionally, you can find online content in various healthcare forums that focus on patients as “consumers” of healthcare (WebMD, RealSelf and others), and on individual physician websites. There should be no informational bias from the national organizations as long as they are recognized by the American Board of Medical Specialties (more about that later).

Information gleaned from industry manufacturers, online patient forums, and even physician websites is likely to display some informational bias. Each manufacturer is going to tell you why their product is superior, and the same for each physician’s website. Online patient forums are also subject to information bias because some physicians pay for advertising that allows them to present their opinions and profiles more prominently than other physicians whose opinions and information could be just as, if not more, helpful than theirs.

Watch for this information bias in these sources and recognize it for what it is and use the information wisely. Yes, even this planner contains biased information because I have very strong opinions regarding breast augmentation, and I will share many of those opinions in this planner. I think I make a good case for why I disagree with other surgeons though, and my unique methods work astonishingly well for my patients. I think the biggest thing about this planner that sets it apart from other information sources though is how comprehensive it is in covering the subject matter. I have not found any other single source with this much educational information regarding breast augmentation available anywhere and my patients agree with me.

You need to familiarize yourself with surgical information as well as some special topics. Surgical information will include information about options of how the surgery is performed and the type of implants available to choose from. Special topics include some that you have undoubtedly heard about like safety of silicone implants, breast implant illness, and potentially other health issues.

As you begin your research to find information and choose a surgeon please be aware that any searches you perform on the internet are going to result in some information that is an advertisement, and not necessarily the best or most helpful information out on the internet. Once you know what to look for it is easy to recognize an advertisement as opposed to a web listing that ranks high on Google search engine because it has helpful, new, and fresh information. Advertisements are typically found at the top and bottom of each page in Google.

All advertisements include the word “Ad” or “sponsored” (usually on the second line, but I’ve also seen it on the first line) surrounded by a small round-edged rectangle. Click on the ads if you want (the doctor pays each time someone clicks on the add) but remember that someone is paying to get your attention. Advertisements can say or claim whatever they want-even if it is blatantly false. You are much better off relying on the information that ranks highly on Google search because of its helpful and informative content and not because someone is paying for the information.

To add more confusion to the process of selecting your surgeon, there are multiple doctors and businesses (notice I didn’t use the word surgeon) that advertise VERY heavily on Google pay-per-click that are not board-certified plastic surgeons, but the ad makes it seem like they have all the same credentials. I have even seen ads by doctors where the ad says “plastic surgeon” and “board-certified plastic surgeon” and I know for a fact that they are not plastic surgeons. This type of advertising is actually illegal in the state of Utah, but it happens so frequently that it is difficult to enforce. It’s like trying to ticket every car traveling 5 MPH over the speed limit on the freeway; there’s no way to enforce

it routinely. Bottom line, be aware of advertisements and recognize that some of the information that you are fed when you click on that link may be very misleading. This planner will help you recognize content that is more advertisement than it is information.

Equally fraudulent and disturbing is the trend of advertising by selling Groupons. This is a huge red flag and should be avoided completely. I had a patient come to me and report that she had purchased a Groupon for a particular service and called the doctor's office to inquire about redeeming the coupon. She had a funny feeling about things and was surprised by the very high cost the doctor's office quoted her before the groupon discount was applied. She was suspicious, so she had her adult daughter call the office and inquire about the cost of the same surgery, only the adult daughter told the doctor's office she was not aware of any groupon discounts. The office quoted the daughter \$1000 less for the exact same procedure! The groupon was pay \$100 to save \$1000 -- so the office was quoting all Groupon respondents \$1000 higher cost, so essentially they were just paying \$100 to THINK they were getting a deal. Be aware that this type of misleading and fraudulent behavior is unfortunately common in this industry.

Health Risks

As you begin your education you need to be aware that decisions you make now regarding breast augmentation will affect you for decades into the future. As you will learn, we encourage you to change your implants about every ten years. There are complications that can occur and some of those complications may require another operation or treatment to correct or control. You need to be fully and completely aware of all these issues as you begin to think about breast augmentation. Let's begin this process with some information regarding health risks.

Breast Cancer

I can't talk about health risks with breast augmentation without just mentioning breast cancer in general. Let's get right to the point on this: breast implants do not increase your chance of getting breast cancer.¹⁻⁴ That sounds like great news, doesn't it. Don't get too confident however because your lifetime risk of developing breast cancer is 13% if you do not have a genetically inherited mutation.⁵ That means that one out of every eight women will develop breast cancer in their life time. That also means that seven out of every eight women will not develop breast cancer; saying it that way makes me feel better.

The first thing I want you to know about breast cancer is that it is very treatable in most circumstances if it is detected early. If it is detected later then the chances of survival diminish. We want to find and detect it as early as possible. According to the American Cancer Society recommendations a woman at average risk of breast cancer has the option to begin yearly screening mammograms between the age of 40-44. Beginning at age 45 yearly screening mammograms should be performed.⁶ Having breast implants does not change those screening recommendations. Plan on getting mammograms whether you have implants or not. I hear women saying that they are afraid of getting mammograms because they think it will pop their implants. That may be true in *rare* cases, but if that occurs it is because the mammogram was the straw that broke the camel's back – your implant was going to break sooner or later anyway.

Self breast exams are controversial because there, “is very little evidence that these tests help find breast cancer early when women also get screening mammograms.”⁶ The next paragraph in that American Cancer Society document states that does not mean that self breast exams should not be done however and that there are some circumstances where they may be helpful. I, for one, encourage my patients to perform self exams because I think it can be helpful. Especially if you are below the suggested age to begin screening mammograms (age 40) then how else are you supposed to detect breast cancer?

The biggest problem with breast self exams is that no one ever tells women what they are supposed to be doing. We tell you to do the exam but give you no details and no education and that leads to confusion. Almost without exception when I ask patients about their self exams they say something like, “I have no idea what I’m feeling”. That’s why I don’t think breast exams are as helpful in the literature, because women haven’t been educated.

The best time to perform breast self exams is three to five days after your period ends. Your breasts are naturally less lumpy and engorged right after the end of your monthly cycle. Your breasts are lumpy and bumpy so you shouldn’t be trying to feel lumps and bumps because they’re all throughout your breasts. What you’re trying to ensure is that all the lumps and bumps feel the same; they should all compress slightly (like a rubber, bouncy ball). Some lumps will be bigger than others and as you become familiar with your breasts you will be able to recognize that the size will fluctuate slightly. All of that is totally normal.

What you are trying to find with breast self exams are “popcorn kernels” in the tissue; dense, hard lumps that do not compress. Hopefully it’s even smaller than a popcorn kernel, but it’s that same firm, noncompressible lump that you’re trying to detect. It may also feel “stuck” or attached to other compressible tissue or it can also feel rough and irregular shaped. Things that feel perfectly circular or oval are typically cysts that may also feel slightly firmer than normal breast tissue but they are also typically not as hard as a popcorn kernel.

I encourage you to do your breast self exams – especially if you are under the age of 40. Yes that’s pretty young to get breast cancer and that’s why screening doesn’t start until the age of 40. However, the youngest patient for whom I performed breast reconstruction after mastectomy for breast cancer was 23 years old. She didn’t have a family history of the breast cancer gene, she was just unlucky enough to develop a mutation in that gene on her own. Do your breast exams – and now you know what you’re trying to feel for.

ALCL

There is a strong association between breast implants (specifically textured implants) and anaplastic large cell lymphoma (ALCL).⁷ So strong in fact that the FDA has labeled this cancer with the monicker

“Dr. Fryer’s breast augmentation planner helped me understand more about the surgery than any other source of information I found. I knew I wanted him to do my surgery after reading it.”

--R.M. Nampa, ID

of “breast implant associated, anaplastic large cell lymphoma” (BIA-ALCL). This name displeased many national plastic surgery organizations because, although less common, other implantable medical

devices including orthopedic and vascular have also been associated with atypical lymphomas.⁸ This is an important condition for you to be aware of.

First-things-first: this is a disease that is strongly associated with *textured* breast implants. We are unaware of any cases of this disease when the patient was known to never have exposure to a textured implant. It occurs exclusively in association with textured devices,⁹ or a slightly different phraseology by the American Society of Plastic Surgeons: “To date, there are not any confirmed BIA-ALCL cases that involve only a smooth implant.”¹⁰ interestingly, the FDA summarizes the same data and information with slightly different language: “The risk of BIA-ALCL is higher for textured surface implants versus smooth surface implants.”⁷

If you aren’t considering textured implants, then this is likely something that you have very little to worry about. I don’t use textured implants in my practice as a general rule except in rare instances that are so uncommon they are not even worth mentioning for fear of information overload. Whether you are using textured implants or not, the risk for, and association of anaplastic large cell lymphoma with breast implants is important information for you to be aware of.^{7,11-16}

If you have had a textured breast implant in the past, then what is your chance of developing ALCL? That’s a great question, but the answer is not very straightforward. The simplest answer is: “it depends”. A much more complicated answer is anywhere from 1:355 to 1:30,000 depending on the situation and the type of implant texturing.¹⁷⁻²⁸ The implant with the highest association for ALCL was voluntarily withdrawn from the market in 2019.²⁹

We still don’t know for sure why the texturing of the implants is associated with this tumor. Theories include inflammatory reaction to the textured surface, particles shed from the surface, or increased bacterial contamination of the implants.^{30,31} The way I think about this is that especially since we don’t know exactly *why* this tumor forms around textured implants – all the more reason NOT to use textured implants. Some have even called to ban textured implants all together but some surgeons still have strong preference for these types of implants for some reason.³² I’m sure they have their reasons for using them just like I have my reasons for almost entirely avoiding them; I disagree with their reasoning. I do not understand why anyone would take any risk that isn’t absolutely necessary without a clearly defined benefit that you are achieving. I do not perceive any benefit that can only be achieved with a textured implant.

Symptoms of ALCL typically include unexplained breast enlargement, fluid build-up around the implant (seroma), palpable mass in the breast with or without a capsular contracture, or chronic rash of the skin.¹⁰ Surgeons will typically use diagnostic tools to determine if there is fluid around the implant that can be tested for signs of the cancer.³³ Having fluid around the implant does not mean that you have this cancer. Having fluid around the implant with any other symptoms should cause your surgeon to evaluate for potential abnormal tumor cells.

SCC

In March of 2023 the FDA updated information regarding other types of cancer that have been discovered in the scar tissue around breast implants including squamous cell cancer (SCC) and other, rare lymphomas that are not exactly the same as the ALCL. The term squamous cell cancer may seem more familiar to some people because it is the name of the second most common skin cancer in the

United States. As of the above date there have been reports of 19 SCC tumors and other lymphomas growing in the scar tissue (capsule) around breast implants in the US.³⁴

Most of the cases (95%) have been in people with a history (or potential history in the case of an individual that had a previous implant but no record of the surface texture) of textured breast implants. There has only been a single case (5% of total cases) where the patient was known to only have smooth implants.³⁴ This newer category of tumors tend to be much more aggressive and resistant to treatment than the ALCL discussed previously. There is no known cause, association, or risk factors because it is so new, and so rare. The American Society of Plastic Surgeons has a very helpful [chart comparing the difference between SCC and ALCL](#).

Other Cancers

Multiple studies confirm that breast implants do not contribute to the development of breast cancer^{1-4,35-48} and some actually purport a small risk reduction.^{1,41,46} Having implants does not change the recommendations for breast cancer screening.⁴⁹ It is important to note that having breast implants does make screening mammography more difficult for the radiologist to interpret but having implants does not necessarily delay the detection of breast cancer.^{50,51} I know that is a confusing statement. It is harder for radiologists to see all the breast tissue when a patient has implants and therefore they obtain more images (x-rays) of each breast to help ensure that all the breast tissue has been screened. The cancers detected by mammogram are at very similar stages between the groups with and without implants (therefore my statement that it did not necessarily delay the detection of the breast cancer).⁵²

Other types of cancer have been reported in the literature including cervical, vulvar, brain cancer and leukemia compared to the general population, but it is important to note that the authors of this paper explain in the paper that this difference is not causal and that other issues not measured or included in evaluation could be responsible for the apparent difference.⁵³ This is likewise difficult to explain, but numerous epidemiological studies have shown that women with breast implants have different demographics, habits, and lifestyle or reproductive characteristics compared to those without implants.⁵³⁻⁵⁸ It is difficult to read similar studies that show a relationship between breast implants and diseases and not immediately jump to the conclusion that breast implants *cause* those problems. That is one of the complexities again of scientific literature, just because two conditions are related (which is what these studies are saying) does not automatically establish a cause and effect.

BII & Silicone Safety

We have just reviewed a significant volume of information regarding things with which you may be completely unfamiliar or may have only very superficial understanding. It is important for you to understand those topics before we begin to address a topic about which you are likely a little more familiar: breast implant illness or BII. It is hard to research anything about breast augmentation on the internet without your search terms eventually returning stories about people who claim their implants were making them sick and then they had the implants and all the scar tissue removed and they immediately felt better. I cannot deny the fact that these stories are present on the internet, but you need to understand that they are just that - *stories* and not *data*.

The stories are very compelling and they seem to be permeating every corner of the internet and social media. Let me be very clear before we tackle this important subject that I am not inferring that these stories are lies or that the people relating the stories don't believe what they are saying. As a scientist, however, you must rely on data to make decisions and not base your opinions on anecdotes. The stories you read on social media and the internet, for the most part, are not supported by peer reviewed, reputable, high-quality research. I'm going to try my best to walk you through the information without overwhelming you with scientific terms to help you achieve a greater level of understanding of how some of the stories that you read may actually contain some facts, but how the data still supports the overall safety of breast implants.

"I can't believe how many wrong things I learned on the web about breast augmentation. It was freaking me out. The breast planner talked about all my concerns and helped me understand things so much better. I think that everyone should read it."

--P.M. Green River, WY

Let's begin by talking about silicone in general. All currently available implant shells (both saline filled and silicone filled) are made of silicone elastomers.⁵⁹ The fill material of the silicone implants consist of organic silicone called PDMS (polydimethylsiloxane) with varying degrees of cross-linking.^{59,60} The cross-linking provides greater cohesiveness and viscosity to the silicone that imparts a more realistic feel. The fill material for saline implants is a physiological saltwater solution.

These same "organic silicones" used in breast implants are used commonly in many different industries and for varying purposes. According to Wikipedia it is both inert (not chemically reactive) and non-toxic.⁶¹ It is the most widely used silicone material in the manufacture of cosmetics and personal care products and are found in contact lenses, shampoos, conditioners, lotions, cosmetics, personal lubricants, and moisturizers.⁶² PDMS is also added to many cooking oils to help reduce spatter and splashing during cooking.⁶¹ Breast implants are considered "biocompatible".⁶³ The organic silicones used for breast implants is commonly found in products all around us. Breast implants, however, should not be considered lifetime devices; they should be changed every ten to twelve years to help mitigate the risk of rupture.

When considering the safety of a product you need to differentiate *localized* from *systemic* complications. There are many well-described local complications of breast implants including rupture, displacement, rippling, and encapsulation. In fact the FDA has created an alphabetical list of 26 potential complications of breast implants⁶⁴ and links to complete lists of potential complications for each individual implant are available on the FDA website.⁶⁵ Your risk for needing future surgery on your breast due to local complications is far greater than your chance of needing a revision due to systemic symptoms.⁶⁶

Some systemic symptoms of breast implants are reported by the FDA, but read very carefully the full paragraph of how they are described: "Symptoms such as fatigue, memory loss, rash, "brain fog," and joint pain may be associated with breast implants. Some patients may use the term "breast implant illness" (BII) to describe these symptoms. Researchers are investigating these symptoms to better understand their origins. *These symptoms and what causes them are poorly understood.* In some cases, removal of the breast implants without replacement is reported to reverse symptoms of breast implant illness."⁶⁴ (italics added for clarity).

The FDA statement regarding systemic symptoms (often called breast implant illness or BII) is very vague indeed, but the key to the issue lies in the phrase, “These symptoms and what causes them are poorly understood.” The safety of silicone breast implants has been extensively investigated. Indeed few, if any, medical devices have been subjected to this degree of scrutiny.⁶⁷ Careful, scientific review of quality, peer-reviewed studies overwhelming supports the safety of silicone breast implants.⁶⁷⁻⁸⁴ A recent article that sites evidence for increased risks of certain systemic diseases⁸⁵ has methodologic and other scientific flaws that substantially reduce the meaningfulness of the claims when other scientists evaluate the claims.^{86,87}

This is the difficulty with scientific literature and data, unless you happen to be a scientist or physician yourself it can be confusing to discern exactly how meaningful the conclusions are. In the article mentioned above (Coroneos et al) they cite a greater chance of melanoma in women with breast implants compared to the general population. That sounds very scientific, but that does NOT prove a cause and effect. It could be argued (very scientifically I might add) that women that have breast implants are more likely to spend greater amounts of time in swimsuits which exposes them to larger amounts of ultraviolet rays which in turn could increase the rate of melanoma. The implants didn't cause or contribute to the melanoma, it was the behavior of sunbathing that led to the disease.

Another term less frequently used, but similar to breast implant illness is autoimmune/inflammatory syndrome induced by adjuvants (ASIA) syndrome. In many ways you can consider these as the same thing, but ASIA syndrome also includes other foreign materials and injected silicone. Not infrequently I see people borrow data from one to support positions or claims of the other.

Some may attempt to claim a greater risk to a patient's health if the silicone implant is ruptured. Such claims are not supported by scientific literature. Ruptured silicone (or intact implants for that matter) have **not** been linked to connective tissue diseases, breast cancer, or reproductive problems.^{67-69,88-90}

Now, how could there be elements of truth in these stories you read on the internet without that story being in direct contradiction with the data I have referenced? There are several different perspectives to consider. First, I need to reconfirm my previous statement regarding women relating symptoms that they attribute to their implants. Patients need to be given support and care when they mention symptoms and health concerns and personal (or scientific) opinions regarding the source of those maladies need to take a back seat to the overall care of the patient. I believe strongly however in the importance of offering support and options that give the highest level of care with the greatest chance of symptomatic improvement and the lowest chance of complication or risk. Even articles written from the perspective that BII should be a medically recognized diagnosis indicate that the pathophysiology is unclear, and that more research needs to be done to determine the best “biopsychosocial approaches” to guide treatment.⁹¹ I completely agree with that statement – we need to base our support for and treatment of these patients on scientific evidence.

There is a growing body of literature indicating that symptoms and reports of breast implant illness are *heavily* influenced by social media.^{69,92-96} Social media and internet is largely responsible for the nation's predominant familiarity with breast implant illness (for which there is no concrete data or proof), and relative naivete with anaplastic large cell lymphoma (ALCL – for which there is strong scientific association).⁹⁷ You have to be very careful where you are getting your information and how much credibility you assign that information. Social media can be very entertaining and engaging, but it should not be confused for reliable and credible information.

One perspective on this situation is that these patients were going to develop the symptoms or diseases whether they had breast implants or not.^{70,98} Several investigative papers show no change in the odds of developing autoimmune and other diseases in mastectomy patients whether their reconstruction was performed with silicone implants or with their own, autologous tissue or in women who receive implants for cosmetic reasons.^{59,76,79,85,99-107}

This would account for those individuals that accept the social media suggestion that they need to have their implants and all the scar tissue removed and despite following this recommendation they don't experience any change in their disease or symptoms. Depending on how you want to categorize improvement in symptoms there are as many as ¼ to ½ of patients that do NOT improve after implant removal and complete capsulectomy.^{108,109} One thing is certain: removing the scar tissue (capsulectomy in any of its forms) is NOT a benign procedure and carries significant, additional risks.¹¹⁰⁻¹¹²

Some have drawn parallels between patient satisfaction with their post-operative appearance to how they feel. In other words, the higher the satisfaction with the appearance of their breasts, the less likely they were to report negative systemic symptoms. This is a very difficult theory to validate scientifically and would require a very significant, coordinated effort to study. The difficulty lies in the possibility that one's perception of how they look can affect how they feel and vice versa. Confounding the difficulty in confirmation is the fact that these are self-reported symptoms without laboratory or diagnostic validation.

Yet another perspective is that symptoms can be psychosomatic in origin and the popularity of social media and internet may contribute heavily.^{67,92,94,113-116} The mind is a very powerful thing, and the power of suggestion is real. Information regarding breast implant illness is readily available online but the validity and scientific significance is not moderated and policed. For the most part, the information

"I think everybody needs to read Dr. Fryer's book. You learn thing you never even heard about before and it helps you make confident decisions. My entire experience with Dr. Fryer and his office from start to finish has been incredible and it all started with me finding this book. Read his book!"

--R.L. Idaho Falls, ID

is a nonscientific discussion trying to make sense of extraordinarily complex issues. If someone's symptoms related to their implants is purely psychosomatic then any intervention touted to relieve those maladies is likely to succeed if the patient believes that information to the same extent that they believed the information that led to those symptoms. The downside to this is that the most frequently touted intervention is total capsulectomy or "en-bloc" capsulectomy and this procedure carries significant risks.¹¹² Do you see the danger here? You are exposing a patient to significant risks undergoing an extensive surgical procedure to cure their *belief* of an illness.

