

# Nipple Sparing Mastectomy

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*Editors*

Minimally  
Invasive  
Video-Assisted  
Technique



Springer

# Nipple Sparring Mastectomy Minimally Invasive Video Assisted Technique

**American Society of Clinical Oncology.  
Meeting**

## **Nipple Sparing Mastectomy Minimally Invasive Video Assisted Technique:**

**Nipple Sparing Mastectomy** Alberta Ferrari,Adele Sgarella,Sandro Zonta,2013-07-30 This book describes in detail three different techniques for minimally invasive video assisted breast surgery nipple sparing mastectomy with a hand held external retractor with a single port device and with robotic assistance All three techniques can be employed for radical treatment of breast cancer or for risk reduction surgery and the last two are brand new The techniques are clearly explained with the aid of numerous high quality illustrations All surgical stages are covered in detail and helpful information is provided on key aspects of surgical anatomy diagnostic workup instrumentation and postoperative management Nipple Sparing Mastectomy is the first manual to cover these techniques which are likely to become standard in the field of oncological breast surgery It will be invaluable for breast surgeons who are skilled in nipple sparing mastectomy and oncoplastic techniques or are working in breast units that offer genetic counseling to high risk patients      **Update of**

**Current Evidences in Breast Cancer Surgery** Gianluca Franceschini, Giuseppe Visconti, Akitatsu Hayashi, Riccardo

Masetti,2022-07-26      **Oncoplastic Breast Surgery Techniques for the General Surgeon** V. Suzanne Klimberg, Tibor

Kovacs, Isabel T. Rubio, 2020-05-22 This book covers an up to date review of advances in the management strategies for patients with breast cancer and their co morbidities Oncoplasty has become the standard of care for breast conservation surgery and can lead to improving aesthetic outcomes of breast cancer surgery without compromising oncological outcomes The goal of the text is to increase the competencies and performance of healthcare professionals involved in treating this patient population which will ultimately improve the aesthetic outcomes quality of life and overall survival of patients with breast disease and breast cancer Written by experts in the field chapters address a wide range of breast surgery techniques that help the general surgeon provide improved oncologic and aesthetic results for patients The authors have detailed not only best practice for conventional procedures but also new and evolving techniques Oncoplastic Breast Surgery Techniques for the General Surgeon serves as a valuable resource not only for medical students but also for the general surgeon seeking to improve results in private practice and for professors learning and teaching new breast surgery techniques      **A**

**Comprehensive Guide to Male Aesthetic and Reconstructive Plastic Surgery** Seth R. Thaller, Mimis N.

Cohen, 2024-06-07 This book offers an authoritative and comprehensive overview of the wide range of surgical procedures and non invasive options for the male cosmetic and reconstructive patients Chapters examine the full gamut of unique male aesthetic and reconstructive surgical procedures written by an interdisciplinary team of well known and well respected national and international contributors The book provides an up to date and highly illustrated coverage of existing techniques and innovative new technologies Chapters relay the interplay between the unique male anatomy expectations clinical implications therapeutic gems and approach to men seeking aesthetic enhancements Each chapter highlights a concise but comprehensive description of the clinical issue augmented by appropriate illustrations related art works and videos When

applicable an interdisciplinary style utilizing the expertise of allied specialties such as dermatology facial plastic surgery and oculoplastic surgery are utilized Chapters address key issues and areas not previously included in other books such as Direct excision of nasolabial folds and submental region Facial rejuvenation and other aesthetic procedure available to people of color Surgery for body builders Buried penis Management of hyperhidrosis HIV facial wasting and buffalo hump A Comprehensive Guide to Male Aesthetic and Reconstructive Surgery is a must have resource for plastic and reconstructive surgeons to successfully manage the distinctive unique needs of the male patient Methods in Breast Cancer Luis Costa,Gianluca Franceschini,Dayanidhi Raman,Antonino Bonaventura D'assoro,2023-11-27 Frontiers in Oncology is delighted to present the Methods in series of article collections Methods in Breast Cancer will publish high quality methodical studies on key topics in the field It aims to highlight recent advances in the field whilst emphasizing important directions and new possibilities for future inquiries The Methods in Breast Cancer collection aims to highlight the latest experimental techniques and methods used to investigate fundamental questions in Breast Cancer Review Articles or Opinion Articles on methodologies or applications including the advantages and limitations of each are welcome This Research Topic includes technologies and up to date methods which help aim to help advance science Please note manuscripts consisting solely of bioinformatics or computational analysis of public genomic or transcriptomic databases which are not accompanied by validation independent cohort or biological validation *in vitro* or *in vivo* are out of scope for this section and will not be accepted as part of this Research Topic Annual Meeting Proceedings American Society of Clinical Oncology.

