

INFORMED CONSENT – GYNAECOMASTIA SURGERY

INSTRUCTIONS

This is an informed-consent document that has been prepared to help inform you concerning gynaecomastia (male breast reduction) surgery, its risks, as well as alternative treatment(s).

It is important that you read this information carefully and completely. Please initial each page, indicating that you have read the page and sign the consent for surgery as proposed by your surgeon and agreed upon by you.

INTRODUCTION

Gynaecomastia surgery is a procedure to remove excess fat, glandular tissue and/or skin from overdeveloped or enlarged male breasts. In severe cases of gynaecomastia, the weight of excess breast tissue may cause the breasts to sag and stretch the areola (the dark skin surrounding the nipple). In these cases, the position and size of the areola can be surgically improved and excess skin may need to be reduced. Gynaecomastia may result from hormonal changes, heredity, disease, or the use of certain drugs, and can present unilaterally (one breast) or bilaterally (both breasts).

There are a variety of different techniques used by surgeons to treat gynaecomastia. Gynaecomastia surgery can be combined with other forms of body-contouring surgery, including liposuction, or performed at the same time with other elective surgeries.

ALTERNATIVE TREATMENTS

Alternative forms of management consist of not undergoing the surgical procedure or wearing undergarments to help mask the appearance of large breasts. In selected patients, liposuction has been used to reduce the size of large breasts. Risks and potential complications are associated with alternative forms of treatments.

RISKS OF GYNAECOMASTIA SURGERY

Every surgical procedure involves a certain amount of risk and it is important that you understand these risks and the possible complications associated with them. In addition, every procedure has limitations. An individual's choice to undergo a surgical procedure is based on the comparison of the risk to potential benefit. Although the majority of patients do not experience these complications, you should discuss each of them with your surgeon to make sure you understand all possible consequences of gynaecomastia surgery.

Allergic Reactions:

In rare cases, local allergies to tape, suture material, glues, blood products, topical preparations or injected agents have been reported. Serious systemic reactions including shock (anaphylaxis) may occur to drugs used during surgery and prescription medications. Allergic reactions may require additional treatment.

Asymmetry:

Symmetrical body appearance may not result from gynaecomastia. Factors such as skin tone, fatty deposits, skeletal prominence, and muscle tone may contribute to normal asymmetry in body features. Most patients have differences between the right and left side of their body before any surgery is performed. Additional surgery may be necessary to revise asymmetry after gynaecomastia.

Bleeding:

It is possible, though unusual, to experience a bleeding episode during or after surgery. Should post-operative bleeding occur, it may require emergency treatment to drain accumulated blood or blood transfusion. Intra-operative blood transfusions may be required. Do not take any aspirin or anti-inflammatory medications for ten days before surgery, as this may increase the risk of bleeding. Non-prescription "herbs" and dietary supplements can increase the risk of surgical bleeding. Hematoma can occur at any time following injury to the breast. If blood transfusions are needed to treat blood loss, there is a risk of blood related infections such as hepatitis and the Human Immunodeficiency Virus (the virus that causes AIDS).

Surgical wetting solutions:

There is the possibility that large volumes of fluid containing dilute local anesthetic_drugs and epinephrine that is injected into fatty deposits during surgery may contribute to fluid overload or systemic reaction to these medications. Additional treatment including hospitalization may be necessary.

Breast disease in male patients:

Breast disease and breast cancer can occur independently of_gynaecomastia surgery. If a mass is detected, seek professional care immediately to obtain proper care.

Breast and Nipple Piercing Procedures:

Individuals who currently wear body piercing jewelry in the_breast region are advised that a breast infection could develop from this activity

Interference with Sentinel Lymph Node Mapping Procedures:

Breast surgery procedures (periareolar,_transmammary) that involve cutting through breast tissue, similar to a breast biopsy, can potentially interfere with diagnostic procedures to determine lymph node drainage of breast tissue to stage breast cancer. If this is a concern, individuals considering breast surgery by the periareolar, transmammary approach may elect to consider another surgical approach (inframammary or standard periareolar).