The previous example would result in a patient reporting improvement in their symptoms after undergoing treatment. There is another potential situation in which undergoing treatment may result in improved health outcomes: biofilm. Bacteria behave differently when they are in the presence of an implantable device than when they are only associated with tissue. The implant (commonly just referred to as a "foreign body") offers the bacteria a way to shelter from the body's host defenses. The bacteria do this by producing a substance called biofilm that strongly attaches to the foreign body creating a "fortress" for the bacteria to occupy. Biofilm prevents the body's host defenses from penetrating and attacking the bacteria to eradicate the colonization. You need to understand that this is

not considered and “infection” because the level of bacteria do not increase to the point of creating classic symptoms of infection. Instead, this is bacterial contamination.

Bacterial contamination still produces foreign proteins that the body recognizes as being a problem and can activate the immune response, and this hypothesis could explain the claims of auto-immune issues.^{81,117-120} This effectively creates a scenario where the body recognizes a problem but the immune system is faced with an impossible task of eradicating the bacteria. The only way to resolve the issue is by removing the implant that harbors the bacterial contamination. If this scenario is the source of an immune response then only the implant needs to be removed since the biofilm is inseparably attached to the foreign body’s surface. The removal of the scar tissue surrounding the implant only increases the patients’ exposure to possible complications and adverse outcomes.¹¹²

This is a close-up photograph of a saline implant that I removed from a patient showing small calcifications attached firmly to the implant itself. I could not wipe or peel these calcifications off the surface without fear of tearing the implant shell itself. No, this is not biofilm, and the patient didn’t remove the implants because she was having any type of symptoms. Biofilm is invisible to the naked eye. I include this photograph just to help you understand that biological processes can firmly and permanently attach themselves to implants in the



Figure 1 Biological processes can attach to the surface of an implant.

body. This is a very uncommon finding and almost all implants that are removed have no visible surface irregularities. This hopefully helps you understand that if biofilm is attached to the surface of the implant, then simply removing the implant will remove the biofilm. That’s all that would be necessary to eradicate any symptoms possibly attributable to the biofilm.

One study was able to isolate bacteria in 36% of patients with symptoms of breast implant illness, a six-fold increase over control subjects.¹¹⁸ Although this study isolated bacteria by culturing the capsule around the implant and touts the effectiveness of removing the capsule in improving the patients’ symptoms one should not infer that complete capsulectomy is the only way to treat this. Instead, the body of the paper includes explanations of how difficult it is to separate the biofilm (and subsequently the bacteria) from the surface of the implant. It requires more sophisticated isolation techniques including sonication (a technology that is infrequently available), morselization of tissue fragments, and longer culture times.¹²¹⁻¹²³ Instead I believe that discerning physicians should infer that implant removal alone is necessary to resolve symptoms since the premise of biofilm is that it requires a foreign device or implant and that without it biofilm cannot exist.

In fact investigators have shown no difference in symptomatic improvement based on the type or extent of capsule removal and longevity of improvement is unchanged.^{124,125} I personally spoke to the authors when they presented these findings in a webinar and proposed that I didn't think that removal of the capsule offered any benefit at all. They replied that some surgeons involved in the research felt similarly, but that to fulfill all the aims of the study (which also included submitting enough capsule specimen for heavy-metal testing) at least a partial capsulectomy had to be performed. I predict that as we investigate further into device-related problems, potentially including breast implant illness, that we will increase our realization of just how frequently, and importantly, biofilm plays a role in complications. I similarly predict that we will be able to show that removal of the capsule is not necessary.

Despite my efforts to explain why I believe removing the scar capsule is unnecessary, there will continue to be those that believe it is extremely important. Other reasons why people continue to encourage complete capsulectomy include contamination by heavy-metals.¹²⁶⁻¹²⁸ We have very high quality publications that refute claims of silicone breast implants being the source for heavy-metal contamination.^{129,130} Instead, many other lifestyle choices including smoking, presence of tattoos, dietary supplements, and gluten free diets have been shown to have greater influence on finding heavy-metals in tissue samples than being exposed to silicone breast implants.¹²⁹

Older publications cite different chemical byproducts and toxins identified in tissue from the degradation of polyurethane foam coatings found on implants.^{131,132} It is important for you to understand that the FDA and others estimated that the lifetime risk of disease associated with these degradation byproducts was less than 1:1,000,000 or effectively null.¹³³ Despite these findings all polyurethane coated implants were withdrawn from the market in 1991. Articles referencing this information are still brought up today in support of toxin theories, but they are not relevant for the implants currently on the market.

I know this is a lot of information to digest regarding breast implant safety and all the claims made regarding implant-associated illnesses but it is important for you to understand the controversy and claims. One final statement that you may hear regarding implants is that all breast implants have a black box warning from the FDA. A black box warning is uncommon from the FDA, but indicates that a higher level of care and concern should be exercised when using that product. It is NOT an indictment against the safety or appropriateness of the product but rather a way to highlight the importance of vigilance and mindfulness. The final assessment of most researchers and the FDA is that breast implants are safe and that there is no conclusive evidence of any soft-tissue or auto-immune diseases other than those already mentioned herein.

Surgical information

Breast augmentation surgery involves placing an implant behind the breast tissue to enhance the size and shape of the breast. This involves selecting an implant (saline vs. silicone, smooth vs textured, round vs teardrop), careful placement of the implant either in front of (subglandular) or behind (submuscular) the large, anterior chest wall muscle (pectoralis major), by using one of several incisions. This is most commonly performed under general anesthesia but can also be done under conscious sedation in some circumstances.

Implants

Breast implants can be categorized by several different attributes. Most notable of these is the content of the implant, which can be either saline or silicone. Saline implants are filled at the time of your surgery to the desired volume with a sterile saltwater solution similar, if not identical, to the saline used when receiving an I.V. There is a range of optimal fill for a given saline implant so even though you have a 300 cc implant it may actually be filled to 325 cc. Saline implants are less expensive, and saline is physiologically similar to your body's own fluid so there are no consequences if it ruptures. In my opinion that is where the benefits of saline implants end.

Saline implants tend to “ripple” much more than their silicone counterparts. In fact, that is where the term “rippling” originates is from the characteristic sloshing or jiggling sensations present with saline implants. Additionally, the rounded edge or sides of the implant tend to fold or crease more frequently and to a greater extent. This creasing is like a slight scalloping of the contour of the implant. [Ideal Implant Inc.](#) makes an implant that utilizes baffles inside the device that help restrict the movement



Figure 2 Rippling or Scalloping of a saline implant can be felt through the tissue and sometimes seen.

of the saline and minimize the rippling of the implant edges and is a very attractive option for those that demand a saline implant. With greater implant complexity, however, comes higher cost and the volume and shape of these implants rarely suits my patients' desired sizes. Despite being filled with saline, the outside shell of all saline implants is still made of silicone.

There are many types of silicone implants available today each with its own different gelatinous characteristics. Since being reintroduced to the market silicone implants have become the more popular choice for breast augmentation because of the more natural feel.¹³⁴ Women with less breast tissue and thinner skin, as well as those that have experienced significant rippling with prior saline implants are likely to obtain more natural results with silicone-filled implants.^{134,135} Some studies have concluded that reconstructive patients' satisfaction with their breasts and psychological well-being is higher with silicone implants than with saline.^{136,137}

Another categorization of breast implants is based on their shape. Breast implants can be round or anatomic with each of those categories encompassing multiple different projections or profiles. Some surgeons have strong preference for anatomic or teardrop shaped implants claiming that this shape offers a more natural appearance. This claim seems logical since, after all, the name is “anatomic”. This is NOT, however, what we learn from looking at published literature.

There is no observable difference between round and anatomic implants in the literature. The two implants look different when they are sitting on a table; this fact is undeniable. After placement of the implant, however, neither plastic surgeon nor lay observers can tell the difference between them.¹³⁸⁻¹⁴¹ Even in breast reconstruction there is no difference in satisfaction between anatomic and round

implants.¹⁴² Another potential issue of anatomic implants is rotation, which is not an issue with round implants.¹⁴³ The potential for rotation is highly dependent upon the technique, experience, and skill of the surgeon with some surgeons complaining about this complication much more frequently than others.¹⁴⁴

All anatomic or teardrop implants have a textured surface to help reduce the likelihood of rotation. This introduces another way to categorize implants: textured versus smooth. Textured implants were introduced in 1968¹⁴⁵ with the intention of decreasing the incidence of capsular contracture.¹⁴⁶⁻¹⁴⁸ They have a slightly roughened surface similar to sandpaper and the idea is that the scar tissue that forms can attach to the irregular surface thereby increasing the surface area of the scar tissue. Capsular contracture occurs when the three-dimensional surface area of the scar tissue begins to restrict free movement of the implant; by starting with a greater surface area, it theoretically decreases the chances of it occurring. Since being introduced other authors have also claimed that the texturing helps to decrease the chances of malpositioning (also referred to as “bottoming out”).¹⁴⁹⁻¹⁵²

These proposed benefits of textured implants, decreased capsular contracture rates and lower risk for bottoming out, however are disputed by others.¹⁵³ Additionally, textured implants introduce other risks and complications that are not seen with smooth implants including double capsules, implant rotation, increased bacterial growth, and delayed fluid collections surrounding the implants.¹⁵⁴⁻¹⁵⁷ Textured implants have also been associated with anaplastic large cell lymphoma (ALCL); there has not been a single case report of ALCL in a woman whose implant history is known to include only smooth implants.¹⁵⁸ Some textured breast implant devices have been voluntarily removed from the market¹⁵⁹ and according to data presented to the FDA by implant manufacturers over 90% of all breast implants currently used in the United States are smooth.¹⁵⁸

Professionally I have not been a proponent of textured implants. The only circumstance in which I would consider using a textured implant is if I were to place the implant on top of the muscle (which I perform only rarely). Since the benefits of textured implants are debatable, and because they introduce known, and well accepted complications, I prefer to avoid their use altogether. For all the reasons listed above my strong professional preference is to use smooth, round implants.

Above or below the muscle

The implant can be placed either in front of, or behind the large chest muscle, pectoralis major. The descriptions of where the implant is located in relation to the muscle can be confusing to some people and it may be helpful to understand why surgeons describe things the way they do. It all has to do with something called “anatomic position” and standardization of relationships. The anatomic position is defined as standing upright with the legs parallel, face looking forward, and arms extended at the sides with the palms facing forward. All descriptions of relationships are based on this standardization.

An implant described as being subglandular means that it is “deep” to the glandular tissue of the breast. A submuscular (subpectoral) implant is deep to the pectoralis major muscle. The prefix “sub” does not

“Dr. Fryer’s book helped explain a lot of complicated stuff, so I felt better about my choice to get my breasts done. If you want to know everything that you can about breast augmentation then you need to read this!”

-- J.P. Duchesne, UT

mean “below” because that could be confused with “inferior”. These are the most common descriptions, but occasionally terms like “retropectoral” (behind the pectoral) “suprapectoral”/“supramuscular” (above the pectoral or muscle) are used.

The National Breast Implant Registry statistics for 2021 show that in the United States 93% of all cosmetic breast implants were placed behind the muscle (submuscular).¹⁶⁰ This is my strong professional recommendation to my patients with extremely rare exception. It would be too exhausting to read about all the benefits of an implant located behind the muscle; there’s just too much information. Instead, I will focus on the only downside to an implant behind the muscle and the only exception to my recommendation for submuscular placement.

The only downside to a submuscular implant is something called “animation”. This occurs when you flex your chest muscles strongly and the muscle then presses against the implant and causes the implant to bulge slightly to the side. When the muscles relax the scar tissue that has developed around the implant cause the implant to move back into the desired position. In extreme cases of animation, the muscle can pull or tug unnaturally on the lower breast skin and create an irregular shape or crease in the breast that is not present when the muscle is relaxed. This extreme example of animation is sometimes referred to as “window shading”. To help prevent this window shading and to decrease the total amount of animation I use a technique of implant positioning called “dual plane” in all my augmentation patients (more about that later).

The only time I entertain the idea of placing the implant above the muscle is in professional or Olympic athletes. Placing the implant behind the muscle does result in a loss of muscle volume and strength that might prove detrimental to their career.^{161,162} This loss of volume, however, does not translate into a permanent loss of strength for the average patient,¹⁶³⁻¹⁶⁵ but professional and Olympic athletes are anything but average by definition.¹⁶⁶ Having said this, however, I am aware of several professional athletes in my practice that have still opted for submuscular placement of breast implants when they are made aware of the benefits. One such athlete from my practice, a professional rock climber, still competes at the very highest levels of the sport.

To complicate things even more surgeons sometimes use terms like: complete submuscular, partial submuscular, dual plane, and subfascial. It is confusing to say the least for a layperson to navigate all these different terms especially since many of them are poorly understood by plastic surgeons. Not wanting to overly confuse you at this point I’m not going to go into great detail about this topic. **The illustration** will help you understand that all submuscular implants are technically partially submuscular *unless* specific steps are taken to mobilize the insertions of the serratus anterior muscle and that muscle is sewn to the pectoralis muscle to therefore create a complete covering of muscle (very few surgeons do this for cosmetic purposes, more may attempt this for reconstruction purposes).¹⁶⁷ I have not found a situation where I feel the benefits outweigh the risks for complete submuscular placement.

I use a technique called dual plane (a subcategory of submuscular) for all my breast augmentation patients. This technique was popularized by John Tebbets as a way of addressing, improving, and refining multiple issues with breast augmentation.¹⁶⁸ Dual plane utilizes a standard submuscular position but detaches a varying degree of breast tissue from the front of the muscle. This helps improve breast shape and characteristics in almost every cosmetic breast augmentation patient that I am aware of and therefore I perform a “dual plane, (partial) submuscular” approach on every patient. Dual plane doesn’t increase the recovery from, or the risks associated with breast augmentation.

Subfascial breast augmentation is when surgeons place the implant behind the lining of the muscle (*not* the muscle itself) thereby reducing the animation effect of the muscle.¹⁶⁹ The lining of all muscles is called the “fascia” and for the pectoralis muscle it is approximately 1 mm thick (for reference a dime is 1.3 mm thick). I have not encountered a situation in which I felt a subfascial position would be better than a submuscular position. Most comparisons in the literature compare subfascial against subglandular and claim that subfascial is better, but I am not aware of any literature suggesting that subfascial has any substantial benefits over submuscular, especially when compared against dual plane, submuscular.¹⁷⁰ Knowing all the data and the arguments, I will continue performing the dual plane technique.

Incision

There are three common incision placements for breast augmentation: axillary (armpit), periareolar (edge of the areola), and inframammary crease. Transumbilical (through the belly button) is also an option when using saline implants, but this is extremely uncommon and in my opinion is performed well by only a handful of surgeons nationally. I can understand a patient’s interest in not having a scar anywhere on the breast, but if the outcome of the operation is anything less than perfect, I think that in hindsight patients would rather opt for a small, discreet scar on the breast than a misshapen breast.

Incisions around the areola are the second most common incision location and are performed in 4% of all cosmetic breast augmentations.¹⁶⁰ This happens to be my least preferred incision location professionally. The benefit of this incision is taking advantage of the natural color difference between the skin of the breast and the areola. This can help to hide and disguise a scar in this location. If it heals well, it is truly difficult to see. If it does not heal well, it becomes the most obvious scar on the breasts. When patients come to me to fix other surgeons’ work, I have recognized that this incision can create an indentation at the inferior border of the areola that is quite conspicuous. Additionally, this incision has been implicated by some authors with increased bacterial contamination and capsular contracture rates even to the point where some experts have urged avoiding its use.^{122,171,172}

Incisions can also be made in the underarm area (2%) for breast augmentation.¹⁶⁰ The benefit of this incision is that there is no scar on the breast. The disadvantages of this incision is higher chance of capsular contracture,¹⁷³ although this is denied by other surgeons.¹⁷⁴ This is the confusing part of interpreting medical literature; how can two people write a paper and report two opposite results. This is where having significant knowledge on the subject can help because as a surgeon, I can look at the methods they used, compare data between two authors and answer to my own satisfaction which data I choose to rely on. Looking carefully at these papers and the outcomes reported by these authors I conclude that the armpit incision has a higher chance of capsular contracture. I have ruptured silicone implants while placing them through an axillary incision and therefore do not use this incision for silicone implants.

The incision at the bottom of the breast near the crease (inframammary) is by far the most common (about 90%).¹⁶⁰ This is my most preferred and commonly utilized incision for many reasons. Among those reasons are: shorter scar, direct visualization of the operative area (more about this in the next section), better control of implant placement, lower complication rates, and a scar located in an area that no one really ever sees.^{171,172,175} When was the last time you really looked at the crease of your breast? My point exactly.

Anesthesia technique

Breast augmentation can be performed with the patient under general anesthesia or conscious sedation. The debate between these two options has no definitive answer. Either method can be safe and effective; at the same time either can be unsafe and unpleasant if not administered correctly. In the state of Utah, the physician performing the procedure cannot simultaneously direct your anesthesia. This law helps ensure patient safety and good outcomes. If your surgeon is responsible for both operating and your comfort what do you want him/her to focus on if critical issues with both arise at the same time? Bottom line this is a patient safety issue and I agree with the intent and importance of the law.

Both sedation and general anesthesia are safe options for most cosmetic operations.¹⁷⁶⁻¹⁸³ Despite their very similar safety profile, in my opinion general anesthesia allows for increased patient comfort (and less surgeon frustration) when the surgery involves significant muscle manipulation such as elevating the chest wall muscle for breast augmentation or tightening the abdominal wall muscles during a tummy tuck. General anesthesia allows increased sedation and relaxation without fear of decreasing the patients' breathing. I personally prefer general anesthesia because my patients remain more comfortable during the surgery and the medications we use have the lowest risks of undesirable side effects.¹⁸⁴

Surgical technique

The actual surgical technique used can be categorized into two groups: electrocautery and blunt. Here, too, surgeons typically have strong preferences for one technique over the other. Each group has their

own reasons for using that technique, but it is interesting that both camps tend to cite the same reason why they prefer their method: "because there is less bleeding". I think they are both wrong (see below regarding surgical refinements pioneered by John Tebbetts, MD).

Blunt dissection is performed by making the skin incision and spreading through the tissue to identify the lateral edge of the pectoralis major muscle. After identifying this portion of the muscle the surgeon is able to insert a metal bar beneath the muscle (the lateral edge of the muscle has no bony attachments) and tear the muscle away from the bone. This is done by feel and by examining the surface of the breast as the pocket is created and the surgeon never actually sees what is taking place in the tissue. Proponents of this technique cite the tendency for torn blood vessels to spasm and decrease blood loss. This spasm must hopefully last long enough for the torn blood vessels to completely seal by clotting.

Electrocautery refers to using electricity to create the space for the implant by cauterizing through the tissue typically under direct vision. Cutting through a blood vessel even with this cauterizing technique can cause it to retract and continue bleeding and then the surgeon must search for the vessel to attempt and coagulate it. Once any bleeding is encountered it quickly obscures the tissue planes that

"My husband works with plastic surgeons throughout Salt Lake and Utah counties. He recommended that I have my breast augmentation with Dr. Fryer because of his precision, skill, and care and because of his fantastic outcomes."

-B.H. Salt Lake City, UT Physician's wife

the surgeon must carefully separate to successfully create the space for the implant. I have used both techniques hundreds of times and I believe that each method results in more bleeding than is desired.

John Tebbetts, MD was a brilliant surgeon that developed surgical techniques and principles that changed the gold standard for outcomes in breast augmentation in my opinion.¹⁸⁵ I spent a month in Dallas, Texas in a self-directed externship and had the privilege of spending some of that time with Dr.

“My breast aug recovery was so easy – more discomfort rather than pain! I was active the very next day and didn’t have any bruising at all. It was way different than my friends that went to other surgeons. I am so glad I found Dr. Fryer!”

--M.H. Rock Springs, WY

Tebbetts watching him perform surgery. Despite having completed over seven years of surgical training, I had never witnessed anything comparable to his surgical technique for breast augmentation; there was almost no blood loss whatsoever for the entire procedure. He used electrocautery, but he used it in a way that I had never witnessed before. The technique includes “prospective hemostasis” (predict and prevent bleeding before it even starts), direct visualization of the surgical field at all times,

and an absolute mastery of the pertinent anatomy. John was, without a doubt, one of the most gifted surgeons I have ever had the honor to learn from. He passed away in March, 2023. I am indebted to him because my contributions and refinements to breast augmentation would not have been possible without his pioneering legacy.

So why doesn’t everyone just use Dr. Tebbetts’ technique if it is that much better? Despite reading about it and watching him perform it many, many times it took me *years* before I could duplicate it. It was the most frustrating thing ever in my surgical career because I couldn’t comprehend why I wasn’t able to successfully implement his technique. It is because it takes years of dedication to those principles to master them. Most surgeons never achieve that level of proficiency with this operation. To date, I am aware of precious few surgeons that can claim that level of skill with this operation and most, if not all, of those surgeons learned the technique directly from John Tebbetts. I count myself very fortunate to be among those few surgeons who can perform the entire procedure with less than a thimble-full of blood loss total.