Meeting,2007 ACS Surgery Wiley W. Souba,2007 ACS Surgery has been developed to help practicing surgeons make critical decisions on patient care It is an evidence based reference of surgical best practices from leaders in the field

Operative Approaches to Nipple-Sparing Mastectomy Jay K. Harness,Shawna C. Willey,2016-12-01 This text is designed to present a comprehensive overview of the evolution oncologic safety surgical approaches and outcomes of NSM The book is targeted at general surgeons dedicated breast surgeons and plastic surgeons There is focus for surgeons just beginning their use of NSM as well as a review of patient selection criteria operative approaches reconstruction options and management of complications Chapters are written by experts in the performance and reconstruction of NSM Chapters are supplemented with appropriate illustrations and photos of NSM techniques and reconstructions Operative Approaches to Nipple-Sparing Mastectomy Indications Techniques Outcomes will become a valuable resource for surgeons including those in training who have a focus on state of the art breast cancer surgery Efficacy of the Delay Procedure Prior to Nipple-sparing Mastectomy Anna Castellà Pujol,2017 Master Techniques in Surgery: Breast Surgery Kirby I. Bland,V. Suzanne Klimberg,2018-10-24 Publisher's Note Products purchased from 3rd Party sellers are not guaranteed by the Publisher for quality authenticity or access to any online entitlements included with the product Updated with many of the latest techniques this second edition continues the focus on procedures that is the hallmark of the Master Techniques in General

Surgery series You'll find plainly written details on some of the most common procedures as well as relevant information on anatomy patient outcomes to expect required instruments and more Lavishly illustrated with original full color drawings the book is your go to source for easy to follow and step by step procedural instructions **Prepectoral Breast**

**Reconstruction** Raghavan Vidya, Hilton Becker, 2023-05-31 Breast cancer is one of the most common forms of cancer worldwide and surgery remains the mainstay of treatment Breast reconstruction and Oncoplastic techniques have advanced over the last decade from complex autologous reconstruction to minimal invasive surgery Breast reconstruction has evolved from traditional submuscular techniques to prepectoral implant based reconstruction thanks to advances in implantable biologic and synthetic products that make this muscle sparing approach possible In this state of the art volume prominent clinicians and the pioneers of this technique join forces to provide the reader with a practical guide to prepectoral breast reconstruction including relevant anatomical knowledge key skills and concrete tips for daily practice After discussing the historical evolution of prepectoral breast reconstruction and providing an anatomical description of the superficial fascia system the book presents the main approaches currently available and addresses patient selection radiation therapy postoperative monitoring and particular challenges such as revision surgery Dedicated chapters on mesh scaffolds and autologous lipomodelling are also included The book also features over 150 original full color illustrations and drawings together with take home messages With its complete yet handy format Prepectoral Breast Reconstruction offers a valuable reference guide for residents fellows practicing breast surgeons plastic surgeons and all professionals in related sub specialties **Minimally Invasive (Endoscopic & Robotic) Breast Surgery** Chi Wei Mok, Hung-Wen Lai, 2019-11-15

Clinical cases provide a visual resource of surgical options Procedural videos direct from the Operating Room Easy to follow format shows step by step each technique **Breast Reconstruction** Horacio F. Mayer, 2021-03-17 This book examines distinct innovative and modern techniques for breast reconstruction after a mastectomy necessitated by breast cancer It serves as not only an entry point in learning about the most modern and promising surgical techniques available but as a pragmatic guide as well Beginning with an introduction to the history of the subject the opening chapter offers a lesson in the evolution of the development and improvement of breast reconstruction techniques Following this chapters examine anatomic landmarks including vascular anatomy design and markings and best indications depending on the type of breast to be reconstructed Subsequent chapters then present a multitude of surgery methods including the progression from large open surgical procedures to endoscopic approaches and robotic assisted minimally invasive surgery Finally scaffold based tissue engineering that offers a promising future for breast reconstruction surgeries without donor site morbidity is also reviewed Additionally the book's expertly written text is supplemented by high quality illustrations and videos that provide vital surgical guidance for improved surgical outcomes Comprised of contributions from world renowned plastic surgeons Breast Reconstruction Modern and Promising Surgical Techniques is an invaluable reference for residents fellows practicing