Change in Nipple and Skin Sensation:

You may experience a diminished (or loss) of sensitivity of the_nipples and the skin of your breast. Permanent loss of nipple sensation can occur after gynaecomastia in one or both nipples. Changes in sensation may affect sexual response. In rare circumstances the nipple may be lost entirely.

Damage to Deeper Structures:

There is the potential for injury to deeper structures including, nerves,_blood vessels, muscles, and lungs (pneumothorax) during any surgical procedure. The potential for this to occur varies according to the type of procedure being performed. Injury to deeper structures may be temporary or permanent.

Delayed Healing:

Wound disruption or delayed wound healing is possible. Some areas of the breast_skin or nipple region may not heal normally and may take a long time to heal. Areas of skin or nipple tissue may die. This may require frequent dressing changes or further surgery to remove the non-healed tissue. Smokers have a greater risk of skin loss and wound healing complications.

Fat Necrosis:

Fatty tissue found deep to the skin might die. This may produce areas of firmness within_the skin. Additional surgery to remove areas of fat necrosis may be necessary. There is the possibility of contour irregularities in the skin that may result from fat necrosis.

Infection:

Infection is unusual after surgery. Should an infection occur, additional treatment including_antibiotics, hospitalization, or additional surgery may be necessary.

Scarring:

All surgery leaves scars, some more visible than others. Although good wound healing after a_surgical procedure is expected, abnormal scars may occur within the skin and deeper tissues. Scars may be unattractive and of different color than the surrounding skin tone. Scar appearance may also vary within the same scar. Scars may be asymmetrical (appear different on the right and left side of the body). There is the possibility of visible marks in the skin from sutures. In some cases scars may require surgical revision or treatment.

Seroma:

Fluid accumulations infrequently occur in between the skin and the underlying tissues. Should this problem occur, it may require additional procedures for drainage of fluid.

Shock:

In rare circumstances, your surgical procedure can cause severe trauma, particularly when multiple or extensive procedures are performed. Although serious complications are infrequent, infections or excessive fluid loss can lead to severe illness and even death. If surgical shock occurs, hospitalization and additional treatment would be necessary.

Skin Contour Irregularities:

Contour and shape irregularities may occur after gynaecomastia. Visible and palpable wrinkling may occur. One breast may be smaller than the other. Nipple position and shape will not be identical one side to the next. Residual skin irregularities at the ends of the incisions or “dog ears” are always a possibility when there is excessive redundant skin. This may improve with time, or it can be surgically corrected. Nipple retraction may occur after gynaecomastia surgery.

Skin Discoloration/Swelling:

Some bruising and swelling normally occurs following a mastectomy. The skin in or near the surgical site can appear either lighter or darker than surrounding skin. Although uncommon, swelling and skin discoloration may persist for long periods of time and, in rare situations, may be permanent.

Skin Sensitivity:

Itching, tenderness, or exaggerated responses to hot or cold temperatures may occur after surgery. Usually this resolve during healing, but in rare situations it may be chronic.

Surgical anesthesia:

Both local and general anesthesia involves risk. There is the possibility of complications, injury, and even death from all forms of surgical anesthesia or sedation.

Sutures:

Most surgical techniques use deep sutures. You may notice these sutures after your surgery. Sutures may spontaneously poke through the skin, become visible or produce irritation that requires removal.

Long-term Results:

Subsequent alterations in the breast shape may occur as the result of aging, sun exposure, weight loss, weight gain or other circumstances not related to your surgery. Breast sagging may normally occur.

Pain:

You will experience pain after your surgery. Chronic pain may occur very infrequently from nerves becoming trapped in scar tissue.

Unsatisfactory Result:

Although good results are expected, there is no guarantee or warranty expressed or implied, on the results that may be obtained. You may be disappointed with the results of gynaecomastia surgery. Asymmetry in nipple location or unanticipated breast shape and size may occur after surgery. Unsatisfactory surgical scar location visible deformities at the ends of the incisions (dog ears), loss of function, wound disruption, poor healing, and loss of sensation may occur. It may be necessary to perform additional surgery to improve your results.