Many years ago, I performed breast augmentation on two patients on the same day that both had a clotting disorder called von Willebrand’s disease. This disease affects how well their platelets work and typically leads to very easy bruising and increased surgical blood loss. I took photos of the entire blood loss for each patient to show just how little blood loss is possible even for someone with a known

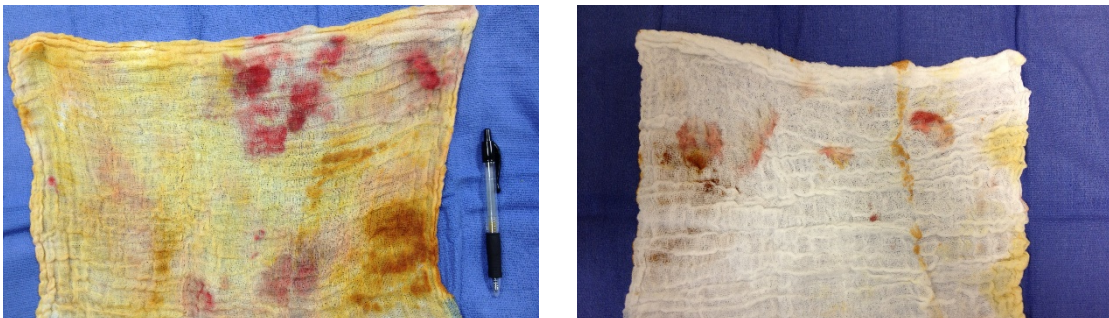


Figure 3 Total blood loss for two patients with the clotting disorder Von Willebrand Disease after breast augmentation.

clotting disorder. I included a pen in one of the photos to help you understand the scale and true size. The white cloths are called “sponges” and are what surgeons use in the operating room to wipe or remove blood from the tissue. The brownish discolorations are betadine used to help disinfect the tissue, and you guessed it, the blood is red. That is the entire blood loss for each of those two patients.

Internal Bra or Mesh

There is quite the excitement about the “internal bra” for breast augmentation. I am not a fan of using mesh in breasts. It has been sensationalized as the newest technique for breast augmentation and as achieving results otherwise not possible. The truth regarding the use of these mesh supports, however, is that they don’t necessarily work any better than other well described techniques.¹⁸⁶ So why all the fuss? Maybe because it sounds good. Or does it?

First, let’s look at the purpose of using the internal bra. It is used to help prevent implant malpositioning or bottoming out.¹⁸⁷ We’ve mentioned this already several times as one of the most common complications following breast augmentation. It is very understandable then that people are trying to do something to prevent this from occurring. It is also used to treat or correct malpositioning during a revision surgery.¹⁸⁸ They are trying to add additional strength to the tissue to treat the problem. And the final reason to use the internal bra or mesh....because you’re not proficient with the other well-described techniques for repositioning or repairing bottoming out. Even in the studies cited directly above supporting the use of mesh, the data that they quote do not achieve statistical significance for superiority over other, well-described techniques.

I do not use an internal bra or mesh for breast augmentation. My rate for malpositioning or bottoming out is significantly below the nationally reported data already and therefore I do not see a need or purpose. For many surgeons I think it is just a crutch they use when trying to reduce their complication rate. I achieve my lower rate for bottoming out or malpositioning by thinking about breast augmentation differently and thinking outside the box. I get lower complication rates because I don’t follow the trends or techniques that result in those problems.

I do not agree with how all surgeons have been taught to measure and size women for implants. Better said, I do not agree with how all surgeons *haven’t been taught* to measure and size women for implants. No one has ever determined an accurate, reproducible process to measure a woman’s breasts and chest wall. I will expound on this a little bit later when I describe my consultation process, but this is a critical point to make. I believe that surgeons start with the wrong implant dimensions and therefore have higher complication rates. More about my unique measuring and sizing technique later; I am currently in the process of publishing this method.

Another way to describe the issue is that they are trying to force implants to stay in place that are too wide for a woman’s frame. The tissue responsible for supporting the implants becomes overwhelmed by the size and pressure of the implant and the tissue stretches and gives way resulting in malpositioning and bottoming out. In my opinion the result was almost certain from the beginning because of erroneous planning.

Instead of rethinking the process and planning differently, surgeons are now trying to reinforce the tissue to strengthen it. I can understand how they might arrive at this conclusion, but in my opinion it

remains equally flawed. If the tissue is not strong enough to support the position of the implant by itself then suturing mesh to that same, weak tissue is also unlikely to succeed. To help you understand the problem a little better let's compare the tissue to a retaining wall. If a retaining wall is not anchored strongly enough to prevent earth from moving, then nailing a tarp on the inside of the wall isn't going to change the outcome; the earth is still going to move.

If it isn't already obvious let me just say it: I'm not a fan of mesh. Never have been. Now you might say what harm can come from mesh, just put it in there just in case it might help. Seriously? Let me list the reasons why you shouldn't just put mesh in there with the hopes of it helping. It's more expensive typically by thousands of dollars (I'm not going to give a reference here to support this claim because it is obviously true). Most of the information regarding complications comes from breast reconstruction literature and not cosmetic breast surgery, but the literature is clear that using mesh opens the door for potential complications. These complications include: infection (significantly increased risk), seroma (fluid trapped under the tissue), failure of reconstruction (the mesh didn't hold the position of the implant like it was intended), palpability of the mesh due to folds or stiffness of the material, overall increased cost, abnormal breast shape, patient dissatisfaction, and malpositioning.¹⁸⁹⁻¹⁹⁷

Some surgeons claim that it acts like a push-up bra to hold fullness in the upper part of the breast. That is intriguing theoretically, but it lacks substance in reality. Think about it for a moment comparing your breast tissue to rice in a bag. If you are trying to force the rice into the upper part of the bag you have to apply even more force at the bottom of the bag to create that fullness at the top. This has the unintended consequence of overly flattening the bottom part of the bag of rice. Do you really want to sacrifice the rounded full appearance and create an overly flat or angular shape at the bottom of your breast to achieve greater fullness at the top? I didn't think so. Once again, I'm not convinced that it achieves what people hope it would achieve.

Fat Grafting

Fat grafting to breasts has also been wildly popularized recently. Let me first say that fat grafting to breasts DOES work, so I am a believer in this treatment method. Let me clarify, however, that fat grafting to increase the size of breasts is rarely the answer that people hope it to be. The problem come down to two issues: not enough fat to harvest, and not enough space or volume into which the graft can be placed. The second issue is harder to understand and I will address that specifically soon, but first let's talk about the easier issues.

Not infrequently patients will inquire about fat grafting to breasts and when I look at their body there is clearly not enough fat that can be harvested to make a significant difference in the volume of their breasts. This happens because not all the grafted fat survives and not all the harvested fat is graftable fat. Each of those two steps reduces the amount of fat by a factor of two, so in all it is reduced by a factor of four. In order to increase the breast by 100 cc's you need to graft 200 cc's, and in order to graft 200 cc's you need to be able to harvest 400 cc's. And then unless you are planning on only grafting one breast you have to plan to harvest 800 cc's to get the 100 cc increase in each breast. This are approximations and some surgeons may use different conversion factors for their practice, but these are fairly standard for most surgeons. A significant proportion of my patients do not have 800 cc's of fat that I can readily obtain with liposuction.

There is no industry standard for how many cc's a typical bra cup size is, but there are some generalities to at least help you understand this a little bit better. One cup size increase in breast side typically

translates to 150 cc's of volume.¹⁹⁸ Although these authors (and most surgeons) agree that this is difficult to use as a planning tool for surgery and that often increased volumes are necessary to achieve what patients believe to be one cup size. More frequently I hear surgeons talk about 200 cc's as equaling a cup size. So, in other words to increase a cup size would be 200 cc's of fat that survives which means 400 cc's of grafted fat, which means 800 cc's of harvested fat, which means 1,600 cc's total to graft both breasts. That is a lot of fat to harvest on anyone. Most papers discussing fat grafting to breasts discuss average grafting volumes under 200 cc's (a half a cup size increase or less).¹⁹⁹

Even more difficult to understand is that you need space or volume into which you graft the fat for the fat to survive. Fat grafts survive by begging and borrowing oxygen and nutrients from surrounding tissue that already has its own blood supply. It takes 7-14 days for the grafted fat to develop its own blood supply and therefore survive long-term. If the fat must borrow oxygen and nutrients from vascularized tissue then it makes sense that you don't want grafted fat to be immediately adjacent to other grafted fat because it can't borrow from tissue whose survival is dependent on also borrowing tissue. The more spread out the grafted fat can be the greater the chance of survival.

Let's use another example here to help you understand it better. Let's use red marbles to represent tissue that has its own blood supply and yellow marbles to represent the fat we are grafting into the tissue. If you begin with a relatively small number of red marbles (vascularized tissue) then there is less possible places for the yellow marbles (fat graft) to be within those red marbles before you start getting yellow marbles touching other yellow marbles which adversely affects how many will survive. If you start out with a ton of red marbles (in which case you could then ask yourself why are you even trying to increase the volume by adding more marbles) then there are more possible places for yellow marbles to be so that they are completely surrounded by red marbles. I hope that example helps you understand the issue better. Ultimately you can maybe increase the overall volume of the tissue by a maximum of about 15 – 20% when you're all done without increasing the risk of complications.

Thinking about it another way, is all the expense and recovery worth a 15 – 20% increase in breast volume to you? Some surgeons propose to use both an implant and fat grafting to improve the shape and volume of the breast. Sure, I guess that's an option, but the fat grafting to the breast is going to be almost unnoticeable compared to the increased volume due to the implant. Why not just use a larger implant then instead? Some surgeons say they are shaping the breast with the fat graft. Sure, I guess that's an option, yet again, but if you are trying to say that you are shaping the part of the breast tissue to which the volume of the implant is not contributing then you are talking about the areas of the breast usually at the top or medial aspect of the breast. These are the areas where the implant has a more difficult time adding the volume, but those are also the areas of the breast where you have almost no native breast tissue and therefore don't have room to graft any significant amount of fat. You run into the issue of not having very many red marbles so you can't add very many yellow marbles.

Can you fat graft at the same time as using an implant? Yes. That doesn't however mean that I suggest that to my clients as the best or preferable option because I am not convinced that patients ever really notice the subtle changes that come from the fat grafting. In my opinion over 90-95% of the difference that they see is due to the implant. Oh, and by the way, even in published studies the risks and complications from fat grafting are over 25% with the majority of complications coming from fat necrosis and it's sequellae.²⁰⁰ Do you really want to increase your risk of complications just to get an extra 5% result? I didn't think so.

Other Magic

I can't predict what other magical surgical techniques surgeons will claim to have or develop in the future. There are things that work and that are well described in the literature and despite these things being well described and accepted doesn't however mean that all surgeons understand them or are capable of implementing them. My description of John Tebbett's surgical technique is an example of this. I have witness the difference that this technique makes for patients and despite it being well documented and described there are only a handful of surgeons that can duplicate it. If surgeons want to claim some other magic as their own you have to ask yourself the question, "Is it really better, or is it just trying to correct or compensate for some other fault or issue?"

I freely admit that I do things differently and that my ideas depart from what other surgeons think or believe or do. But the reason I depart from generally accepted principles and practices is that I believe they are all based on an incorrect foundation. My unique method for measuring and planning for breast augmentation corrects those misperceptions and I believe sures the foundation upon which all other techniques and principles of breast surgery are based. Fads will come and go over the years, but good surgical principles and practices will remain the same especially when they are based on a strong and correct foundation.

Research your surgeon's credentials

Arguably the single most important decision you make regarding breast augmentation is who you choose to be your surgeon. Unfortunately, internet resources are not always completely reliable because there is no internet police to keep people honest about the information they post. Misinformation comes not only from other patients who repeat unsubstantiated information that they have heard but also from physicians trying to advertise their practices. Unrealistic claims about results and recovery are all over the internet. Physicians will also make all kinds of claims about their credentials which sound fabulous but the reality may differ significantly. Not all information on the internet offers the same value for you as a consumer. You are going to be targeted by advertisements almost immediately after your first internet search about breast augmentation and you need to be able to differentiate information from advertising.

The internet is filled with information that can be helpful in this process. Unfortunately, it is also filled with information that can be misleading, unreliable, and potentially even fraudulent. I will try to give you reliable and credible resources to vet your information and to adequately research your surgeon's credentials. Do your research carefully; it is hard, and sometimes impossible, to fix a poor result.

Reviews

The most likely place for people to turn when researching Word-of-mouth is an important and reliable source of information regarding actual physicians and their outcomes. Almost 75% of potential patients indicate that reviews are their first-line choice for finding a new doctor and 70% consider positive physician reviews as "important" or "very important".²⁰¹ Typically, patients are going to tell you how it really is and not sugar coat things. Honest reviews can be therefore very helpful, but "bogus" reviews may be touting opinions (one way or another) that are not valid.

"My partner works in the OR and she told me about Dr. Fryer. She says he's the only plastic surgeon she would ever go to for a mommy makeover."

-- B.A. Sandy, UT

What's the difference between a valid review and a bogus one? A valid review is written by a patient that has undergone a procedure with a surgeon and gives an objective opinion about their experience with the surgeon and the office *and receives no compensation or incentive for that review*. Bogus reviews encompass pretty much anything and everything else.

Have you ever read a lengthy 5-star review about a product you're interested in and you get to the 27th paragraph and they say something like, "Full disclosure, they sent me this product free of charge in exchange for an unbiased review, but I can promise you that did not influence my decision at all to give this product my highest possible endorsement." This is an example of a "bogus review" in my opinion. There is no way that someone would write a glowing 27 paragraph endorsement of a random product like a backpacking pressure cooker unless they were obligated to based on the business relationship (receiving the product free of charge or at a significant discount).

The American Society of Plastic Surgeons Code of Ethics specifically prohibits this type of endorsement. "Each Member may be subject to disciplinary action, including expulsion, if: (G) The Member uses, participates in or promotes the use of any form of public communication containing a false, fraudulent, deceptive, or misleading statement or claim, including a statement or claim which:(7) Contains a testimonial or endorsement pertaining to the quality of the member's medical care or the member's qualifications if the endorser has been compensated by the Member or a third party retained by the Member for making such testimonial or endorsement."²⁰² Another questionably ethical practice I have heard of is having patients sign an agreement to not post negative reviews.

Sadly, this tenant is frequently bent, broken, twisted, or massaged trying to obtain endorsements, followers, influencers, and reviews to benefit a surgeon's reputation and/or online exposure. It remains just enough of a gray area that surgeons aggressively search for these opportunities. You must be extremely savvy when reading reviews based on social media influencers and number of followers etc. because you can't fabricate truth out of fiction by increasing the number of "likes" or by harnessing public opinion. The Netflix documentary "*The Social Dilemma*" offers a very somber warning: "The platforms make it possible to spread manipulative narratives with phenomenal ease, and without very much money." (- Renée Diresta, research manager of Stanford Internet Observatory, former head of policy at Data for Democracy)

And lastly the final type of bogus review is suppressing or deleting valid negative reviews. That's correct, there are businesses that specialize in trying to delete or manipulate negative online reviews even when the reviews themselves are completely valid. I get advertisements for these types of services weekly. I have seen these types of services employed, very effectively I might add, for a particular surgeon with a long string of very poor outcomes and very poor reviews. The way they suppressed these valid negative reviews is by manufacturing or creating large numbers of positive reviews that "buried" the negative reviews. These types of tactics are recognizable when there is a very large number of reviews in a very short period of time, and they will often leave only a star rating and no explanation. If they leave a written review the reviews are sometimes very poorly worded, with misspellings, poor grammar, or don't really make sense; they are sometimes written by overseas companies where English is not spoken as the primary language.

Although reviews are undoubtedly a good place to start when you are searching for a plastic surgeon, please use caution and be an educated patient and consumer as you gather your information. I can only speak for myself and my own practice, but I have never paid, bartered, negotiated, or traded for any

type of endorsement or review. I have never used a service to either generate positive reviews or to bury negative reviews. I ask for reviews but offer nothing of value in exchange. Patients that have written my reviews do so because of gratitude for excellent care and exceptional outcomes. I don't know my Instagram account password, I have no idea how many followers I have (let alone who they are or whether they are considered an "influencer").

I'm old school. If you have to do anything other than operate to get people to talk about your surgical skills then you might not have the surgical skills you claim to have. I'm very happy that my patients are happy enough to relate their experiences and outcomes in their reviews. I happen to have (overwhelmingly) more online reviews than anyone else in my specialty in the intermountain west area: 1,714 reviews (as of July 20, 2023) to be exact in the four review sites that are highlighted under a Google search for my practice averaging 4.9 stars. My patients do the talking for me.

One comment I hear repeatedly from my breast augmentation patients is how smooth and rapid their recovery was compared to some of their friends with whom they talked to. Every patient is a unique individual and each will have a slightly different recovery experience, but I think that the technique used for the procedure is a major factor in how they recover. I think my technique is distinctive because I can perform the entire procedure with almost no blood loss (usually less than a half teaspoon of blood loss).

Several doctors advertise "rapid recovery breast augmentation". It is funny to read the patient reviews about how their recovery went because their stories are anything but "rapid". The same goes for the "pain free" or "almost pain free" (enough complaints were filed that they had to stop advertising "pain free") breast augmentation. I would gladly compare my average patient to the patient of anyone who advertises those services and 9 times out of 10 my average patient will experience less discomfort and a faster recovery than those other doctors. The reviews of those doctors that advertise those outcomes so heavily say it all.

"Dr. Fryer has been phenomenal. The surgery was wonderful and the recovery was a breeze. I absolutely love the results! Dr. Fryer and his staff are amazing!"

—A.H., Logan, UT

Legal actions

Legal actions filed against the physician will typically give you an insight into the worst outcomes of that surgeon. All surgeons (and physicians for that matter) will eventually face a malpractice lawsuit at some point in their career. The fact that someone has had a malpractice lawsuit doesn't make them a poor physician but if they have more than several that should be telling you something. Surprisingly I cannot find documentation regarding the average number of malpractice claims against plastic surgeons. Despite not finding sources for this information I have heard that the average plastic surgeon can anticipate being sued once every 3.5 years. Don't quote me on that – I can't document a source other than that's the information currently in my brain. You can contact the county clerk's office in the county where the surgeon works and ask for a list of all malpractice suits filed.

In the state of Utah after filing a malpractice claim a prelitigation hearing must be scheduled with the Division of Professional Licensing (DOPL). The prelitigation hearing is conducted with a neutral attorney acting as the panel chairman, a neutral physician (of the same specialty that is being sued), a neutral

healthcare provider (typically a nurse), and a neutral layperson that hear the evidence of the plaintiff (patient) and defense (physician) and make of ruling of “meritorious” or “non-meritorious”. Meaning that the panel feels that the malpractice claim has merit, or it doesn’t. Regardless of the panel findings the patient can continue on to trial, but the prelitigation panel often times helps the plaintiff attorney determine the likelihood of winning a payout in court. Approximately 40% of all claims filed against plastic surgeons are dropped before trial. Over 70% of all claims against plastic surgeons are closed without an indemnity payout.²⁰³

Large payouts for malpractice could be considered worrisome since the majority don’t result in any monetary payments. Something even more worrisome is a physician that doesn’t have malpractice insurance. This is a bad sign indeed. It typically means that the surgeon is “not insurable” – no insurance company wants the liability, or that the cost to be insured is so high (because of the increased liability) that the surgeon makes the decision to not carry malpractice insurance. Surprisingly, this is something that attorneys may suggest to their clients to actually discourage potential malpractice claims. That’s right, attorneys are less likely to even file initial malpractice accusations against surgeons that don’t have malpractice coverage because they know that the chances of obtaining a cash payout are much lower. The attorneys then typically advise the doctor to arrange their financial holdings in such a way to shield their true wealth so that they can claim bankruptcy in the event that they lose a malpractice claim thus erasing the debt. Yes, this is completely legitimate and legal but it is not common unless the physician has been sued excessively or lost a large amount of money through their malpractice insurance. If your surgeon doesn’t have malpractice insurance this is one of the largest red flags you could ever come across.

DOPL actions

Perhaps even more worrisome than a physician that has had numerous malpractice claims, or even a surgeon without malpractice insurance is a doctor that has had disciplinary action from the state’s medical board or DOPL. I cannot emphasize this enough, you must ensure your surgeon hasn’t been disciplined or had restrictions placed on their license. Issues and violations that result in disciplinary actions or restrictions are extremely egregious in most instances but they don’t always make headlines so you still have to perform your due diligence. The problem is that by the time the medical boards take action there are already many unfortunate victims. You don’t want to be one of those victims.