and highly experienced plastic surgeons breast surgeons and those in surgical sub specialties **Nipple Areola Complex Sparing Mastectomy on Prophylactic and Oncologic Surgery. Potential Impact of Its Application in a Referral Centre and Literature Review** ,2017 Introduction Background Even though breast conserving therapy has become the gold standard surgical treatment for breast cancer in our institution 34 7% of the patients still undergo mastectomy Nipple sparing mastectomy NSM is becoming widely accepted particularly in those patients that undergo prophylactic surgery with reconstruction due to its superior cosmetic results NSM can also be used in highly selected cancer patients as an effective procedure if it does not compromise oncologic safety Methodology Literature review of the nipple areola complex NAC sparing mastectomy on prophylactic and breast cancer management Additionally we evaluate the impact it would have in our referral centre selecting patients among those who underwent a mastectomy between 2015 2018 according to the inclusion criteria of the National Comprehensive Cancer Network NCCN 2017 Guidelines Results There are no randomized trials of NSM Long term follow up in clinical series is limited and most of the studiesu2019 samples are heterogeneous The available data shows an overall survival of over 90% and local disease recurrence of 3 4 6% 2017 NCCN Guidelines suggest the use of NSM in patients with early stage tumours biologically favourable carcinomas and infiltrating ductal carcinoma IDC or ductal carcinoma in situ DCIS that are 2cm from the nipple Despite total removal of glandular breast tissue and the low rate of recurrence and or nipple involvement expected assessment of nipple free margins should be mandatory to reduce the risk of occult NAC involvement In our Institution H U 12 de Octubre Madrid 178 mastectomies were performed for breast cancer treatment and 18 for risk reduction between 2015 2018 According to the inclusion criteria of the NCCN Guidelines 57 patients 29% could have undergone a NSM 27 patients with IDC 12 with DCIS and 18 BRCA mutation carriers Conclusion NSM has become a subject of increased attention Itu2019s a safe option of treatment in patients with early stage tumours and biologically favourable carcinomas Disclosures Prospective trials with long term follow up and homogenous samples are needed to establish the inclusion criteria and management of this patients pathologic factors tumour stage molecular subtypesu2026 preoperative imaging study safety distance of the tumour to the nipple surgical technique intraoperative study of the NAC frozen section examination and role of radiotherapy

### **One Step Implant Reconstruction in Nipple**

**Sparing Mastectomy: Patient Selection by Preoperative Digital Mammogram** Alberto Rancati,2017 One Step Implant Reconstruction in Nipple Sparing Mastectomy Patient Selection by Preoperative Digital MammogramAlejandro Soderini MD PhD Alberto O Rancati MD PhD Claudio H Angrigiani MDu2020 Dennis C Hammond MDu2021 Maurizio B Nava MDu00a7 Eduardo G Gonzalez MDu00b6 Julio C Dorr MD Gustavo F Gercovich MD PhD Nicola Rocco MDu2016 Roman L Rostagno MD Background Digital mammography clearly distinguishes gland tissue density from the overlying nonglandular breast tissue coverage which corresponds to the existing tissue between the skin and the superficial layer of the fascia superficialis surrounding the gland i e dermis and subcutaneous fat Preoperative digital imaging can determine the thickness of this

breast tissue coverage thus facilitating planning and reducing the rate of necrotic complications after direct to implant DTI reconstruction in nipple sparing mastectomy NSM Methods Thirty NSMs in 22 patients with type 3 tissue coverage subcutaneous tissue thickness of 2 cm or more were selected for DTI reconstruction after NSM to evaluate immediate skin flap nipple areola complex ischemic complications and patient satisfaction Results We experienced no wound healing problems or ischemic complications immediately after surgery in our population Only 1 seroma was observed as a shortterm complication Quality of life and patientsu2019 satisfaction level were optimal at 3 and 6 months follow up respectively The aesthetic results have been evaluated as good excellent in all cases Conclusions DTI immediate reconstruction with silicone implants following NSM appears to be a safe option in selected cases with enough tissue coverage also providing a high level of patient satisfaction The possibility of selecting cases for this procedure according to the preoperative digital mammogram showing more than 2 cm of superficial tissues thickness may help reducing the risk of immediate ischemic complications

Does Surgical Technique Affect Nipple Areolar Complex Survival After Nipple Sparing Mastectomy? Jennifer Ann O'Brien, Cornell University. Weill Graduate School of Medical Sciences, 2010 Problem Nipple areolar complex NAC necrosis is a common and devastating complication following nipple sparing mastectomy NSM completed for both breast cancer and prophylaxis It has been anecdotally noted that surgical technique such as incision site reconstruction type and nipple coring technique impact survival of the NAC post NSM However no studies to date have looked specifically at surgical technique and the impact it plays on NAC necrosis post NSM Methods Thirteen peer reviewed clinical trials were found that commented on NAC necrosis rates post NSM completed for breast cancer and prophylaxis online via Weill Cornell Online Library Results Results of this literature search showed that multiple incision sites are used for NSM surgeons are using electrocautery and sharp dissection to core nipples in NSM and both synthetic and autologous reconstruction is being completed post NSM Nipple necrosis rates varied between studies Conclusions There are few studies that focus on how surgical technique during NSM relates to NAC necrosis Nonetheless a large prospective study that carefully records incision sited nipple coring technique and reconstruction type and NAC necrosis rates needs to be completed to further examine how surgical technique affects NAC necrosis post NSM

# Unveiling the Magic of Words: A Report on "**Nipple Sparing Mastectomy Minimally Invasive Video Assisted Technique**"

In some sort of defined by information and interconnectivity, the enchanting power of words has acquired unparalleled significance. Their power to kindle emotions, provoke contemplation, and ignite transformative change is truly awe-inspiring. Enter the realm of "**Nipple Sparing Mastectomy Minimally Invasive Video Assisted Technique**," a mesmerizing literary masterpiece penned by way of a distinguished author, guiding readers on a profound journey to unravel the secrets and potential hidden within every word. In this critique, we shall delve into the book's central themes, examine its distinctive writing style, and assess its profound effect on the souls of its readers.

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