Deep Venous Thrombosis, Cardiac and Pulmonary Complications:

Surgery, especially longer procedures, may be associated with the formation of, or increase in, blood clots in the venous system. Pulmonary complications may occur secondarily to both blood clots (pulmonary emboli), fat deposits (fat emboli) or partial collapse of the lungs after general anesthesia. Pulmonary and fat emboli can be life-

threatening or fatal in some circumstances. Inactivity and other conditions may increase the incidence of blood clots traveling to the lungs causing a major blood clot that may result in death. It is important to discuss with your physician any past history of blood clots or swollen legs that may contribute to this condition. Cardiac complications are a risk with any surgery and anesthesia, even in patients without symptoms. *If you experience shortness of breath, chest pains, or unusual heart beats, seek medical attention immediately.* Should any of these complications occur, you may require hospitalization and additional treatment.

Smoking, Second-Hand Smoke Exposure, Nicotine Products (Patch, Gum, Nasal Spray):

Patients who are currently smoking, use tobacco products, or nicotine products (patch, gum, or nasal spray) are at a greater risk for significant surgical complications of skin dying, delayed healing, and additional scarring. Individuals exposed to second-hand smoke are also at potential risk for similar complications attributable to nicotine exposure. Additionally, smokers may have a significant negative effect on anesthesia and recovery from anesthesia, with coughing and possibly increased bleeding. Individuals who are not exposed to tobacco smoke or nicotine-containing products have a significantly lower risk of this type of complication. Please indicate your current status regarding these items below:

_____ I am a non-smoker and do not use nicotine products. I understand the risk of second-hand smoke exposure causing surgical complications.

_____ I am a smoker or use tobacco / nicotine products. I understand the risk of surgical complications due to smoking or use of nicotine products.

It is important to refrain from smoking at least 6 weeks before surgery and until your physician states it is safe to return, if desired.

Intimate Relations After Surgery:

Surgery involves coagulating of blood vessels and increased activity of any kind may open these vessels leading to a bleed, or hematoma. Increased activity that increased your pulse or heart rate may cause additional bruising, swelling, and the need for return to surgery and control of bleeding. It is wise to refrain from sexual activity until your physician states it is safe.

Mental Health Disorders and Elective Surgery:

It is important that all patients seeking to undergo elective surgery have realistic expectations that focus on improvement rather than perfection. Complications or less than satisfactory results are sometimes unavoidable, may require additional surgery and often are stressful. Please openly discuss with your surgeon, prior to surgery, any history that you may have of significant emotional depression or mental health disorders. Although many individuals may benefit psychologically from the results of elective surgery, effects on mental health cannot be accurately predicted.

Medications:

There are many adverse reactions that occur as the result of taking over the counter, herbal, and/or prescription medications. Be sure to check with your physician about any drug interactions that may exist with medications which you are already taking. If you have an adverse reaction, stop the drugs immediately and call your surgeon for further instructions. If the reaction is severe, go immediately to the nearest emergency room. When taking the prescribed pain medications after surgery, realize that they can affect your thought process. Do not drive, do not operate complex equipment, do not make any important decisions and do not drink any alcohol while taking these medications. Be sure to take your prescribed medication only as directed.

ADDITIONAL SURGERY NECESSARY

There are many variable conditions that may influence the long term result of gynaecomastia. Secondary surgery may be necessary to perform additional tightening or repositioning of the breasts. Should complications occur,

additional surgery or other treatments may be necessary. Even though risks and complications occur infrequently, the risks cited are particularly associated with gynaecomastia. Other complications and risks can occur but are even more uncommon. The practice of medicine and surgery is not an exact science. Although good results are expected, there is no guarantee or warranty expressed or implied, on the results that may be obtained. In some situations, it may not be possible to achieve optimal results with a single surgical procedure.

PATIENT COMPLIANCE

Follow all physician instructions carefully; this is essential for the success of your outcome. It is important that the surgical incisions are not subjected to excessive force, swelling, abrasion, or motion during the time of healing. Personal and vocational activity needs to be restricted. Protective dressings and drains should not be removed unless instructed by your surgeon. Successful post-operative function depends on both surgery and subsequent care. Physical activity that increases your pulse or heart rate may cause bruising, swelling, fluid accumulation around implants and the need for return to surgery. It is wise to refrain from intimate physical activities after surgery until your physician states it is safe. It is important that you participate in follow-up care, return for aftercare, and promote your recovery after surgery.