First let’s just skim over some headlines. “Plastic Surgeon Convicted of Attempted Manslaughter over Death of Teen During Botched Breast Augmentation”.²⁰⁴ “TikTok-famous plastic surgeon has medical license suspended”.²⁰⁵ “‘Dangerous to the public’: Celebrity cosmetic surgeon suspended amid probe.”²⁰⁶ “‘Dancing Doctor’ agrees to two-and-a-half-year suspension of medical license, records show”.²⁰⁷ “New Accusations Against Plastic Surgeon Charged With Murder”.²⁰⁸ “TikTok plastic surgeon banned from performing cosmetic procedures”.²⁰⁹ “Orem plastic surgeon who kidnapped girlfriend gives up med license”.²¹⁰ “Indianapolis surgeon’s medical license suspended for 90 days”.²¹¹ “Ohio Plastic Surgeon Loses Medical License After TikTok Livestreams”.²¹² “Utah plastic surgeon gave kids saline shots instead of COVID vaccine in fraud scheme, prosecutors say”.²¹³

All I can say is, “WOW”! I am personally aware of disciplinary actions against other physicians that didn’t generate national headlines that are equally, if not more shocking than those above. Let me be clear that I am not trying to pass moral judgement on anyone here, and please remember that (at least in our beautiful country for which countless brave women and men have sacrificed to make and keep

free) all individuals are innocent until proven guilty. Some of the above headlines report on allegations, not convictions. Please remember that and take that into account as you consider these issues.

It is quite simple to determine if a physician has been sanctioned or disciplined in the past. You can check your state's division of professional licensing listings. You can [click here for that search feature for the state of Utah](#). [All other states](#) have similar search functions to both verify that a doctor is licensed and whether there have been disciplinary actions. I am not trying to say that every physician that has ever had disciplinary action against them should not be allowed to practice medicine. I am Christian, and one of my core beliefs as a Christian is that people can change. I truly believe that. It is an unfortunate fact of life however that recidivism (the tendency to relapse back into former behavior after experiencing negative consequences for that behavior) is a real phenomenon and should you choose to place yourself in that position you should at least do so knowingly.

Most of the doctors in the above headlines are not currently practicing medicine (notice I say most, because some of them are still actively seeing and caring for patients) so likely you're not going to be one of their patients. The problem is how do you avoid being a victim of a misguided physician *before* they are caught and their licenses have been suspended, restricted, or revoked? That is a question that no one can accurately answer because it involves predicting the future. There may be some similar threads woven through those headlines from which you can draw your own conclusions.

There is one thing that may have some benefit in predicting who is less likely to be involved in unethical or illegal activity that I have thought of. I am unaware of a single physician that was involved heavily in advocacy and leadership in state and national organizations that has had their license sanctioned or restricted. It makes at least a little bit of sense in my mind that the physicians that take the time to advocate for their profession and patients are less likely to be the ones that are bending or breaking rules. Physicians in state and national leadership roles are involved in creating policies, enforcing ethical boundaries, and protecting patients. I have been actively involved in leadership of the Utah Medical Society in various positions for over 12 years. The physicians with which I work shoulder to shoulder in those positions are not the ones that have their names in headlines for misdeeds.

[Board Certification and Society Membership](#)

Once someone graduates from medical school, they can set up a clinic and claim to be a cosmetic surgeon even if they have never had formal training in plastic surgery (or recognized training in any type of surgery). They would never be allowed to perform cosmetic surgery in a hospital, but that doesn't stop them from doing it in their own office. Unfortunately, that's the law and all we can do is help educate people about the problem BEFORE they make a very costly mistake.

No matter what you read or hear about a surgeon's credentials **if they are not certified by the American Board of Plastic Surgery (ABPS), they are not board-certified plastic surgeons**. There is no other board certification for plastic surgery recognized by the American Board of Medical Specialties (ABMS). If you want to find out if your doctor is a board-certified plastic surgeon you can [check here](#) to see if your plastic surgeon is board-certified.

"I used the information in Dr. Fryer's pamphlet and found out that two of the doctors that I was getting information on aren't board certified. I am so glad that I found Dr. Fryer. He has been so helpful and professional and I absolutely LOVE my results! Thank you Dr. Fryer!

--R.S. Salt Lake City, UT

There are many subtle ways that physicians will try to dance around this subject of board certification. Physicians can be board-certified in any of 24 different medical specialty boards and therefore if they are board-certified in any of those specialties they can claim to be "board-certified". In 2014 the Utah Medical Association sponsored legislation (senate bill 137) entitled "[HEALTH CARE PROFESSIONAL TRUTH IN ADVERTISING](#)"²¹⁴ trying to prevent physicians from using the title "board-certified" *unless* they indicated what their actual board certification was in. That sounds super unnecessary but let me give you some real-world examples of deceptive practices and advertising. A physician that was board-certified by the American Board of Family Medicine claimed to be a board-certified cosmetic surgeon. Another physician board-certified by the American Board of Oral and

Maxillofacial Surgery (*not* a part of the ABMS, but rather a separate board requiring a degree in dentistry, medicine, or both) claimed to be a board-certified cosmetic surgeon. There are *multiple* other examples that I am keenly aware of within a very small geographic area.

Two physicians sued the Utah State Plastic Surgery Society (USPSS) several years prior to this legislative effort because of a billboard campaign the society launched to help consumers understand the difference between cosmetic and plastic surgeons. The billboards depicted a tearful woman with the caption, "I didn't know my cosmetic surgeon wasn't a plastic surgeon." The suit alleged that the ad campaign, "questioned their credentials and was part of a conspiracy to drive non-ABPS certified surgeons out of the cosmetic surgery market."²¹⁵

The federal court dismissed the case on September 15, 2013 because the billboards were only informing the public that the two plaintiffs (and many others) were not plastic surgeons. The court also stated that the ultimate decision regarding whom to select as your surgeon is still the consumers.²¹⁵ I believe consumers can make educated choices about who to select as their surgeon, but in all fairness they should have full, complete, and unadulterated facts upon which to base that decision. (Coincidentally, the physicians that filed the antitrust suit against the USPSS have both had either actions or citations against their licenses.)

In my opinion any random person in the public reading that a physician is a board-certified cosmetic surgeon would likely think that the person was a plastic surgeon, when in fact, they are not. That's what this senate bill was trying to restrict, the deceptive practice of claiming a board certification for which one was not actually board-certified. The bill faced fierce criticism from representatives of the American Board of Cosmetic Surgery and the American Academy of Cosmetic Surgery (which openly states it does **not** certify cosmetic surgeons) arguing unfair restrictions for advertising. Interestingly, neither of these organizations is recognized by the ABMS, but their titles alone seem very legitimate and appropriate. The bill passed and physician leaders within the UMA celebrated. We thought we had decreased the likelihood that the public would be fed deceiving information.

The celebrations were premature, however, because the Utah Medical Society and the legislature did not see a glaring loophole in this bill. The bill doesn't prevent anyone from claiming certifications that extend beyond the scope of their actual ABMS training as long as somewhere on that list (and it usually

ends up being at the end of the list) they state their *actual* ABMS certification. This is incredibly difficult to understand and very difficult to explain.

Perhaps the best explanation comes from the [American Society of Plastic Surgeons \(ASPS\)](#) as to why it's important to differentiate those titles. You can check to see if your surgeon is a member of the [American Society of Plastic Surgeons \(ASPS\)](#), or the [American Society of Aesthetic Plastic Surgeons \(ASAPS\)](#) also known as "the Aesthetic Society" whose members specialize in cosmetic and aesthetic procedures). This can be confusing for everyone, so rest assured you are not alone if this seems difficult to comprehend. I am aware of a person that worked for someone claiming to be a board-certified cosmetic surgeon, and it wasn't until after they left that office that they came to realize that the physician wasn't actually a plastic surgeon. There are only two national associations dealing with plastic surgery that require their members to be board-certified: the American Society of Plastic Surgery (ASPS) and the American Society of Aesthetic Plastic Surgery (ASAPS).

Hospital Affiliation

Another way to help discern your surgeon's true training is to ask about their hospital affiliations and privileges. To maintain professional affiliations with ASPS and/or ASAPS, board-certified plastic surgeons must maintain hospital privileges. This is to ensure that if serious complications occur and the patient requires hospitalization that the surgeon would be able to continue managing the patient's care. This, too, is complicated though. I am aware of a board-certified ENT doctor (yes, recognized by the ABMS) that now claims the title of "cosmetic surgeon" and performs cosmetic surgeries in areas of the body not covered by their ear, nose, & throat (ENT) training. This physician performed a tummy tuck and the patient had significant wound complications, became septic, and required hospitalization in the intensive care unit (ICU) of the nearby hospital.

"I have worked with dozens of plastic surgeons throughout my career and Dr. Fryer is the only one I send my family and friends to."

--P.J. Holladay, UT (healthcare provider)

Confusingly, that surgeon had privileges at that hospital to perform surgery of the head and neck area, but not of the abdomen. The surgeon knew the operating room would not allow him to operate on a patient's abdomen, so he gathered surgical supplies together planning to debride (surgically remove) the necrotic tissue from the patient's abdomen in the ICU. A very astute nurse stopped the physician because she didn't recognize him so she contacted her supervisors and they quickly recognized that the surgeon didn't have hospital privileges to manage or care for abdominal wounds. That patient's care had to be transferred to the on-call plastic surgeon who rushed the patient to the operating room for the first of several additional surgeries.

Still, I know it is hard to imagine, if you have no other way of verifying your surgeon's credentials or board-certification, you need to ask if they could perform your surgery in a hospital and NOT in their office. Yes, I know they are going to say that we perform our surgeries in our own surgery center to help control the costs etc, but you must push the issue. Can they perform the surgery you are inquiring about IN a hospital. You see, hospitals will not credential a physician to perform procedures that are outside of the scope of their board-certification training because they do not want the liability. If a hospital won't accept the liability to let that surgeon perform your surgery in their facility, why would you want that surgeon to perform that surgery on you?

In addition to being able to check your surgeon's membership, the [ASPS](#) and the [ASAPS](#) have excellent websites filled with helpful and reliable information. These are excellent resources for you and when you are getting down to the real research and education (and not satisfied with entertainment alone) these should be sites that you frequently visit. The added qualifications and requirements to be a member of the "ASAPS" are outlined here: [added credentials of ASAPS](#). Check your surgeon's national memberships, you want them to be affiliated with organizations that attest to their members credentials.

Do they specialize

Even among surgeons that are members of the Aesthetic Society (ASAPS) and specialize in cosmetic surgery some surgeons specialize even further. There are a handful of surgeons across the nation that only perform facelifts and others that only perform rhinoplasty. Now, I can and occasionally do perform these procedures if patients request and I feel like my results are very comparable to most other surgeons that are in the Aesthetic Society. But if my family member asked me for my opinion regarding the best outcomes for a facelift or for a rhinoplasty, I would be naming those surgeons that have become ultra-specialized in those procedures.

I have ultra-specialized my practice in the "mommy makeover" procedures encompassing the breasts and trunk (tummy). Why? Because I believe that my patient outcomes are among the best that can be obtained anywhere. Surgeons that become ultra-specialized tend to be the ones that are pioneering new and better techniques. Surgeons that ultra-specialize have greater experience in those areas and may be able to maintain lower complication rates because of their experience and familiarity. I will discuss later in this planner several ideas and aspects of breast surgery that I no longer follow the way I (and everyone else) was taught because in my opinion there are better ways of doing and planning things. I also believe that my unique understanding of this anatomy helps to avoid some of the outcomes that patients do not want from their surgery.

"Dr. Fryer is the best! Everyone at my gym knows that if you want your breasts or tummy worked on then he is your guy. All his results are so natural and for people that like to work out it's really important that their breasts not make them look fat. Dr. Fryer nails it every time!

--E.P. Taylorsville, UT

It is reasonable to believe that someone that performs hundreds of breast augmentations a year is more experienced and more proficient than someone that has only performed a hundred breast augmentations in their career. Familiarity with and experience in surgical procedures is important in trying to avoid common complications and being able to adequately treat problems when they do occur. Having a surgeon that is a known expert in an area is very reassuring when you are making the decision to have surgery.

Before and After Galleries

Individual physician websites can be very helpful because they not only contain information, but they also usually contain before and after photos. Photo galleries seem to be a very popular place for people to browse through. I have one of the largest selections of [before and after photos](#) on the internet to help demonstrate my results. Before and after galleries are nothing more than the surgeons' resume of their work.

That is the way you should use the gallery; do you like their work in general or not? Keep in mind that your height, weight, and proportions will usually be different than other patients featured in the gallery, so avoid deciding about implant size based on before and after photo results. I will discuss my very accurate and predictable method for you to select your implant size later in this planner. Try to avoid the tendency to fall in love with a certain patient's outcome and then request "this result" from the surgeon. The gallery is just a resume and should be used to help you determine if you want to sit down with the surgeon to gather more information.

"I knew I wanted [Dr. Fryer] to do my breasts because I love his before and afters. All his patients look so natural and better than any others I've seen. My results are even better than I hoped for."

--R.L. Cody, WY

If you don't like the results in a physician's gallery, then you can safely avoid investing further time and effort investigating that surgeon. One thing I hear quite often from women seeking my advice to revise an outcome from another surgeon is, "I didn't like the before and after photos on their website, but my friend encouraged me to go with that surgeon because she liked her results". It breaks my heart when I hear this. If you don't like the before and after gallery on a surgeon's website, your chances of being satisfied (I'm not even talking about being thrilled, I'm just talking about being *satisfied*) are automatically much lower.

Another red flag for a before and after gallery is if you don't see multiple people that you "connect with", meaning that they are similar height, weight, and build and started with a similar appearance and you LOVE their results. For example, I am the only surgeon that I am aware of that has pages of before and after of women that are thin, petite, athletic, and muscular. Why am I the only one? Because my unique technique for sizing women for implants is *especially* recognizable in these types of body types. My technique also works for women of all sizes and shapes, but the benefits of my technique become obvious when looking at very thin and petite women.

While we're on the subject of photo galleries I have to just put this comment out there: photos on Instagram, Snapchat, and social media profiles are NOT before and after galleries. With rare exception any photos on these platforms have been photoshopped. Some photos that patients hold up as outcomes that they want to achieve have been so obviously photoshopped that I should just open a side business of photoshopping social media profile pictures; anyone can look like those photos with a little software know-how. During my consultations I review pertinent anatomy for each of my patients so that they can understand what is actually achievable and try to help them develop realistic expectations. I believe that I can achieve the best possible breast appearance for my patients, and I help them picture that in their minds.

Review your personal motivation for breast augmentation

By the time you sit down in my office for a consultation you will almost always have a picture in your mind of what you expect from breast augmentation surgery. That picture is something that is very personal and individual. Every woman's "mental picture" is different depending on their purposes for wanting breast augmentation. You need to determine *why* you want breast augmentation.

You may want to restore the volume back in your breasts after pregnancy. You may want to feel confident in a swimsuit or tight sweater for the first time in your life. I've had patients say they're tired of looking like a 14-year-old boy. You may just want to feel "sexier". Whatever your purpose for undergoing surgery, you need to develop realistic expectations.

Consider your hobbies and common activities

I operate on a wide variety of patients. I have operated on personal trainers, yoga and karate instructors, teachers, attorneys, dancers, business owners, professional moms, models, marathon runners, triathletes, and other physicians and nurses. Each person has their own hobbies and interests, and you need to think about how augmentation will affect those activities. My unique method for implant sizing is incredibly successful in enhancing a woman's breasts without interfering with their lifestyle.

I have a unique perspective on breast augmentation and I freely admit that I depart sharply from the world-wide teaching of breast augmentation which is that if you make a breast bigger you make the entire breast bigger. I am currently in the process of publishing my sizing technique and am very excited to share my system with other surgeons. I believe that this unique sizing system is significantly responsible for my reputation as a breast surgeon.

"I totally love my results. The only thing I wish is that I had done it [breast augmentation with lift] sooner!

--L.H. Cedar City, UT

To help you understand why I developed my unique sizing method let me describe how a patient will imitate what they want with breast augmentation. They typically will cup their hands and place them in front of their breasts and then when they say they want bigger breasts, they will move their hands further out in front of them. I have NEVER had a patient put their hands out to the side of their breasts and then move them further out to the side when

demonstrating the outcome they want. My unique measuring and sizing system allows us to push your breast tissue forward WITHOUT making the breast tissue go wider.

Does this example help you understand how my breast augmentation patients differ from other surgeons? The world-wide teaching and tendency is to make the base (width) of the breast bigger at the same time that you make the breast project more. Now, this makes beautiful looking breasts, but when you stop focusing on the breasts and look at the patient in general you discover that this makes the patient look chubby or heavy. All this does is make the breast (and therefore the chest) look very wide.

I can still remember the photos of a woman who was desperate to have me help her. She had undergone breast augmentation by another doctor along with a revision surgery and she was still not happy with how she looked. Her doctor had made her breasts look inhuman because the implants were so overly-sized (read this as overly-wide) that her breasts didn't even look like they were attached to her

skinny body behind them. It is very difficult to fix a disaster like that—I'm one of the few doctors that can.

I do not agree with this world-wide tendency at all and can increase the size of my patient's breasts without making their frames look any bigger. You *can* have breast augmentation without looking heavy, fat, wide or whatever description you want to use that expresses the appearance of a toothpick hidden behind two lemons. Most of my breast augmentation patients describe themselves as "active" if not "athletic" and do not want breast implants to get in the way of their activities. My patients want to have larger breasts without looking heavier or bigger.

This is a very common outcome from breast augmentation that stems from a fundamental flaw in all our teaching: no one has ever defined what to measure when determining the breast base width. Even though no one has ever defined what we are measuring when determining the base width, most plastic surgeons agree that this measurement is the most important dimension to consider when selecting implants.²¹⁶⁻²²⁴

"Dr. Fryer fixed my breasts from another surgeon and was able to give me the result I was looking for all along. I wish I had seen Dr. Fryer in the first place. The second I told him what I didn't like about my breasts he said he knew how to fix it and he was right. Thank you Dr. Fryer!"

--M.C. Bountiful, UT

It is clear to me that indeed surgeons are measuring completely different things when I spend any time answering patient questions on RealSelf and other similar sites. Here, it is not uncommon to read a post from a patient asking "why does one surgeon tell me I have a different base width than another surgeon?". I have seen this difference span as many as 4.5 cm (almost 2 inches). This is the heart of the problem – everyone is using different techniques to come up with the most important measurement for planning breast augmentation. I have developed a technique that is reproducibly accurate to within 5 mm regardless of who is obtaining the measurement. This is something that I believe should have been developed 50 years ago.

My unique sizing system results in breasts that are larger, curvier, and very natural looking without making the patient look heavier. This is a rare outcome elsewhere in the world. The underlying tendency is towards wider, larger implants and that results in patients that look larger, more matronly, and overweight. One of the reasons that people seek out my surgical skills is to help reverse or fix the effects of these oversized implants. Fixing problems is drastically more expensive and more difficult than just planning and doing it right the first time.

Whatever your motivation for wanting breast augmentation, you can be confident that I will help you achieve results that you will be happy with. Breast augmentation surgery is a very gratifying procedure to perform because patients are so appreciative and happy with their new shape. It is wonderful to see how the procedure helps them feel different, not just look different. Breast augmentation is often more about helping my patients *feel* differently about how they look than it is making them look different.

You want to allow time to see me and my staff and get things scheduled when it will be convenient for you. If you have a timeframe in mind for surgery make sure you calculate enough time to be seen for a consultation and then enough time to schedule surgery. There are definitely some times that are more

popular for surgery (spring break, before long weekends, etc.) so you need to plan in advance. Although variations occur during the year, my typical timeframe is about 8 to 16 weeks to schedule an appointment and then an additional 4 to 10 weeks to schedule surgery. Whatever your timeframe, my staff will do everything possible to accommodate your schedule.

Breast augmentation surgery is only one hour long and so we can usually fit people into the schedule when they want, but sometimes my schedule becomes overbooked and it is not possible to fit in another breast augmentation. Please plan so that you can get your surgery done when you want. Quite often I will have people who know that they want me to perform their operation based on my reputation alone, and they will call and schedule their consultation and surgery date before they have even met me. Yes, scheduling surgery does require a 10% non-refundable deposit to reserve that time for you in the operating room, but this can help facilitate getting everything done, the consultation and the surgery, in the timeframe that suits your needs.

My office staff will be very helpful and accommodating in this process. The fact that your experience in my office was outstanding will make you feel confident that you are going to have an excellent experience with the surgery and your entire post-operative care. Patients frequently comment that they have a more positive feeling when they come in to my office compared to other experiences that they have had. If you don't feel comfortable with the people in the office that are answering your phone calls and greeting you when you enter the clinic then take note. This should be a warning sign to you. If you don't have a good experience with the office staff before the surgery, what makes you think you will have a good experience afterwards?

My office staff is very educated and professional and goes the extra mile to make sure that you have a positive experience with your visit. My staff enjoy their work and feel like a part of the team. They enjoy their work because of the positive contact they have with the patients and because it is an enjoyable place to work. It is not uncommon

"I chose Dr. Fryer after having consults with five other surgeons. He was the only one who set realistic expectations about the surgery and recovery. Great staff, great facility, and even greater results."

--J.R. Salt Lake City, UT

in some offices to find that most if not all of the people that will be helping you have been there for only a short amount of time. This is usually because of a negative work environment and therefore they don't like coming to work and have a high turnover rate. People that don't like coming to work are less likely to go out of their way to help you. This is definitely NOT the situation in my office.

Pregnancy

Women frequently ask the question, "Should I wait until I'm done having children before having breast augmentation?" This question may arise because of one of several different concerns. One concern is that pregnancy will "ruin" the results. My response to this issue would be that it doesn't change the results any more than pregnancy changes the appearance of breasts without implants. Is there an effect from pregnancy? I would have to say without a doubt. But in my opinion, I don't think that a pregnancy necessarily does anything different with the appearance of breasts than would happen anyway given additional time. In other words, pregnancy just makes the changes in breast tissue happen a little

sooner. There is no scientific data I can present on this – there is no way to study it accurately. This is just based on decades of experience with breast surgery.

Sure, you may need a lift after having children – but not everyone will need that. My recommendation is to get breast augmentation done if you want to have it done. Sometimes having breast augmentation can even lead to pregnancy (that’s a really poor attempt at some plastic surgery humor). We are going to suggest that you have your implants changed approximately every 10 years anyway and if you need a lift then we can always address it at that time.

Some women are concerned with implants adversely affecting their ability to breast feed. I believe that it is a personal choice of when to have breast augmentation related to having children despite some reports of women with implants having some difficulty breast feeding.^{225,226} This is a very difficult issue to study and the outcomes are blurred by several confounding factors. Women with less breast tissue are less able to exclusively breast feed. If you don’t have as much glandular breast tissue you can’t produce as much breast milk, therefore leading to a greater likelihood that you may need to supplement. Women with less glandular tissue (smaller breasts) are more likely to obtain breast implants; the fact that they have implants may not be affecting their ability to produce milk which may be already impaired because of the smaller amount of breast tissue. Additionally, patients that have had breast augmentation may *choose* not to breast feed, and that may further skew data interpretation.

A better way to consider this is that you have an 82% chance of being able to breast feed *if desired* after having breast implants.²²⁷ This data is for implants *behind* the muscle though; if the implant is on top of the muscle your chances of being able to breast feed drop precipitously based on the data in that same study to 17%.²²⁷ Yet another reason I rarely, if ever, recommend placing the implant on top of the muscle (subglandular). In *the Breast Journal*, Michalopoulos writes, “With good surgical technique and proper postoperative management, most of the complications associated with surgery that may result in insufficient milk production can be minimized but not always avoided.”²²⁸ I concur with that statement. A surgeon with extensive experience and good technique can help improve your chances of being able to breast feed should you so desire after breast augmentation. Being able to breast feed and nursing exclusively (without needing to supplement with formula) are two different things.

Financial Planning or Financing

You should be able to ask how much the operation is going to cost and get a reasonable answer. There are some variables that are not clear over a telephone conversation, (like if you will need a lift at the same time or not) but you should at least know a price range. My office staff is instructed to be completely open and honest regarding prices. Beware of “hidden costs” which some offices don’t tell you about until after you have scheduled surgery. Make sure your quote includes everything. My office can easily tell you how much a surgery will cost with everything included – except your prescription medications which you will get filled a week before surgery. During your initial visit you will be given a price quote in writing, so you know your full cost. Revision surgeries do require an additional fee that is outlined in your folder. I only have my patients pay for the operating room and the anesthesia for revision operations and I don’t charge a surgeon’s fee.

My office will help familiarize you with payment options as well. We are happy to send you information about financing if you are interested or discuss other payment methods. This is a good time to pre-qualify with those financing companies and get the process rolling or to start setting aside the necessary

money. My patient coordinators have information on the different financing companies that we accept, and you can easily get in contact with them to begin the paperwork.

I started charging a consultation fee several years ago to help reduce the wait time for consultation. Without a consultation fee there are a surprising number of patients that confirm their appointment but still do not show up. Patients not showing up for their appointments caused other patients to wait considerably longer for their consultations. Other peoples' poor behavior has created the unfortunate reality that I have to charge a consultation fee. After your consultation with me you will understand better why this must be; I take the time to actually educate you about breast augmentation. Now that I charge a consultation fee my patients don't typically have to wait nearly as long. The consultation fee is applied toward the cost of surgery as long as the operation is scheduled within certain, very generous timeframes.

Free consultations are worth what you pay for. They are typically hurried, and often you meet only with the nurse and never actually meet the physician. I'm confident that you get far more information and a better education just from reading this breast augmentation planner than you can get from any other consultation that you attend. Yes, it's tempting to get a free consultation, but in reality your time is worth more than the sparse information you're likely to glean.

"Before I chose Dr. Fryer I went to other consultations and I felt the staff were not as friendly and most of the doctors were in a hurry and I didn't get my questions answered.... Overall Dr. Fryer made me feel more comfortable about my decision to have plastic surgery [augmentation and a lift]. He wasn't the cheapest but you get what you pay for."

--D.M. West Jordan, UT

Your price quote should include ALL costs and not just be the quote for the doctor's fee. Incredibly low cost surgeries are often times highly advertised in order to lure unsuspecting and uneducated patients in for a consultation. Because you are taking the time to educate yourself with this planner you won't fall into that snare only to find out later that you wound up paying more than the advertised price for a doctor that doesn't have my same credentials. You wouldn't trust your hair to the cheapest hairdresser in town, why would you make that mistake with your breasts? The cheapest is not always the best choice; I am definitely not the cheapest.

Be careful on the internet when you look at prices. Some advertised prices are "too good to be true" and they usually are. I hate it when I'm forced to pry information out of someone, so I have instructed my staff to be very upfront with my costs. I have spoken with multiple patients that tell me about being "nickel-and-dimed" when they investigate plastic surgery prices on the internet. Unfortunately, some people only find this out after they have taken off work and scheduled their life around their anticipated surgery, so it is too late to cancel even though the cost winds up being higher than anticipated. Once again, this is not the case with my office.

Some offices will add in costs that are not included in your quote. Items that are often "added in" are: 1) charging you for a bra or other operative bandages, 2) charging you to see the doctor after the surgery, 3) charging you separately for anesthesia or operating room costs. Rest assured that this does not happen in my clinic. You know exactly what you are paying for, and you will feel confident that you have

made the correct decision to have me as your physician. The only additional cost that you need to prepare for is the cost of your medications and the underwire bra you purchase a week after surgery.

Speaking of cost, let's mention the disturbing trend of traveling to foreign countries to have surgical procedures performed to save money. What could go wrong? You don't speak the language, you don't have access to the surgeon or their staff after you return home, if you have a complication and become seriously ill you won't be able allowed to board an airplane to return for medical treatment.....There are so many different things that can go wrong that I can't even scratch the surface in this publication.²²⁹⁻²³⁴ One scientific publication writes, "the majority of online information available to prospective and current patients regarding travelling abroad for cosmetic surgery is unregulated, distributed by commercial providers and often lacking relevant and reliable information."²³⁵ Buyer beware.

Countries outside of the United States have different (frequently less stringent) regulatory bodies. A little over a decade ago there was a scandal regarding the third largest breast implant supplier outside of the United States when it was discovered that their implants were filled with industrial grade silicone.²³⁶⁻²³⁸ These implants were not available within the United States. Medical tourism outside the United States can result in additional risks, and costs, that were completely unexpected. Sometimes the cheapest options cost far more than you ever bargained for.²²⁹

Some may say, "What's the difference between me flying to Mexico to have my breast augmentation surgery and driving 5 ½ hours to Utah to have Dr. Fryer do my breast augmentation surgery?" Valid question, but you're not really comparing apples to apples. In the first scenario (flying to Mexico) you are traveling to get the cheapest price. The second scenario (driving to Utah) you are seeking out the best surgeon to perform your surgery and your motivation is not to find the cheapest possible option. Therein lies the difference – your motivation. Medical tourism can be dangerous if the motivation is purely to save money.

You may request additional information from my office staff at any time. My helpful staff and nurses are great resources for information and answering questions. One thing that I see written in almost every single one of my reviews is how helpful, kind, and welcoming my staff members are. They love what they do, and they love working in my office and you will be the beneficiary of their passion and dedication.

6-10 weeks before

This is an exciting time because this is when you get to meet with the team that is going to assist you through the whole process. This is when you're going to have the opportunity to ask questions and get a general feel for everyone involved. With all the information you have discovered this far in this planner you are ready to take the next step with a consultation.

Consultation & Clinic appointment

When you arrive for your breast augmentation appointment in my office you will be spending time with me and my assistants. My nurses help to explain the process of breast augmentation and answer your questions, but your appointment will always be with me. This may seem obvious, but when you schedule your first appointment you should meet with the doctor. Sometimes patients are not allowed to meet with the doctor until after they book their surgery—this is a big red flag. You need to feel

comfortable with your surgeon before you make that decision to have an operation. At the end of your consultation, you will meet with our patient coordinator who presents you with a folder of helpful information and a written price quote. Our patient coordinators explain everything else that you need to know about scheduling surgery and will review all your options.

Your appointment with the physician will likely get you very excited about the procedure. My knowledgeable and friendly office staff will greet you in my office. You will fill out some standard paperwork and a health questionnaire. Once the paperwork has been completed you will be taken to an exam room where one of my nurses helps gather some other basic information and gets an idea of what you expect from surgery.

This is a great opportunity to get comfortable with my assistants and clinical staff. My nurses do a great job familiarizing you with the procedure and help you feel at ease. They help give you information that you will need to make informed decisions about the type of implant that you would like (saline or silicone) and where we typically place our incision. After offering helpful information and answering your questions my nurses will have you change into a comfortable robe in preparation for your consultation. You may have a few minutes to browse through a before and after book before I come in for our visit.

Our visit takes place in the privacy of my comfortable consultation rooms. I review your health questionnaire to make sure that you are a good candidate for elective surgery and allow you time to develop trust in me as your physician. You are welcome and encouraged to ask questions. It is imperative that you feel confident in my skills and are comfortable with my personality.

After reviewing your health history I perform an exam which includes measurements of your chest and breast as well as a breast exam. From the exam and measurements I am able to give you an expert opinion on the size range of implants that can be used to naturally enhance your breast size and shape. Remember I described that my measuring and sizing process is unique, and I am able to increase the size of your breasts without making you look heavier or bigger. This is a critical portion of the decision making and planning process. The exam and determination of your base width diameter establish a foundation upon which to suggest ranges of implant sizes.

Determining the correct base width is the most important measurement when planning breast augmentation.^{216,223,239-241} This is an area of keen interest for me because despite this being the most important measurement, no one has ever defined it. I have successfully defined this measurement in a way that is both teachable and reproduceable between surgeons and has become one of the most important issues that separates my clinical practice apart from other surgeons. If you start with the wrong base width diameter, it has a negative ripple affect for the outcome. Alternatively, if you start

“Dr. Fryer was more informative and seemed to care for his patients more. Dr. Fryer and his staff were amazing. I love the way my surgery [breast augmentation and tummy tuck] turned out. I was never scared for the procedure; I had complete confidence in Dr. Fryer the whole time. I was more anxious than anything. I had such a great experience and I would 100% do it again. I will always recommend people to Dr. Fryer.”

--R.H. St. George, UT

with the correct base width diameter, it helps to ensure a stable foundation upon which to build the breast.

Using my recommended base width, my nurses help position the breast implant sizers in a bra that we provide to help you get a realistic idea of what the implants will look like. This is a very fun process for most patients. This is when you get to show us what you expect as an outcome from your breast augmentation surgery. I think this is the most accurate way to ensure that I fulfill your expectations. Some doctors want to see magazine photos of what you want, and others will use fancy computer graphics to show you what you can look like. In my experience, however, the most helpful way for me to know what you expect is for you to show me in the mirror what you want.

No one in my office will try to persuade you to decide about the implant size. This is a personal choice. You will be much happier knowing that you made the decision based on how you feel and how you look. I have found that most women already have a “picture” in their mind of what they want to look like after the operation. This picture is unique for each patient. You cannot compare yourself to your friend or to a model in a magazine, because your body is different. Please keep an open mind during the sizing process and avoid the tendency to think, “I need at least a 350cc implant because that is what my friend has.” Pay attention to what you see and how you FEEL when you see it. Trust this sizing process; it really works.

It is amazing how patient’s faces light up when I tell them that I want them to show me what they expect and want from the surgery. So many women have been told by other surgeons which implant size to use or have been pressured into something larger than they feel comfortable with. My patients do not feel that pressure. The only expectations you need to meet in deciding on the implant size are your own.

I give you a professional opinion based on data and over a decade of experience with satisfied patients, and I leave my personal judgement out of the process. Ultimately my patients report happier and more confident because they are the ones that decided on the size that they feel comfortable with. My patients relate that they had confidence going into surgery because they knew what they would look like after.

“Dr. Fryer’s sizing technique was very helpful and the results are perfect!”

--K.H. Draper, UT

Once you have narrowed down your choice of implant sizes it is sometimes helpful to put on your favorite shirt and see how things look in your clothes. Often this will help solidify your choice of size when you see yourself in your favorite top. We have a few camisoles in my office if you don’t have one, but bringing your own sometimes helps you to match that image that you already have in your mind.

Looking at your appearance in the mirror is the most helpful way for you to understand the outcome that you are going to achieve with breast augmentation. This sizing is performed with the assistance of my highly experienced nurses and according to my recommendations. Ultimately you are the one that makes the decision regarding the size of your implant because only you can match what you see in the mirror with what you have already begun to imagine in your mind. Feel free to take some photos of yourself with the implants in place under the bra. This is often very helpful for you to review after you return home and continue to think about your surgery.

Some patients have asked if we offer 3-D computer images of you with your selected implant size. This 3-D image is a very nice marketing technique, but that is all it is in my opinion. Human tissue behaves very differently from patient to patient and cannot be anticipated by algorithms or software and often leads to an unrealistic expectation of outcomes. In fact, 25% of patients that viewed 3-D images of themselves with the added volume of an implant were dissatisfied with their outcome whereas less than 5% in the control group (that did not get a 3-D image of themselves) were unhappy with their results.²⁴²⁻²⁴⁴ In my opinion your image in the mirror wearing a light bra and shirt gives you a much better idea of what you will look like in clothing than the 3-D image of your bare breasts. My diagrams and helpful drawings during your consultation will give you a better idea of what your bare breasts will look like than the 3-D image.

It is important to understand that when you are looking in the mirror you should be concentrating on the volume or size, and you must try to ignore the “shape”. When trying implants on inside a bra the shape tends to look overly rounded and not nearly as natural as the final result tends to be. This is a difficult thing to do when you are staring at the implants in the bra, and this is when using your favorite shirt or sweater really helps. When you put another layer of clothing over the top of the implants you are suddenly able to focus more on the volume or size than the shape. After placing the implants behind the chest wall muscle, the resulting shape is always much more natural.

Try to avoid the possible tendency of trying to select the implant based on how you think it is going to affect the shape of your breast. This perspective will more frequently result in dissatisfaction with your final outcome. After over 20 years of experience, I can confidently recommend that the most important factor for you to decide is the desired volume (size or cc’s) of the implant. If you focus on the desired volume the shape tends to take care of itself.

Most frequently when patients make decisions based on the shape, they think they want they are dissatisfied with the final size and in my experience seek re-augmentation with larger implants at a higher frequency than patients that focus on the volume. In all my experience I cannot remember a single patient that has mentioned that they love the size of their breasts, but they just don’t like the shape of their breasts. Size trumps all other decisions regarding your implants in my opinion when using my unique sizing protocol. If the breast shape is going to be a significant issue because of loose or droopy skin then I may need to discuss a breast lift with you.

My patients are often shocked that the volume of the implant they select during the sizing process is “high profile” or even “ultra-high profile” (also called “extra-high profile”). Those names go against everything that most of my patients desire from their surgery. These names seem to scream “porn star” when you hear them. This is actually the furthest from the truth - when my unique sizing system is followed. When my unique sizing system is *not* followed then typically the results are far less natural and subtle and scream “breast augmentation”.

These profile names generate more confusion for my patients than anything else because the names themselves create imagery in your mind about the resulting appearance. Equally confusing is that sometimes people believe that “high profile” implants will sit higher on the chest. And conversely that “low profile” implants sit lower on the chest; who would ever want their breasts lower on their chest. These terms actually have nothing to do with where they sit vertically on the chest, or with how prominent the implants are. Think of these profile names simply as ratios.

That's right, the profile names are simply a way to describe the ratio of the implant projection to the implant width and really shouldn't relay any more information than that. The names unfortunately convey additional information or stereotypes. You need to completely ignore these stereotypes when you are sized using my system. I use more high, ultra-high, and extra-high profile implants than just about any surgeon in the United States and I believe that my results look absolutely natural. Most patients that review my before and after gallery agree that my breast augmentation outcomes look more natural than other surgeons. But I have a higher percentage of patients with higher projection implants so how can that be possible.

Remember it is all about the **ratio** of projection to the base width. It is not uncommon for me to see a patient that wants me to revise her breasts after having surgery with another surgeon. They typically state that they hated the result from the moment they woke up from surgery because they made them feel too heavy, wide, "breasty", unnatural, matronly, chunky, or just plain old "too big". I have heard each of those terms used to describe patients' undesirable outcomes literally hundreds of times.

The difference is that I typically size my patients into a high, extra-high, or ultra-high implants that project between 3 and 5.5 cm whereas other surgeons size patients into moderate or moderate plus implants that project between 3 and 5.5 cm. Those seem equivalent until you compare the typical base width of the implants for most of my patients is between 9 and 10.5 cm compared to somewhere between 11 and 14 cm with other surgeons.

This photograph compares an implant that I removed from a patient (total volume 650 cc's, base diameter 15.4 cm, projection 4.7 cm) with the *largest* implant that I would have allowed her to size into (total volume 350, base diameter 10.1 cm, projection 5.2 cm). This is a particularly extreme example of how differently surgeons size implants to patients. I actually used a smaller implant than the maximum I would have allowed. Both the implant I removed and the implant I replaced it with had similar projections (differing by only 0.5 cm) but the implant I removed was a moderate plus projection and the implant I replaced



Figure 4 A particularly extreme example of the diameter of an implant I removed from a patient to the maximum size I would allow her to put in.

it with was an ultra-high projection. Which implant do you think made the patient look like a porn star? Spoiler alert: it wasn't the implant that I sized her into. Hopefully that helps you understand that you shouldn't worry about high, extra-high, or ultra-high projection implants if I'm the one that is sizing you. I cannot offer the same assurance if you choose a surgeon that hasn't adopted my sizing method.

Breast lifts

Another important part of the exam is determining if any additional procedures (lifts) may be necessary to help you achieve the optimal breast shape. This determination is often difficult without seeing the patient in person. I offer online consultations where we can review the information and educate patients regarding breast augmentation, but an online meeting obviously doesn't allow me to inspect and feel the patients' tissue. Photographs can be misleading when you are trying to make these decisions and without an in-person exam no absolute guarantees can be made.

You may be able to get a better idea if you would be a candidate for a breast lift at home by trying the "pencil test". The pencil test is performed by placing a pencil in the crease of your breast. If you don't need to lift your breast with one hand to place the pencil in the crease you can stop at this point because you don't need a lift. After lifting the breast and placing the pencil in the crease allow the breast tissue to relax; if the breast tissue holds the pencil in place, then you may need a lift. Now, look more carefully at your breast. If your nipple is below the level of the pencil, you almost certainly need a lift but if the nipple is above the pencil, then it is too difficult to determine in my experience. In this case I would need to perform a breast exam to better determine your need for a lift.

I know that no one wants additional scars, and for some people that's the focus of their thoughts when faced with needing a lift. I do not take this lightly and will not suggest a lift unless I am confident that it will provide a significantly improved breast shape. If I think there is a reasonable chance that my patient will be happy without a lift, I will often steer them away from a lift. We can always come back and perform a lift later if the result doesn't match the anticipated outcome. In those cases, the only thing I charge for doing the lift later is the difference between what they have already paid and what it would have cost to perform the lift at the same time. Therefore, there is no financial incentive for doing a lift at the same time.

There are many different types of lifts, each with its own benefits and drawbacks. The way I approach this decision is trying to select the lift based on the breast measurements and the amount of skin that needs to be removed instead of trying to "force" the patient's situation into your "favorite" type of lift. A local surgeon, now deceased, was well known for only performing a single type of lift. The type of lift he performed is the lift that is suited in my opinion to remove the smallest amount of skin and thereby typically reshapes things less than any other lift. This practice of "forcing" all patients into a single type of lift resulted in some horrific outcomes in my opinion.

The art of performing a breast lift is knowing the capability of the different lifts and selecting the lift that will give the best outcome. Yes, some lifts result in more scarring than others, but would you rather have more scars and a beautifully shaped breast or fewer scars and a wonky shaped breast? I know what I would choose for my patients every time. Scars fade and blend over time, but the breast shape doesn't tend to get any better over time.

I break down lifts into three different categories: circum-areolar (sometimes called peri-areolar or "PA"), lollipop (sometimes called "vertical"), and anchor (sometimes called "Wise pattern" after Dr. Robert Wise who developed it). Another type of lift is referred to as the crescent lift, but I don't even offer that type of lift to my patients. In my opinion the amount of repositioning and reshaping that you can achieve with that type of lift does not warrant the scar. It tends to create an irregular areola shape in addition.

"I was scared to have a breast lift but Dr. Fryer made me feel so much better about the process and helped me get the result I dreamed of. I always tell people to see Dr. Fryer if they want to get their breasts done."

--S.N. St. George, UT

The way I select the type of lift is based on the amount of vertical skin that needs to be removed to reshape the breast and reposition the nipple. The circum-areolar lift can be effective for removing up to about 1.5 or maybe 2 cm of vertical skin. The lollipop can reposition the nipple up to about 4 cm, and any breast that requires more than about 4 cm of vertical skin removal is best managed with the anchor lift in my opinion.