HEALTH INSURANCE

Most health insurance companies exclude coverage for cosmetic surgical operations such as a gynaecomastia or any complications that might occur from surgery. Please carefully review your health insurance subscriber- information pamphlet. Most insurance plans exclude coverage for secondary or revisionary surgery.

FINANCIAL RESPONSIBILITIES

The cost of surgery involves several charges for the services provided. The total includes fees charged by your surgeon, the cost of surgical supplies, anesthesia, laboratory tests, and possible outpatient hospital charges, depending on where the surgery is performed. Depending on whether the cost of surgery is covered by an insurance plan, you will be responsible for necessary co-payments, deductibles, and charges not covered. The fees charged for this procedure do not include any potential future costs for additional procedures that you elect to have or require in order to revise, optimize, or complete your outcome. Additional costs may occur should complications develop from the surgery. Secondary surgery or hospital day-surgery charges involved with revision surgery will also be your responsibility. In signing the consent for this surgery/procedure, you acknowledge that you have been informed about its risk and consequences and accept responsibility for the clinical decisions that were made along with the financial costs of all future treatments.

DISCLAIMER

Informed- consent documents are used to communicate information about the proposed surgical treatment of a disease or condition along with disclosure of risks and alternative forms of treatment(s), including no surgery. The informed-consent process attempts to define principles of risk disclosure that should generally meet the needs of most patients in most circumstances.

However, informed-consent documents should not be considered all inclusive in defining other methods of care and risks encountered. Your surgeon may provide you with additional or different information which is based on all the facts in your particular case and the state of medical knowledge.

Informed-consent documents are not intended to define or serve as the standard of medical care. Standards of medical care are determined on the basis of all of the facts involved in an individual case and are subject to change as scientific knowledge and technology advance and as practice patterns evolve.

It is important that you read the above information carefully and have all of your questions answered before signing the consent on the next page.

CONSENT FOR SURGERY / PROCEDURE OR TREATMENT

1. I hereby authorize _____ and such assistants as may be selected to perform the following procedure or treatment:

GYNAECOMASTIA SURGERY

I have received the following information sheet:

INFORMED CONSENT for GYNAECOMASTIA SURGERY

2. I recognize that during the course of the operation and medical treatment or anaesthesia, unforeseen conditions may necessitate different procedures than those above. I therefore authorize the above surgeon and assistants or designees to perform such other procedures that are in the exercise of his or her professional judgement necessary and desirable. The authority granted under this paragraph shall include all conditions that require treatment and are not known to my physician at the time the procedure is begun.

3. I consent to the administration of such anaesthetics considered necessary or advisable. I understand that all forms of anaesthesia involves risk and the possibility of complications, injury, and sometimes death.

4. I acknowledge that no guarantee has been given by anyone as to the results that may be obtained.

5. I consent to the photographing of the operation(s) or procedure(s) to be performed, including appropriate portions of my body, for medical, scientific or educational purposes, provided my identity is not revealed by the pictures.

6. I consent to the disposal of any tissue, medical devices or body parts which may be removed.

7. I consent to the utilization of blood products should they be deemed necessary by my surgeon and/or his/her appointees, and I am aware that there are potential significant risks to my health with their utilization.

8. I realize that not having the operation is an option.

9. I AGREE THAT MY SURGERY HAS BEEN EXPLAINED TO ME IN A WAY THAT I UNDERSTAND:

- a. THE ABOVE TREATMENT OR PROCEDURE TO BE UNDERTAKEN
- b. THERE MAY BE ALTERNATIVE PROCEDURES OR METHODS OF TREATMENT
- c. THERE ARE RISKS TO THE PROCEDURE OR TREATMENT PROPOSED

I CONSENT TO THE TREATMENT OR PROCEDURE AND THE ABOVE LISTED ITEMS (1-9). I AM SATISFIED WITH THE EXPLANATION.

Signature of Patient or Person Authorized to Sign for Patient

Printed Name of Patient

Date _____

Signature of operating surgeon