Although many surgeons may disagree with my paradigm it has served my patients very well for two decades. This is where you must let experience weigh in a little bit when you consider opinions. When a surgeon specializes in a particular area their opinion should be given more consideration than someone that performs that type of surgery more rarely. Breasts are my field of expertise and I have made a name for myself by doing things differently than most other surgeons. I do things differently based on experience, logic, and downright common sense because I have discovered that just because ideas are popular doesn't mean that they are the best way to plan or perform things. Not infrequently I believe that some procedures are more popular because they are easier to perform, not because they are better. Last time I checked, surgeons were supposed to be able to do hard things. That's kind of the point of being a surgeon.

Most of the time patients that need a lift know it (or are a little suspicious about it) before they meet with me. The addition of a lift to an augmentation does increase the cost and complexity of the surgery, but both operations can be performed at the same time in most cases. This also increases the risks associated with the surgery, but I take a substantial amount of time to help educate you about those risks so that you feel like you are making a completely informed decision.

Setting expectations

I do everything I can to help you develop realistic expectations about what your result is going to be. This is different for every woman and depends on several different factors, including: chest wall shape, breast tissue shape and amount, and skin quality of the breast itself. These all combine with your selection of implant size to determine your outcome. I have performed thousands of breast augmentations and so when I see a patient and analyze these factors I can immediately "see" their outcome in my mind. I will help you envision that same outcome so that you will be excited for your surgery and when you see your results in the mirror you will be able to say this is just what I was expecting – or better!

“I went to four consultations and none of them even mentioned risks or complications. Dr. Fryer explained everything really well including risks and outlined his plan to avoid problems. My results are amazing [augmentation and tummy tuck], the recovery was super fast, and no complications. I’m glad Dr. Fryer was so informative and thorough. I felt very safe and cared for the whole time.”

--K.C. Riverton, UT

An important part of your consultation will be understanding the risks associated with breast augmentation. You need to know these risks before the surgery. Basically, there are variables that are out of your control and out of my control once we initiate this wound healing process. Some bad things can happen; you need to be aware of these things to be fully informed. Nationally, women that undergo breast augmentation have an 10-35% chance of

needing a revision surgery within the first several years.^{85,245-251} Yes, that’s right, as frequently as 1 in 3 women will need a touch-up surgery relatively soon after breast augmentation (according to national data).

That’s not my data, though. My data for reoperation after first-time breast augmentation is in the single digits. My revision surgeries are most commonly to correct on of two problems: mal-positioning (bottoming out), or bleeding. It is uncommon for me to reoperate for other reasons. If you do need a revision surgery then there are additional costs, but I only have you cover the costs of anesthesia and the operating room and I do not charge you a surgeon’s fee. This is important information for you to know prior to surgery.

The reasons for reoperations in the national literature include: capsular contracture, bleeding, mal-positioning (bottoming out), rippling, rupture or deflation, breast tissue aging, desire to change the implant size, and infection. These are not the only reasons for re-operation, but they do encompass the majority. There are three main reasons in my mind that I keep seeing frequently in the literature and those are capsular contracture, bleeding, and mal-positioning (bottoming out). Others risks for reoperation that I discuss during our consultation include: asymmetry, rippling (palpability), and animation. I don’t see capsular contracture very frequently at all in my practice so that one doesn’t typically worry me as much as the national literature reports it.

Combining breast augmentation with a lift can be done well and safely by experienced surgeons and I feel very comfortable doing this operation. One thing that is worthwhile noting is that despite being safe with typically very good outcomes, combining the operations does increase the risk for reoperation.²⁵² This causes some surgeons to stage these as two separate operations because of the difficulty of the operation and fear of the risks.

Don’t let this scare you away from this option if this is what we decide together because although the risk for reoperation is higher, it is still lower than the cumulative risks of having two separate operations. Look at it from this perspective: if you separate the two procedures you have a 100% chance of having two surgeries. Then you must consider that each of those surgeries has a risk of needing to be revised and so if you add up the cumulative risk of the two separate surgeries (that’s not exactly accurate but trying to explain the statistics behind things is way too complicated) you then have as high as a 1 in 3 chance of needing a *third* surgery. On the other hand, if you combine the surgeries you only have potentially a 1 in 3 chance of needing a *second* surgery.

Once again, I am quoting national data above, not my own data. My own data for needing to revise a surgery for an augmentation combined with a lift remains in the single digits. Combining the two surgeries together in my practice results in less than 10% chance of needing to be revised with a second surgery. I would recommend those odds to anyone with only very few exceptions or caveats that are too uncommon to even mention in this information. If I offer to combine the two operations for you then I'm confident that I can achieve a result with which you will be very happy.

It is important to note that needing revision surgery does not mean that anyone has done anything wrong. I believe my patients try to follow every instruction to the best of their abilities. I use my best judgement and perform each surgery to the best of my ability. Even though both of us are doing everything that we can to help ensure a positive outcome, sometimes complications occur, and a revision surgery is necessary. It is human nature to try to find something or someone to blame, but the reality is that neither the surgeon nor the patient is really in control of the wound healing process that we initiate by performing surgery.

Other helpful information that is nice to know during the consultation

There are a few things that set me apart from the rest. You'll get a smaller scar, a faster recovery, and hopefully longer lasting results. All of this contributes to my outstanding patient satisfaction reviews and testimonials. My surgical outcomes are built upon the pioneering work of John Tebbetts as described previously.

I use a smaller incision for this operation, so the scar will be smaller and less visible. My professional preference is to place the incision near the bottom of the breast so that it is hidden by the curvature of the breast. This scar is less noticeable than a scar around the nipple because the nipple is the point of focus on your breast. You are the only one that will look at your scar. Additionally, there is good evidence that using this scar has a significantly lower chance of contaminating your implants with bacteria and results in a lower revision rate.^{31,151,171,253,254} Ultimately bacterial contamination likely plays a significant role in long term capsular contracture rates for breast implants.

Despite using a smaller incision, I can perform the surgery with only a fraction of the blood loss of other doctors as I described earlier. This surgical precision results in a very rapid recovery. Think about it logically. If you don't bleed you don't bruise, and if you don't bruise you don't set up inflammation in the tissue that you must recover from. The most common statement that my patients make after surgery is "I was expecting something worse".

This minimal blood loss also helps to decrease your chances for capsular contracture. Evidence suggests very careful hemostasis during surgery to help minimize one of the most important factors in capsular contracture (which is excess blood around the implant right after the surgery).^{185,255} I lose less blood than most other surgeons and therefore, I think I do a better job of controlling for this cause of capsular contracture than anyone else that I am aware of in the intermountain west.

These unique attributes and skills in my practice, along with exceptional customer service and care makes me the plastic surgeon with the highest online patient satisfaction rating. Just pay attention to the commentary and praise my patients are posting, and you'll recognize the great effort we put in to making your experience the best value you can find. If you chose a doctor with a lower satisfaction rating can you really expect your experience to be any different? You have done your homework and have found the doctor with the highest satisfaction ratings so you can be confident that both your outcome and your experience will be outstanding.

“Everything about this process [breast augmentation] was wonderful. The surgery, the recovery, the final results. Dr. Fryer did a wonderful job and I am extremely happy with my results. My recovery time was very short and I had almost no pain. I was back to myself in days. I had no bruising. I was very impressed by Dr. Fryer and his staff. They were very easy and friendly to work with and made the whole process a great experience.”

—L.P. Draper, UT

I offer online consultations to help educate patients and answer questions even before you come to my office. Online consultations are no substitute for in-person visits that include a physical exam, but they are helpful in answering questions and exploring whether a particular surgery is even something that you want to investigate further. This can sometimes facilitate a shorter time between first encounter and the actual surgery date. This is possible because I can spend the time educating patients online after my office is typically closed and then the in-person consultation doesn't have to take as long and therefore often patients are able to “fast-track” things to have surgery sooner than otherwise anticipated.

As you begin to make plans for your surgery you need to know that we recommend that you stop smoking (of any kind). Smoking decreases blood flow and prolongs wound healing and results in scars that are less than optimal. If a lift is part of your surgical plan then it is required that you stop smoking before your surgery. The best time-frame for stopping smoking is at least six weeks before your surgery and to continue abstinence for at least six weeks afterward. I cannot overemphasize this. I recommend that any type of smoking (cigarettes, cigars, vaping, e-cigarettes, bongs, hookah, doobies, joints.....you get the point) be stopped.^{256,257} Failure to stop smoking (of any type) before breast augmentation is not ideal but failure to stop before a breast lift places you at extremely high risk of catastrophic complications including tissue loss and prolonged wound healing.²⁵⁸⁻²⁶²

2 weeks before surgery

Preparing for Surgery

To help minimize risks and avoid complications there are several things that we want you to be aware of. Some medications need to be avoided prior to surgery and it is helpful to decrease your upper body exertion so that the muscle doesn't start out being sore and stiff even before the procedure. Please remember my warning regarding any type of smoking. You should have already stopped by this point prior to your surgery.

Some medications are best stopped well in advance of the surgery. Two weeks is a good time frame for most of them. Phentermine (a medication used to help promote weight loss) must be avoided for two weeks prior to surgery. This medication makes it less safe to undergo any operation with general anesthesia. Any type of aspirin or ibuprofen (Advil, Motrin) should also be avoided to help reduce the risk of bleeding.

We have compiled an exhaustive [list of medications and supplements](#) that should be avoided for two weeks before your surgery. I'm sure that there are some supplements that we've missed but the general idea is just try to avoid anything that has a chance of interfering with blood clotting. This helps prevent bruising and bleeding issues and can help you recover faster.

Many of my patients exercise on a regular basis and I encourage them to continue being active both before and after breast augmentation surgery, but I do recommend some modifications. Try to taper your upper body exercise for the last two weeks prior to surgery. This is like tapering a running plan before you run a marathon. You want the muscle to be rested and better able to recover from the surgery. I will be more specific about the recommended post-surgery adjustments to your exercise later in the planner, but for now just know that you need to allow the chest muscles to heal for several weeks afterward.

Pre-operative Appointment

As your date approaches it is normal to become excited in anticipation of the surgery. This should be an exciting time in a positive way because you will be confident in your decision. It should be even better than the anticipation leading up to the holidays because, unlike Christmas, this time you know exactly what you will be getting.

Part of your preparation for surgery includes a pre-operative appointment usually scheduled during the week prior to surgery. This is another opportunity to ask questions and even try on the sizers one more time to make sure that you are still confident and comfortable with the size you selected earlier. This is when we give you information sheets about your surgery and make sure you know what will take place on the day of surgery and during your close follow-up care.

If you are traveling in from a distance for your surgery (which is common in my practice), we can arrange to have this appointment the day before surgery. My office staff will do everything possible to accommodate your personal needs in this regard. Please let them know what we can do to help make this time leading up to surgery as stress free as possible. Please recognize that if you haven't already confirmed your implant size that we need time to order your implants to have them available. This may be cutting things too close in that circumstance and that is why a week before surgery is our standard timeframe.

During this visit we provide you with informed consent information so that you have ample time to read and understand everything that you are signing. These consent forms occasionally generate questions that you haven't thought of previously and we are always available for discussion. You have plenty of time to fill these out so that you can avoid feeling pressured or hurried on the day of surgery. Waiting until the day of surgery to prepare this paperwork tends to make patients more anxious than necessary. If you are traveling in from out-of-town, we can supply you with these forms beforehand so that you can fill these out at your leisure and bring them in with you.

We obtain photographs during this pre-operative visit to document the wonderful transformation that you will undergo. These photographs are standardized views of the breasts and do NOT include your face, so your identity is completely confidential. Please remove any jewelry or other items that might be identifiable in the picture as well. Photographs are an important part of this process and were most likely very helpful to you in making your decision about surgery. I do not use these clinical photographs for educating other patients, publishing academic articles, marketing, or any other reason without written consent from each individual.

Prescriptions

We prescribe you all your medications at this appointment electronically. For breast augmentation surgery you are prescribed five medications that will be waiting for you at the pharmacy of your choice. This helps prevent anxiety and unnecessary errands on the day of your surgery. In addition to your prescription medications there are also several over-the-counter medications that we want you to make sure you have ready. The combination of the prescription and OTC medications helps ensure that you are as comfortable as possible during your recovery. I developed this regimen of medications after long hours of research and study, and I am confident that it will help you. I published this information specifically regarding recovery after abdominoplasty and the data confirms a dramatic improvement in patient comfort.²⁶³

Pain medications

I prescribe you multiple medications to use during recovery to help make you more comfortable. I like to explain to patients that I give you a ton of pain medicines but very little narcotic. This regimen includes using Tylenol, Celebrex (celecoxib), Neurontin (gabapentin), and then if you still need something to manage your discomfort you will have a few oxycodone tablets. The reason this regimen works so well is because each of the medications targets a different portion of your brain's pain perception. This helps to improve pain control while reducing side effects and minimizing exposure to narcotics.²⁶³⁻²⁷² Additionally during the surgery you are given even more medications in your IV that target yet more pain perception pathways. All this culminates with you experiencing a more comfortable and rapid recovery.

Acetaminophen (Tylenol)

Acetaminophen (Tylenol) 500 mg every four hours is the foundation of your pain management. It is converted to p-aminophenol in your liver which then readily crosses the blood-brain barrier and acts on a multitude of different pain receptors in the brain and spinal cord.²⁷³ That makes it seem a lot more effective and important when you add all those fancy names and medical terms doesn't it? People will frequently say, "Tylenol doesn't do anything for me." Well, I agree that taking a single dose of Tylenol isn't going to do much for you but taking it every four hours to maintain a consistent calming of multiple different pain receptors really does help reduce your need for other medications.

This combination effect is why drug makers combined acetaminophen with narcotics (Percocet and Norco) – because they work better together than they do individually. These combination medications however create a dangerous scenario of potential toxicity if you lose track of the amount of Tylenol that you have taken. I do not prescribe combination pain medications for that reason.

I want you to take acetaminophen every four hours and I don't want you to unknowingly take acetaminophen in a Percocet or Norco tablet in addition. You must not exceed 4,000 mg of acetaminophen in 24 hours otherwise there is significant risk of liver toxicity. Using 500 mg every four hours (3,000 mg total for 24 hours) will keep you safely below the recommended maximum. Please read the labels of any other OTC medication that you want to take to ensure that you aren't unwittingly taking any additional acetaminophen.

Celecoxib (Celebrex)

Celecoxib (Celebrex) 200 mg is a powerful NSAID in the selective COX-2 inhibitor category that can be taken twice daily in the treatment of acute pain. Ibuprofen, Motrin, and Advil are non-selective inhibitors of COX-1 and COX-2. You should not take celecoxib (or any other prescription NSAID that we may substitute for it) at the same time as anything containing Ibuprofen. The COX inhibitors prevent the production of inflammatory mediators (prostaglandins, thromboxanes, and prostacyclins), thereby reducing our perception of pain.²⁷⁴

There is an important difference between OTC Ibuprofen products and the one we prescribe. The NSAID that we prescribe you doesn't have any effect on your platelet function or blood clotting whereas OTC NSAIDS do. We want you to avoid the OTC NSAIDS for several weeks prior to surgery to help reduce the risk of bruising and bleeding. In addition to not inhibiting your platelet function, celecoxib also has a more powerful suppression of your pain receptors. Just the combination of celecoxib and acetaminophen creates a synergistic suppression of pain perception.²⁷⁵

If you have a sulfa allergy I may substitute another selective COX-2 inhibitor called meloxicam (Mobic) for the celecoxib because of a possible cross reaction. Some evidence indicates that it is likely safe,²⁷⁶⁻²⁷⁸ but other cite some continued concerns and so we try to substitute just to help prevent any untoward cross reaction. While taking these NSAIDS I want you to use OTC omeprazole (Prilosec) or famotidine (Pepcid) according to the label instructions because all NSAIDS have the potential to cause stomach irritation.

Gabapentin (Neurontin)

Gabapentin (Neurontin) 300 mg is a drug with many different effects that can be taken three times a day in the treatment of acute, postoperative pain.^{264,266,271,279,280} It is FDA approved as an anticonvulsant, muscle relaxer, and anti-spasmodic medication. The exact mechanism of action is not well understood, however we know that it readily crosses the blood-brain barrier and acts on neurotransmitters. Off-label uses include a wide range of conditions: postoperative analgesia, nausea and vomiting, neuropathic pain, essential tremors, migraine prophylaxis, headache, painful diabetic neuropathy, generalized tonic-clonic seizures, and insomnia. I am very impressed at how helpful this medication has been during my patients' recovery.

Unlike acetaminophen (Tylenol) and celecoxib (Celebrex), this medication has some side effects that you may feel and therefore need to be aware of. It can cause you to feel a little sleepy, slightly off-balance, or dizzy. It can also cause some transient water retention or swelling that you may notice. The

sleepiness side effect can be beneficial because sometimes general anesthesia can cause difficulty falling asleep for several days.

Oxycodone

Oxycodone 5 mg is the narcotic that I prescribe. Notice this is the only medication for which I haven't supplied a second name. That is because oxycodone is the generic medication. There are brand names for oxycodone but all of them typically either have acetaminophen or a time-release component, so I don't prescribe any brand names in this category. Oxycodone is a semi-synthetic opioid that binds to nerve receptors and inhibit their excitability.²⁸¹ This medication is purposely last in my list because that is how you should use it – last.

Before taking oxycodone, you need to ask yourself if it is time to take any of the three previous, non-narcotic medications. If you can't take the non-narcotic then do so and wait twenty to thirty minutes to see if that has sufficiently improved your comfort. If it is not time to take any other medication, then use oxycodone as needed. The small tablet is scored so you can cut it in half to help restrict your exposure to narcotics. Start with a half tablet and see if you are comfortable enough until it is time to take one of the non-narcotic medications.

Opioids are a very useful medication in the treatment of acute pain as needed but Americans have become overly dependent on access to these drugs to treat minor discomfort and we therefore find ourselves in the midst of an opioid epidemic. These medications are not as benign as previously thought and there is an undeniable risk of persistent postoperative opioid use even following relatively minor surgical procedures.^{282,283} The opiate that I prescribe should be used for "breakthrough" pain after taking acetaminophen (Tylenol), celecoxib (Celebrex), and gabapentin (Neurontin). About half of my breast augmentation (and combined breast lift) patients do not find it necessary to take any narcotic.

If you haven't already watched the Netflix drama miniseries "*Dopesick*" then I highly recommend this to help you understand the true extent, and tragedy, of our opioid epidemic. If you absolutely need narcotic to achieve a satisfactory level of comfort after surgery then by all means use the opiate. If you don't absolutely need it then trust me you don't want to take the risk. Narcotics are habit forming; none of the previous three prescriptions that I outlined have risk for dependence.

Nausea

I prescribe ondansetron (Zofran) 4 mg for nausea. Let me begin by saying that I do everything possible to *prevent* nausea before it even begins. This includes taking gabapentin (Neurontin) before the surgery,^{284,285} and the use of medications during the surgery that are known to reduce the chance of, or prevent post-operative nausea.^{184,286} For individuals that have had significant negative experiences with postoperative nausea there are a couple of additional medications that I can prescribe.

If you do experience nausea after the surgery then you have ondansetron (Zofran) available to use. It is a small disc that dissolved under your tongue and absorbed into your bloodstream. This is more reliable than swallowing a tablet and then not knowing if you vomited the medication that is supposed to help ease your nausea. Use this medication as necessary every six hours to control nausea.

Aprepitant (Emend) 80 mg taken as a single dose can be a powerful tool for patients that have struggled previously with postoperative nausea and vomiting.²⁸⁷ This medication is not covered by your insurance

plan and so you need to anticipate paying somewhere between \$31 and \$164 (as of today) depending on where you get your prescriptions filled. I suggest using [GoodRx](#), either online or the app, to help you reduce the amount of money you spend on your medications.

Scopolomine (Transderm Scop) 1 mg can be placed behind the ear the night before surgery to help decrease the chance of post-operative nausea. This can be especially helpful for you if you suffer from motion sickness since this is actually the motion sickness patch. This medication will make your mouth as dry as the desert and it will make your close-up reading vision blurry. Depending on your history with nausea after surgery you may or may not want to have those side effects. For best results this medication needs to be applied the night before surgery.

Antibiotic

I typically prescribe cefadroxil (Duricef) 500 mg to help prevent infections. Infections are rare (less than three percent) but are serious problems and may require repeat operation and implant removal. We take every precaution to prevent this complication and emphasize that you should complete the entire prescription. Cefadroxil (Duricef) is a tablet that is taken twice daily with food. It is a cephalosporin antibiotic and a distant relative of penicillin. Let us know if you have adverse reactions to cephalosporin antibiotics and we can prescribe something different. It is generally well tolerated and conveniently dosed twice daily so it is easy to take and complete as prescribed. I encourage you to use probiotics and yogurt with active bacterial cultures to help maintain good gut health while on prophylactic antibiotics.

OTC medications to purchase

There are some OTC medications that are very helpful to have on hand during your recovery. We have already mentioned acetaminophen (Tylenol) and famotidine (Pepcid) and omeprazole (Prilosec) in the sections above. Additionally, I encourage you to have docusate (Colace) available to prevent and or treat constipation. All the medications listed in this section can be purchased over the counter at most drug stores and pharmacies.

Make sure that you have acetaminophen (Tylenol) 500 mg at home. Double check the dosage on the bottle; sometimes the 500 mg is called “extra strength”. Acetaminophen (Tylenol) typically comes in two different doses 325 mg and 500 mg. I prefer having you use the 500 mg tablet and taking it every 4 hours which places you at 3,000 mg total dose. Taking the 325 mg every 4 hours won't offer as much help and gets you only to 1,950 mg total dose. Alternatively taking two of the regular strength (325 mg) tablets every four hours gets you to 3,900 mg total dose; too close for my liking to the absolute 4,000 mg limit in 24 hours. Please also make sure you aren't inadvertently getting additional acetaminophen (Tylenol) by using any other OTC medications that contain it.

I want you to use OTC omeprazole (Prilosec) or famotidine (Pepcid) according to the label instructions while you are taking the celecoxib (Celebrex). This will help to reduce the chance of stomach irritation or upset. This is especially important for patients that have had any type of surgical weight loss procedure performed. You can actually start this medication the day before surgery to help prevent any irritation from occurring.

Constipation can occur just because of having general anesthesia but another classic source is any type of narcotic. The pain medication regimen described above is designed to minimize your opiate consumption and therefore reduces your chances of constipation. I recommend patients use docusate (Colace) 100 mg three times daily initially. If stools become too loose, or you feel you no longer need

the medication you can taper and or stop this medication. It is much easier to prevent constipation than to treat it.

Anticipate spending less than \$100 total on all your prescription and over the counter medications. If you spend more than that then you likely didn't use GoodRx like I encouraged you to. GoodRx really will help you save money on all your prescriptions, and it is free to use.

Payment

Payment in full is required prior to your surgery date. Payments can be made in cash, or with a debit or credit card, or cashier's check. We do not accept personal checks. Many of my patients choose to finance their surgeries through one of the convenient financing companies that we work with. All of the financing information is provided to you at the time of your initial consultation, so you have time to get pre-approval if you want to use their services.

Day Before

This is a very exciting time for you and anticipation of the surgery could keep you up late. Adequate planning can reduce the number of distractions and will help you rest comfortably the night before. Start your preparations early in the evening and then try to get some good rest.

This is a good time to prepare an area in your home where you can return for your recovery. It is normal to feel tired after surgery and you want to have everything prepared in advance so you can rest when you return home.

Gather a few magazines or books for you to read and have some good music selected so you can relax. You will want to have some cold drinks and maybe a few snacks nearby – it helps to keep a little food in your stomach when you take your medications after surgery. Empty the contents of your ice maker into a plastic bag and put it in the freezer so your ice maker can make more ice. You will be using ice bags to help reduce swelling and discomfort after surgery. If you requested the extra medication to prevent nausea then place that small disc behind your ear before bed.

Get all these preparations done early and then plan on retiring to bed. In preparation for surgery do not have ANYTHING to eat or drink after midnight. This includes no gum, hard candy, breath mints or water. This helps avoid unnecessary problems with anesthesia. If you do not follow this instruction, you will have your surgery cancelled for that day and have to pay a rescheduling fee to reserve another day.

The surgery center will contact you in the afternoon the business day before surgery to inform you what time to arrive. They may also contact you on the day of your surgery to adjust your arrival time to prevent any unnecessary delays or long waits before your surgery.

Sometimes unanticipated or unexpected circumstances arise and may alter your exact time for surgery. I do not compromise my patient's safety or the quality of their surgery just to stay on schedule. Please be mindful that *you need to be available the entire day* for surgery because sometimes unexpected things happen that may shift your actual surgery time earlier or later than anticipated. Some real-life examples are a patient that arrives for surgery, and we discover that they are pregnant and we cancel their case; all other patients that day are going to get moved up to fill that time. Or a patient whose operation

proves to be more difficult and therefore longer than anticipated; we try to move your arrival time accordingly to minimize the time spent waiting in the surgical center.

I know it can be very frustrating and we do our very best to minimize scheduling changes, but how long a surgery lasts isn't always in our control. When I'm operating I focus all my attention on the patient and achieving the best possible outcome for their surgery and time plays no role in any decisions that I make or what I do. Please know that I will give you that same level of excellent care when you are in the operating room. I appreciate your understanding in this matter.

You are supplied with a special antimicrobial soap that we want you to use in the shower three times before surgery. You should shower with this soap the day before your surgery in the morning and again in the evening and then once again the morning of your surgery. This special soap helps to decrease the bacteria on your skin prior to the surgery. The only thing present during your surgery that can't be totally sterilized is your skin. The instruments, implants, and all the surgical drapes are sterilized through an autoclave, but we can't do that with your skin so we do the next best thing and decrease the bacterial numbers with this soap.

When you shower with the soap, we want you to use either a gentle luffa or a washcloth and put about 1/3 of the soap on it each time. After wetting your skin you should turn off the water and gently lather your skin with the soap. You do not need to scrub or rub firmly; if you are too aggressive with this soap you are more likely to get a topical rash, so all you are doing is gently spreading the soap across the skin. You want to cover the area extending from the neck to the umbilicus, shoulders and underarm areas. Do NOT wash your face with the soap. After spreading the soap across the area let it stay on your skin for about five minutes. Gently wipe the area with your hands several times each minute to help maintain a lather and ensure good coverage. After five minutes turn the water back on and rinse the soap from your skin.

Day of Surgery

Follow the above instructions on the morning of your surgery to wash your skin for the third time. Do not apply lotion or deodorant on your skin. Dress in comfortable clothes and shoes that slip on. Loose fitting elastic waist band pants and a zip up cotton sweatshirt are ideal. The zip-up sweatshirt is very convenient because the staff will help you put it on after your recovery. Shirts that must be pulled over your head are a little harder for you to negotiate.

Approximately 2 hours before your scheduled surgery you should take the following medications with a small sip of water: acetaminophen (Tylenol) 500 mg, celecoxib (Celebrex) 200 mg, and gabapentin (Neurontin) 300 mg. Using these medications before your surgery will help to improve your comfort and decrease the chance of nausea after your surgery.^{266,271,272,288-290}

When you arrive at the surgical center you are greeted by the friendly staff that will help guide you through the preparation for your surgery. There is some minor paperwork to fill out on the day of your surgery in the surgery center. We have you arrive in plenty of time so you do not feel rushed. These include consents for surgical procedures and brief health questionnaires. You may also want to bring a book or favorite magazine to help the time pass after you have checked in. You will be given a paper blouse to wear and a roomy tote bag to put your belongings in. Please plan ahead and don't bring any

valuables with you or make sure that they are given to your ride before they leave. We have plush robes for you to wear so you can stay warm and comfortable.

You will also need to provide a urine sample at the surgery center so we can conduct a pregnancy test. Try not to empty your bladder at the gas station down the street before you arrive so you will have fewer problems providing the sample. We have had a few “happy announcements” at the surgery center and therefore a pregnancy test is mandatory prior to any cosmetic procedure. The surgery center staff will also obtain some baseline vital signs (blood pressure, heart rate, oxygen saturation, and temperature). These will serve as the first data points to help ensure your safety during the surgery.

There is a lot going on during this time but try to stay as relaxed and calm as possible. It is not uncommon to feel like everything is happening very quickly and then nothing is happening. The old “hurry up and wait”. As previously explained, we try to minimize the wait time at the surgery center by adjusting your arrival time, but inevitably there will be some amount of waiting. If it is helpful you can listen to some music to help you stay relaxed.

Prior to your operation I meet with you in the privacy of a consultation room where I review our surgical plan. This includes confirming the implant size and type as well as any additional plans for a lift or liposuction that we made during our consultation. I review this with every patient prior to surgery to prevent any errors. I make marks on your chest and breasts to help guide me in the operating room because when you lay down on the table everything looks different. The marks are temporary and are easily washed off in the shower.

After speaking with me you will also meet with one of our certified nurse anesthetists and they will review your plan for anesthesia. All our nurse anesthetists are excellent and have extensive experience in performing cosmetic surgery anesthesia. They are skilled in providing you with not only a safe procedure, but also a procedure with the lowest risk of nausea and discomfort. They will briefly review your health history and familiarize you with what you will experience. Part of the paperwork that you will sign is a consent for anesthesia. I have the highest level of confidence in all our nurse anesthesia providers.

The nurse anesthetist will lead you from the private holding room into one of our state-of-the-art operating rooms and will help you get comfortable. Here you are typically greeted by your operating room nurse who introduces themselves and covers you with a warmed blanket when you lie down on the operating table. The nurse anesthetist will use a small amount of numbing medicine to anesthetize the skin prior to placing an IV through which all the remaining medications will be delivered. This is usually the last memory that people have of the entire operation or recovery. You will receive an antibiotic through your IV soon after falling asleep.

Once you are safely asleep, we clean your skin with a another, powerful antiseptic soap to help reduce the amount of bacteria even further from your skin. Sterile towels and drapes are then used to cover your skin to help prevent contamination of the surgical area. Your specific surgical plan including the implant size is then reviewed with the entire surgical team to ensure that the correct surgery plan is followed. Only after confirming your surgery plan with the entire surgical team do we begin the surgery.

Surgery

The technique I use for breast augmentation utilizes delicate and gentle tissue handling in order to minimize inflammation and swelling. This technique allows me to perform this operation with almost no blood loss (typical blood loss is less than one teaspoon for the entire operation). The blood loss during a typical breast augmentation can be 10 - 40 times more. More gentle tissue handling yields less inflammation and swelling; less bleeding means less bruising and the combination of these leads to a faster, easier, and more comfortable recuperation. Read my patient testimonials to hear about their recovery experience and help reinforce how quickly they recover.

In addition to the gentle tissue handling described above I also utilize other measures designed to help minimize complications. All patients receive IV antibiotics, have shields placed over the nipples, and the surgical pocket is irrigated with an antibiotic solution as an attempt to decrease any chance of contamination.^{120,175,291-293} The implant itself is not exposed to the air any longer than absolutely necessary, and I use a Keller funnel to minimize the chance of skin bacteria coming in contact with the implants.^{122,294-297} I use every method that has good scientific evidence to help decrease the chance of complications occurring after your surgery.¹²²

Recovery Room

As you begin to awaken after your operation you will be in our recovery area. You are monitored carefully in the recovery area until you have met all the criteria for discharge. The nurses in our recovery area are very experienced in helping this be a very relaxing time for you. They can administer medications as needed for your comfort and safety. You will already be wearing a bra that we provide to you to help minimize implant displacement and swelling. The nurses will help you slip into your clothes in preparation for returning home. When it is time to leave you are wheeled from the recovery room to the private exit where your car will be waiting a few feet away. This helps ensure patient privacy and convenience.

You must plan on having an adult driver (18 years or older) that will pick you up AND spend the first night in the same home. Most of the time this person will also be driving you to your appointment the next day. An Uber driver (or anything similar) is NOT acceptable for your ride home. Your driver will be given specific instructions for your care by the nursing staff and so this needs to be someone that will be with you that first night. If you arrive for surgery and do not have an adult ride home arranged, you will

“The staff at the surgical center on the day of surgery was excellent. They were calming, reassuring, and kind.”

--L.A. Boise, ID

be required to pay for a nursing service that can transport you and have someone with you the first night. This obviously increases your cost and is not covered as part of your surgical quote. This has not been an issue frequently, but a few patients have made it necessary to be very specific in this instruction.

The most common sensations that people relate to me are a feeling of pressure or tightness in the chest area. The pressure and tightness results from the stretch on the tissues after having the implant placed. I am surprised at how frequently patients relate that it is not necessarily a painful sensation, but rather it feels like the day after a strong chest workout, or other people describe it like the feeling of needing to nurse. Whatever the circumstance, you have a nurse at your side initially giving you medications to help

treat any discomfort you have and after you leave you have sufficient medications and measures to help you maintain your comfort.

You will be discharged from the recovery area only after you meet specific criteria. You are monitored closely to confirm that these conditions are met so that your safety is optimized. Don't be surprised if you think that you just barely woke up and now you're being wheeled out to your car. Let me assure you that does not happen. The medications you receive during the surgery impair your ability to hold on to short term memory for several hours. You will have been awake for much longer than you can actually remember. Your safety is our biggest priority at this stage of your recovery and we do not "rush" people out the door.

After you are discharged from the recovery room you can walk in your home or hotel a little bit and move around more. This movement and being up and active is actually beneficial for your recovery and helps you metabolize and process the medications better and faster. Encouraging a sleepy patient to be discharged can be beneficial in metabolizing things, and sometimes the recovery room nurses recognize that you are safe to be discharged and that you may benefit from being on your own. This is not "rushing you out the door" as mentioned earlier, it is just trying to make progress in your recovery.

At Home

The mainstay of your treatment is going to be using acetaminophen (Tylenol), celecoxib (Celebrex), and gabapentin (Neurontin) as frequently as allowed for the first day or two. As a reminder, acetaminophen (Tylenol) 500 mg should be used every four hours, celecoxib (Celebrex) 200 mg twice a day, and gabapentin (Neurontin) 300 mg three times a day. These medications go a very long way to maintaining your comfort. Approximately half of my patients do not need to use narcotic pain medications after breast surgery.

In addition, I want you to move your arms gently. I show patients a gentle stretching exercise to begin immediately after surgery and repeat it at least hourly while you are awake. The stretch involves placing the fingertips near your shoulders and drawing large, slow circles in the air with your elbows. The direction of the circles doesn't matter, what does matter is that you gently move the muscle and help prevent it from tightening and spasming. The only caution that I give is to remember that it is a stretch and not an exercise; that may help you understand the purpose a little bit better.

"I was surprised by my lack of pain and quick bounce back time."

--J.R. Salt Lake City, UT
Medical provider

If you do not have a lift as part of your surgery, then I will also give you instructions to use ice to help reduce the swelling and inflammation in the muscle. Place the refillable ice bag across the top of the breasts, leave it in place for 20-30 min and then allow an equal amount of time without ice before replacing it. The ice bag should not be in contact with the skin, your clothing and bra should be between it and your breasts. The ice and the stretches are just for your comfort so continue to use these methods of maintaining your comfort for as long as you believe they are helping.

The feeling of pressure and tightness eventually resolves over a period of several weeks. This corresponds to what some people refer to as the "drop and fluff" on the internet. I personally, and professionally, do not agree with the term "drop and fluff" because it infers that the implants move in

the tissue. As described earlier we do not want the implants to move. Instead, I refer to this period as “relaxation”; the tissue becomes less stretched and tight over time and the breast tissue settles.

Most patients are tired and fatigued after surgery and it is not uncommon to take several short naps afterwards. Several times a month, however, I have patients go out to dinner or to a movie the night of their operation because they feel so good. Don’t make any plans, but I don’t restrict your activities if you feel up to it. I contact all my patients the night of their operation to help ensure that you are recovering as expected. Please provide the surgery center staff with a telephone number that I can use to contact you that evening.

Patients often ask about what and when they should plan on eating after surgery. The simple rule I like patients to follow is: “Listen to your stomach”. If you aren’t hungry at all then don’t try to force yourself to eat anything substantial. Sometimes just having a cracker or two in your stomach will help you tolerate your medications better, but you don’t have to have a full meal. If your stomach tells you it wants a smoothie or French fries then eat a smoothie or French fries. On the other hand, if your stomach is telling you it wants something more substantial like a full meal then you’re probably going to do just fine having a full meal. Skipping a few meals is not a big deal at all as long as you maintain a reasonable level of hydration.

You received your first dose of antibiotic in your IV prior to surgery. Plan on taking your first antibiotic pill in the evening after your surgery. Use nausea medication if and when necessary. Remember to use your stool softener and your antacid medications as instructed.

Plan on sleeping at a gentle incline for your comfort (think of a recliner position). This is for your comfort because if you sleep flat you will tend to notice the sense of pressure against your chest more. Sleeping at a gentle incline typically reduces this sensation for most people. Additionally, sleeping in a gentle incline will help prevent you from turning onto your sides (or stomach). We do not want you to sleep on your side for usually about three weeks. Once you are comfortable being completely flat on your back, you no longer need to sleep at an incline – unless you need to be on an incline to help prevent you from turning onto your sides.

You will be wearing a soft, cotton, surgical bra with some gauze or bandages under it. You can adjust the bra if necessary for your comfort, but you are not required to do anything at all the first night. If you feel the need to adjust the bra it clasps in the front with hook and loop fasteners. You don’t have to worry about damaging or ruining anything by adjusting the bra. I put the implants in the correct position and purposely left good connective tissue to help provide support for the implants. Feel free to adjust the bra as you see fit.

It is normal to have feelings or sensations that you have never experienced before. Let’s face it, you may be getting used to the fact that you have breasts for the first time either in a long time, or in your entire life. Occasional shooting pains which last for only a few seconds are commonplace during the first several weeks. You may also feel a sensation which is best described as “rice crispies” beneath your skin. This is because there is a small amount of air beneath the muscle which takes your body one or two weeks to completely absorb. You will recognize it when you feel it. It is not uncomfortable at all, but it is not a sensation that you are familiar with. You may also be able to hear the movement of air or fluid within the tissues. These sounds and sensations are temporary and usually resolve within the first several weeks.

When you are discharged home from the surgery center you typically are wearing some white compression stockings that have a giant hole in the toe area so you can ensure that your toes are getting adequate circulation. These stockings are used to help protect your skin from irritation because during the operation you have compression sleeves alternately inflating and deflating balloons on your legs. These devices are “sequential compression devices” (SCD’s) and are used to help reduce the risk of blood clots associated with having surgery.

These stockings also help to reduce the amount that your feet and ankles will swell. For several days after any type of surgery your body will retain water and you will tend to swell. Once at home you can decide whether or not you want to continue wearing these light compression stockings. I typically recommend wearing them overnight and then removing them the next morning, but you can wear them shorter or longer if you would like. Unlike previously thought, these light compression stockings do not help reduce the risk of blood clots. By far the best prevention of blood clots is getting up and walking as much as you feel possible.

Day After

You will be scheduled for an office visit the day after your surgery. You typically meet with one of my office staff to ensure that we don’t need to adjust or administer any medications and to make sure you’re recovering as expected. This is typically a very short visit, but it gives you a chance to ask questions that have come up overnight. This also gives you the opportunity to see your breasts for the first time. It is normal to have a small amount of swelling of the skin and therefore your breasts may look slightly larger than expected. Don’t worry, you were confident in the size you selected, and your breasts will decrease slightly in size to match your expectations.

There is nothing special about your initial post-surgical bra. The intent is just to have a bra that is comfortable and that offers you some gentle support. If that bra is not comfortable for any reason you can use any bra that you find comfortable. Sometimes it is the material of the bra that causes irritation and if that is the case you can put on a thin, cotton T-shirt under the bra. After recovering for a week we will instruct you on using the underwire bra. For the first week, just stay as comfortable as you can, however you can.

Muscle stiffness and ache may increase on days 2 and 3 and the gentle stretching exercise can really help with this. Some doctors prescribe muscle relaxers to help with this, but adding muscle relaxers is rarely necessary because stretches are so helpful. Sometimes patients complain of pain in their back – typically between the shoulders. For whatever reason this tends to be a very common finding and the thing that tends to be most helpful is a heating pad on the lowest heat setting. Make sure the heating pad is not in direct contact with your skin and place it wherever the pain is greatest. This tends to be very effective for pain in between the shoulder blades and lower back. Please note that we do not want heat on the breasts unless you are specifically directed to do so.

After your surgery I want you to be active. If you are not napping or sleeping, I do not want you in bed. That’s right, I don’t want you to recover in bed. Instead, I want you up and moving. You will find that after the general anesthesia that you may find yourself wanting to take a nap or two during the first few days of your recovery. The idea, however, of lying in bed recovering from your surgery is not only outdated, but it is wrong. This slows your recovery, increases stiffness, and places you at greater risk of complications. Get up, get moving, get better.

Now, a lot of my patients get excited when I tell them I want them to be active. They think that they will be able to just get right back into their daily routine of going to the gym every day. This is not quite my intention either. I want you to be active, but I do not want you to be doing anything strenuous. I do not limit you on walking and moving around; I do not however want you back in your Pilates class. You need to give yourself time to heal but I think being up and moving helps speed your recovery. I like to think of it as an “active recovery” – but make no mistake, your body is healing from the surgery.

1 week after surgery

You will be scheduled for an appointment one week after your surgery. By now you should be feeling much better and will already be excited about your new look. During this appointment we remove the tape covering the incision and provide you with a detailed instruction card to help you remember the instructions that we give you.

All the sutures I use are beneath the surface of the skin so you will never see them. They eventually dissolve and go away; you don't have to have any stitches removed. I always have you pay attention to the scar during this visit because it is usually barely visible even when you are looking for it. This is ultimately how the scar will look, but during the next few weeks the color of the scar will become darker, and it will begin feeling a little firm and stiff. This is a normal progression and the instructions we give you about scar massage will help that scar return to normal skin color as rapidly as possible.

Patients living out-of-state may elect not to return for this one-week appointment. We will instruct you to forward some photos to my office so that I can make sure that things are healing as anticipated. We will give you instructions on removing the tape strip over the incision and will make sure that you are given a copy of the detailed instruction card before you return home. We will make sure you understand all the instructions and how you can contact us in case you have any questions or concerns.

Scar cream should be applied twice daily once the surgical tape has been removed. We have confidence in the scar cream that we provide. There are many scar creams on the market, but not all creams are of equal efficacy. The scar cream we suggest has been selected very carefully to help provide the best outcome for your scars. There is good evidence that scar cream is beneficial when used correctly.²⁹⁸⁻³⁰⁰ You will apply a very small amount of the cream to the scar twice daily for six months. A little goes a long way and you can use it sparingly. For breast augmentation patients the scar cream we provide you with should last for almost four or five months. If you had a lift (with correspondingly more scars) it won't last as long.

Starting one week after your surgery we want you to be in a supportive underwire bra. **You should wear the bra 24/7 for an entire six months.** The bra that I have the most experience with is the Knockout bra by Victoria Secret. This is an underwire sports bra combination that offers excellent support and comfort. Although uncommon, some patients find it difficult to find the right fit in that particular bra. If that is the case, then use another similar bra by a different manufacturer. The purpose of this bra is to help ensure that the implants do not stretch through the tissue before the scar tissue has

“For the first time in my life I love my breasts. Dr. Fryer and his team were so helpful and patient with me and the entire recovery was way easier than I expected. I wish I found Dr. Fryer years ago because he understood all the reasons I was afraid of having breast augmentation. My results far exceeded my expectations.”

--C.H. Reno, NV

a chance to form. If you decide to use a different manufacturer's bra make sure that it *feels* very supportive.

The size of your breasts at your one-week appointment is the size you are going to be so you can accurately determine the correct bra size. Victoria Secret will measure your breasts to determine the best size of the Knockout bra for you. Do not be surprised if their suggested cup size is not the cup size you had anticipated for your result. It doesn't really matter what the tag on the bra says, it doesn't change the size of your breasts. I'm sure that you could find a bra somewhere that matches what you had previously anticipated. You were confident in the sizing before the surgery, you are going to be very happy with the size.

The shape and feel of your breasts is still going to change for many more weeks, so try to be patient. Your breasts will still feel overly firm at this point and have not had a chance to soften and relax. Sometimes people refer to this as "drop and fluff" on the internet, but I do not agree with that terminology because we don't want the implant to "drop". I want the implant to stay right where I placed it in the tissue. At this point your breasts will have too much fullness at the top and I can understand how some people would think that this is the implant that needs to drop down. Instead, this is your own breast tissue that the tight skin envelope is holding in place and the skin needs to relax to allow the volume to redistribute itself.

Sometimes people will ask what they should do for swim wear because of an upcoming vacation. I first need to remind you that there are some activity restrictions initially after surgery, so just make sure that you comply with those recommendations. The nice thing about the Victoria Secret Knockout bra is that it comes in some really fun colors and designs and *looks* like a swim top. Just use it as a swim top and find something to match for the bottom. Many of my patients report that the Knockout bra is their favorite bra to wear when working out, and sometimes even swimming, because of how supportive and comfortable it is.

We will show you some implant displacement massages that you begin after your one-week post-op appointment. These displacement massages are intended to help ensure that the scar tissue becomes (and remains) soft and supple. There are printed instructions for you and my nurses help demonstrate those massages, but there is not a single right way to do it. There is, on the other hand, a wrong way to do them. Remember the tissue supporting the position of the implants is weakest at the bottom and the outside. Therefore, as you are performing the implant displacements you don't want to stress the tissue of the bottom or lateral side of the implants. Any type of displacement massage is acceptable as long as the bottom and lateral scar tissue is not stressed or stretched. Perform these displacement massage exercises three times a day for the first three months.

It is very normal to have some abnormal sensations at this point in your recovery. Both decreased, and increased sensations are common. This is a sign that there are still some nerves that are healing from the trauma of the surgery. Increased, sometimes painful, sensation to light touch typically becomes less intense as time progresses. Uncommonly the increased sensitivity to light touch may require that we prescribe a compounded cream to help calm the nerves. Diminished sensation typically reverts towards more normal feeling over several weeks or months. There is no exercise or dietary supplement that speeds this process. The main ingredient in nerves returning to normal function is: time; we have to be patient and just allow the healing process to proceed.

If you have a lift at the same time as your augmentation then I will also see you in my office three weeks after the surgery. This appointment is to help ensure proper healing of the scars from the lift. In my opinion this is an even more important visit for a lift patient than the one-week appointment. If you're going to have a wound healing issue that requires some intervention, this is the most common timeframe for that to begin .

For most patients this is the only post- operative appointment that you need. If we need to guide you in massaging one implant more aggressively in order to help it settle into place, then I may have you return at either week 2 or 3. This is the exception and not the rule. Subtle differences in how the implants are settling can usually be corrected and managed with implant massage. My nurses and I are always available if you have other questions, but usually after this visit my patients only return three months later to have photos taken.

Gradually increase your activity level

During the first two weeks I want you to keep your heart rate under 120 beats per minute. From two to four weeks after surgery your heart rate should stay under 140 beats per minute. By six weeks after surgery I no longer have any heart rate restrictions for you. Your heart rate serves as a gauge to your activity level. I want you to be active; I don't want you doing anything too strenuous. This limitation is intended to safeguard you from two potential complications: bleeding and implant malpositioning.

Bleeding can result from activity that is too intense, muscle contraction that is too forceful, or pressure against the breast that is excessive. Intense activity can lead to substantial increases in blood pressure. The healing tissue may not be able to tolerate those increases and blood vessels that were previously coagulated can begin to bleed. Your muscle is prone to further damage or tearing until it has fully healed. Intense activity that involves forceful or violent contractions of the muscle can create tears or damage that can therefore result in bleeding. Excessive force against the breast tissue or manipulation can likewise result in bleeding.

You can follow my exercise planner for ideas and instructions on performing exercises that will not interfere with your muscles' ability to heal. While the scar tissue (capsule) is forming we don't want you to do anything that is going to disrupt or stretch the scar tissue. This can lead to bottoming out (malpositioning) and would require a revision surgery to correct. Generally, I don't want you lifting anything over six to eight pounds for the first six weeks. Each time you contract your chest muscle (pectoralis) it compresses the implant which applies stress to the tissue. We don't want that. We want the scar tissue (capsule) to form right where I positioned the implant in the operating room.

After six weeks you can begin performing light upper body exercises with dumbbells up to about ten pounds. This isn't increasing the amount of weight that we are allowing you to lift by much at all. The difference is that you can now begin lifting it repeatedly with exercise. In other words, you still won't be stressing the tissue very much, but you will be stressing it over a longer duration. By three months you can begin to increase the weight of the dumbbells and even slowly begin to add in barbells.

If your level of exercise is greater than just casual workouts, then I want you to proceed even more carefully and cautiously. If you spend multiple days a week in the gym lifting heavy weights and working up a sweat then I'm talking to you. You know who you are. Crossfitters, triathletes, high intensity interval trainers (HIIT), fitness instructors, personal trainers, and people working with personal trainers

fall into this category. I really don't want you to start stressing that forming scar tissue (capsule) extensively until at least three months.

Please introduce your activities with a little caution and common sense. Don't start right where you left off before surgery and expect to be able to perform at that level. Don't worry, your strength and energy will rapidly return after you get back into your routine. During the first three months any sudden or violent contractions of the chest muscles place you at risk of stretching the scar tissue (capsule) or tearing the muscle itself.

Starting two weeks after surgery I want you to firmly massage the scar cream into the scar. It is normal for the scar to feel stiffer as you progress through the first four weeks. This is totally normal as your tissue heals and is called a healing ridge. It can feel so stiff and firm that it feels like there is a "ridge" of tissue beneath the incision, hence the name "healing ridge". Spend 15-20 seconds massaging the scar cream firmly into each scar. This is easily incorporated into your routine for the implant massage. Scar creams are beneficial for the first six months and can substantially improve the quality and appearance of the surgical scars. The healing ridge slowly resolves and softens over the next two to three months. Actively massaging the skin scar is different from the scar forming around the implant (the capsule). It is desirable to forcefully massage the healing ridge of the skin scar, but we don't want to be too aggressive with the scar capsule around the implant.

Intimacy. There, I said it, but I know you were probably thinking about it. One would be naïve to think that your breasts' appearance had nothing to do with how confident you feel regarding personal relationships. You need to be careful and cautious as you resume intimate relationships. Follow the same guidelines already outlined on how much force you create with the muscles of your upper body. Additionally, you need to use caution with how much pressure or force is applied against your breasts during this healing phase of your recovery. This is something that needs to be communicated with your partner beforehand. It doesn't do any good for you to know the restrictions or limitations if your partner is unaware of them. Now there are two people that need to follow activity guidelines.

So, what are the restrictions regarding intimacy? Good question, but it doesn't really lend itself to a simple answer. It basically means your partner needs to be aware of the lifting restrictions for your upper body and they to be able to "imagine" the force or pressure that it would apply on the tissue of your breasts and then try to stay well within that range. I know, it's not a very specific or detailed answer, but it's the best answer I can give. You can use a little creativity to help ensure you stay safely within the intended guidelines while still engaging in gentle intimacy.

Ultimately these are conservative guidelines to follow because no one can truly anticipate how much is going to be too much for each individual. Patients will often seek for further clarification by asking a myriad of questions typically beginning with, "But what if I....". My answer is always the same. There is no way for me to know how strong your tissue is going to be and therefore I always default to the more conservative recommendation. Are my recommendations too conservative for some patients? Likely, yes. Alternatively, are my recommendations just barely conservative enough for some patients? Again, likely, yes. There is no way for either of us to know which group you are in, until it is too late, and the damage has potentially already been done. Therefore, by default I always suggest the more conservative option.

Initially I give my patients instructions to sleep on their back and avoid sleeping on their side or stomach. This is good advice for the first three weeks. I don't really want you placing more pressure or strain on one side until your body has begun to form some scar tissue around the implant to help hold things in place. After three weeks you can slowly begin to apply more sleeping pressure on the sides of your chest. I would still prefer at least six weeks before sleeping on your stomach because that applies even more pressure against your breasts.

Sometimes people tell me the hardest part about their recovery was sleeping on their back. If you aren't accustomed to sleeping on your back it can be difficult but there are some things that can help. If you experience pain in your lower back when sleeping on your back sometimes using a pillow beneath your knees can help relieve that tension. Placing a pillow beneath your knees will gently flex your hips and knees and that can help relieve back tension. If you just have a hard time staying on your back and find yourself on your side when you wake up then sleeping in a recliner or similar position helps you stay on your back. The recliner position also gently flexes your hips and knees to help relieve tension or pressure on your lower back.

Patients often ask about chiropractic adjustments and massages and when those can be started. As a general rule I don't encourage people to lie on their stomach for at least six weeks so I don't encourage any adjustment or massage that would require you to be on your stomach. Additionally, even after six weeks if they are going to add significant pressure over the upper back that would transmit more pressure to the breast area, I would likewise discourage that. Again, it is very difficult to give adequate instructions for every situation and circumstance, so the best advice that I can give is to just be as cautious and conservative as possible.

Initially I want you to shower and not bathe. Bathing to get clean can be started usually by two or three weeks after surgery. Bathing to relax and soak should be postponed until four or five weeks after surgery in most instances. This would include hot tubs and potentially saunas for relaxation as well. These are general guidelines and if you have a lift and experience any delays in wound healing these recommendations could be delayed even further until healing of the tissue has been achieved. Once again, little harm can come from being overly conservative and therefore that is usually how I advise my patients.

3 months post-surgery

It always surprises me how quickly three months seems to pass. Sometime between your last appointment and now the tissue of your breasts has softened and relaxed considerably. Your breasts should now feel soft and natural. You should be in the process of rejoining your normal activities and you should be fully and completely in love with your new breasts. If you ever have questions before this appointment, you are welcome to contact my helpful staff. They are incredibly helpful and can usually answer your questions and resolve issues or concerns over the phone. If they feel like a visit in the clinic is necessary, then we can arrange to see you at the earliest convenience.

You will be contacted either by email or text as a reminder to return for your three-month post-op exam. This exam is to ensure that your incisions are well healed, and the implants remain in their proper

“My experience with Dr. Fryer has been nothing short of amazing. I had been going back and forth on whether I would like to go through with Breast Augmentation surgery for at least ten years, and finally decided I was ready to do it....The staff was super friendly, helpful and kind. I am about two months post-op and I am so happy with the results. I'm finally feeling comfortable and confident.”

--A.H. Sandy, UT
5-STAR Google review

position. My assistants will take some standardized photographs soon after you arrive to help us (and you) assess the outcome. By this time many patients have a hard time remembering what they looked like before their operation so comparing what you see in the mirror with what we have documented as your starting point can be very fun. It is always very rewarding to see how happy and satisfied my clients are at this appointment.

Things to remember at this point in your recovery are that you still have some instructions to follow and some minor restrictions. I still want you to be in the underwire sports bra 24/7 and continue using the scar cream twice daily through the end of six months. By three months the strength of the skin closure scar is nearing 100%.³⁰¹

The healing of the scar tissue (capsule) supporting the position of the implant is similar to, but not exactly the same as the skin and the development of strength is likely lagging slightly. There are subtle differences in the types of collagen present in the scar tissue and for how long those types of collagen are present.³⁰² That is why I choose to be more conservative with how long I recommend wearing the underwire bra 24/7; keep on wearing it through 6 months.

By three months the scars are typically softer and more supple than they were several months ago. There is likely still some softening that will yet occur. Ultimately the scar should feel as soft and supple as the normal surrounding skin. The color of the scar is typically still fairly dark. This is absolutely normal and expected. It can take almost a full year for the color of the scar to fade back to its final color. For people of color the final shade of the scar is slightly darker than the surrounding skin and for others it is slightly lighter than the surrounding skin. This is a generalization and subtle differences in scar color are always possible.

Abnormal scarring results are typically noticeable by this time as well. Abnormal scar appearances to be watching for at this time are scars that are raised, excessively thickened or widened, and extremes in hyperpigmentation (dark discoloration). The scar cream that we provided you helps to prevent these types of scars but occasionally additional interventions are necessary. This may include the use of silicone tapes, steroid injections, or other medical interventions if indicated. Abnormal scarring is definitely the exception to the anticipated outcome. If this becomes an issue for you there are interventions and options that we can explore.

If you experienced decreased or abnormal sensation after the surgery this is an important timeframe for you. If you have noticed any type of improvement or change in the sensation of your breasts by this appointment, then this is a very good sign. This is a sign that the nerve has begun to heal and with even more time greater improvement is possible. If, on the other hand, you have not noticed any difference during the last three months, it is more likely that the nerve injury is permanent. There is still some

slight chance that the nerve may still recover to some degree even if there hasn't been improvement within this timeframe.

Although uncommon, sometimes patients have outcomes at the 3 month visit that are not optimal. Sometimes it's as simple as needing to allow some additional time for the tissue relaxation to occur. It is not uncommon for one breast tissue to relax at a different rate, or at a different time than the other. If this is the case simply waiting for some additional time can yield the optimal result. Sometimes I recommend waiting several additional months to help ensure that we are not incorrectly diagnosing and treating something. The most common situation fitting this category is when someone is worried that they have a capsular contracture because one side is firmer than the other. Instead of a capsular contracture, however, this could be an example of one side relaxing too much, too soon and be a case of bottoming out (malpositioning) and the side previously thought to be a capsular contracture could be totally normal. Only time can tell in that situation.

If you aren't completely thrilled with your result please talk with me. My goal is to give you the best result possible and am happy to talk with you about things that can be done to help achieve it. I think I am very reasonable and if there is anything that can be done and the risk benefit ratio is in your favor then we should consider doing it. It is frustrating when things don't turn out like we anticipated. Compounding that frustration is the fact that I know my patients are following all of my instructions and doing their best to allow things to heal. I also do everything that I can to help achieve the best outcome for every patient. Despite this, occasionally patients will require revision surgery to achieve the optimum results.

My ability to achieve optimal results with a revision surgery are extremely high. A significant portion of my reputation regarding breast surgery comes from my ability to revise other surgeons' work and achieve the balanced, natural result that the patients were always looking for. Revision surgery is not easy and that is why you really want someone that knows their craft well. Revising my own work is always easier and more straightforward than revising a different surgeon's work. Regardless of the situation, I want you to have the best possible outcome from your surgery.

Longer term thoughts

I take every precaution both in preparing my patients for surgery and in the operating room to prevent and delay capsular contracture. The national literature reports most women have a repeat operation on their breasts on average every ten years. The second most common reason for these operations is capsular contracture; the tightened scar tissue is released or removed and then the implant is incidentally replaced because it is becoming old.³⁰³ All of the steps that I take to prevent capsular contracture will likely lead to the scar tissue staying soft and supple for much longer. I don't see capsular contracture in my patients anywhere close to this extent, so it is not something that I worry about frequently. Even if your scar tissue stays soft, **you should**

"Dr. Fryer did my breast augmentation 6 years ago and I never posted a Google review, so here I am because he deserves it! I've referred five girls to him because he is hands down the best in Utah! I haven't had any issues in the six years I've had them and I promise you, they look FLAWLESS. Would do it all over again in a heartbeat. Do not even consider other surgeons, Fryer is THE guy!"

--J.C. Ogden, UT
5-STAR Google review

still think about exchanging your implants for a new set approximately every ten years.³⁰⁴

You do not need to “be careful” with the implants; they are designed to withstand significant force. The implants’ shell simply becomes weaker and more fragile with time. They wear out. The majority of these repeat operations reveal implants that are still intact. That’s good, that’s what we want; we want to operate before the implant has ruptured because it is a much easier, straightforward operation and has a much easier recovery than if we must remove ruptured silicone and remodel scar tissue. Plan ahead and begin thinking about a time that would be convenient for you to take a few days to recover from a simple, straightforward implant exchange. Although it is uncommon, ruptured implants are a reality and I will do everything possible to expedite your care. My office will take care of all the paperwork for warranty service and make all necessary arrangements.

I am honored that you selected me as your surgeon to care for you. It is a great demonstration of trust to place yourself into someone’s hands having confidence in the outcome. As a way to show my appreciation for your trust I offer all my clients a loyalty discount of 5% off all full-priced future surgeries. This is another way to help you feel like you are an important part of my practice.

I build my practice on excellent results and happy patients. When you are excited about your results you will likely want to share your experience with your friends. This is also a great honor to take care of your family and friends and I will do all that I can to deliver the same level of excellent care and service. This word-of-mouth growth in my practice is greatly appreciated because these new patients automatically share your confidence and trust in my abilities. Thank you for helping my practice grow.

I also perform a high volume of tummy tuck procedures. This is sometimes combined with breast augmentation with or without a lift in a procedure we call a “mommy makeover”. My tummy tuck patients get outstanding improvement in the contour of their abdomen and they also get a cute, sexy belly button. It is common for my patients to tell me that their belly button looks better than any other they have seen. Look carefully at before and after photos; you don’t want to have a big, round, flat belly button. I determine the best option for my patients’ body contouring procedure and utilize the best technology available to give them results which are exceptional.

I perform all other types of cosmetic surgery as well, but my practice is mostly built on breast and abdominal surgery by design. The reason I emphasize these two fields of cosmetic surgery is because I believe my results are better than anyone else’s. I believe that I have made meaningful contributions to improve patient outcomes and safety in these areas. I believe that I will continue making significant impacts in these areas of surgery as I continue to think outside the box.

Epilogue

If you have reached this point in the planner, I am confident that you will agree that there is no more comprehensive review of information on this subject anywhere on the internet. You may have already been familiar with some of the topics, but I bet that I helped you understand things even better than you did previously. Some topics may have been brand new and I hope the format and presentation helped make it understandable.

I love educated patients. That's why I spent countless hours putting this together – to educate my patients. You should feel confident in your decision to have breast augmentation – if that is your desire. It is your body and your choice. I feel strongly that patients should have access to accurate and dependable information to help them make an informed choice. I believe this planner provides that information for you.

Most of my patients read this planner before their visit with me. Many patients relate that this planner alone made their decision to select me as their surgeon. Some patients have read it multiple times and have it highlighted on their iPad. A few may decide that breast augmentation isn't for them. And that's OK. The only person you are really doing this for is yourself; and it's not right for everyone.

I am confident in my ability to give you an excellent result so that you will become one of my loyal patients. I believe I achieve the best-looking breasts for each of my patients. I am equally confident in my abilities to rescue poor results obtained from other surgeons. I do more complex revision operations than any other surgeon I'm aware of. If nothing else, I hope the information in this planner helps you avoid making very costly and traumatizing outcomes of choosing the wrong surgeon.

My practice is now focused primarily on surgeries of the breast and the tummy. These are frequently referred to as “mommy makeover” procedures in social media and on the internet. Yes, I can and do perform all other types of cosmetic procedures, but I focus on the breasts and abdomen because I think my results in these areas are exceptional. My patient comments help support that belief.

Please do not hesitate to contact my office with any other questions you may still have. I look forward to helping you achieve the beauty and confidence you desire.

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