Comparison of Different Acellular Dermal Matrices in Breast Reconstruction: The 50/50 Study
Troy A. Pittman, M.D., Kenneth L. Fan, M.D., Andreje Knapp, B.S., Shelby Frantz, B.S., and Scott L. Spear, M.D.

Discussion: Comparison of Different Acellular Dermal Matrices in Breast Reconstruction: The 50/50 Study
Mitchell H. Brown, M.D., M.Ed.

Molecular Profiling Using Breast Cancer Subtype to Plan for Breast Reconstruction
Lars Johan Sandberg, M.D., Mark W. Clemens, M.D., W. F. Symmans, M.D., Vicente Valero, M.D., Abigail S. Caudle, M.D., Benjamin Smith, M.D., Henry M. Kierer, M.D., Ph.D., Limin Hsu, M.A., and Steven J. Kromovitz, M.D.

Discussion: Molecular Profiling Using Breast Cancer Subtype to Plan for Breast Reconstruction
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Predicting Complications in Immediate Alloplastic Breast Reconstruction: How Useful Is the American College of Surgeons National Surgical Quality Improvement Program Surgical Risk Calculator?
Anne C. O'Neill, M.B.B.Ch., Ph.D., Blake Murphy, M.D., Ph.D., Shaghayegh Bagher, M.Sc., Saad Al Qahtani, M.D., Stefan O. P. Hofer, M.D., Ph.D., and Toni Zhong, M.D., M.H.S.

Multivariate Preoperative and Intraoperative Predictors of Postmastectomy Radiation Therapy in Patients for Whom Immediate Breast Reconstruction Is Planned
Albert H. Chao, M.D., Juan Carlos Martinez, M.D., Jessica Wobb, M.D., and Stephen P. Povoski, M.D.
The role of the open approach in rhinoplasty is to allow perfect anatomic exposure to both the nasal tip and dorsum. It also provides the rhinoplasty surgeon with so many excellent options to reshape, to reconstruct, and to restore the nose in a natural manner without the use of palpable or visible tip or dorsal grafts. These suture techniques or invisible grafts allow for improved and more natural long-term results in modern primary rhinoplasty.

This lecture delineates the rationale, the approach, and the finesse in how to do a graduated approach to nasal tip reshaping using sutures, and when alar contour grafts are needed to restore the nasal tip and alar rims in a natural manner. The goal is to use the native lower lateral cartilages and reshape them using a variety of suture techniques based on a concise preoperative nasal analysis.

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Original Articles

563 Facial Contouring by Targeted Restoration of Facial Fat Compartment Volume: The Midface
Wenjin Wang, M.D., Ph.D., Yun Xie, M.D., Ph.D., Ru-Lin Huang, M.D., Ph.D., Jia Zhou, M.D., Ph.D., Herrler Tanja, M.D., Ph.D., Peijuan Zhou, M.D., Ph.D., Chen Cheng, M.D., Ph.D., Sizheng Zhou, M.D., Ph.D., Lee L. Q. Fu, M.D., Ph.D., and Qingfeng Li, M.D., Ph.D.
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Luis Cañitán, M.D., Ph.D., Daniel Simon, D.D.S., Teresa Meyer, M.D., Antonio Alcarde, M.D., Alan Wills, M.D., Carlos Bailón, M.D., Raúl J. Bellagio, M.D., Thiago Tenório, M.D., and Fermín Cañitán-Cañadas, Ph.D.
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620e Topographic Analysis of the Supratrochlear Artery and the Supraorbital Artery: Implication for Improving the Safety of Forehead Augmentation
Li-yao Cong, B.Sc., Weeranut Phothong, M.D., Sang-Hee Lee, D.D.S., Ph.D., Rungsimana Wanitchakedsedecha, M.D., M.A., M.Sc., Iksoo Koh, M.D., Ph.D., Tanwan Tansaat, M.D., M.Sc., and Hee-Jin Kim, D.D.S., Ph.D.

628e The Lymphatic Anatomy of the Lower Eyelid and Conjunctiva and Correlation with Postoperative Chemosis and Edema

587 Intraoperative Comparison of Anatomical versus Round Implants in Breast Augmentation: A Randomized Controlled Trial
David A. Hidalgo, M.D., and Andrew L. Weinstein, M.D., M.S.
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597 Discussion: Intraoperative Comparison of Anatomical versus Round Implants in Breast Augmentation: A Randomized Controlled Trial
Jamil Ahmad, M.D., and Frank Lista, M.D.

599 Discussion: Intraoperative Comparison of Anatomical versus Round Implants in Breast Augmentation: A Randomized Controlled Trial
Patrick Mallucci, M.B.Ch.B., M.D.

638e Gynecomastia Classification for Surgical Management: A Systematic Review and Novel Classification System

649e Penile Inversion Vaginoplasty with or without Additional Full-Thickness Skin Graft: To Graft or Not to Graft?
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657e Safety and Efficacy of Subfascial Calf Augmentation
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604 The Importance of the Anterior Septal Angle in the Open Dorsal Approach to Rhinoplasty
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622 Discussion: The Role of Bacterial Biofilm in Adverse Soft-Tissue Filler Reactions: A Combined Laboratory and Clinical Study
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670e A Comprehensive In Vitro Comparison of Preparation Techniques for Fat Grafting
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683e Discussion: A Comprehensive In Vitro Comparison of Preparation Techniques for Fat Grafting
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625 The Effect of Antiseptics on Adipose-Derived Stem Cells
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685e Homeotic and Embryonic Gene Expression in Breast Adipose Tissue and in Adipose Tissues Used as Donor Sites in Plastic Surgery
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693e Discussion: Homeotic and Embryonic Gene Expression in Breast Adipose Tissue and in Adipose Tissues Used as Donor Sites in Plastic Surgery
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695e Comparison of the Hydroxylase Inhibitor Dimethyloxalylglycine and the Iron Chelator Deferoxamine in Diabetic and Aged Wound Healing
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717e Tendon Rupture and Tenosynovitis following Internal Fixation of Distal Radius Fractures: A Systematic Review

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725e Shared Decision-Making in the Management of Congenital Vascular Malformations

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781e Can I Make Robotic Surgery Make Sense in My Practice?
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777 Ivo Pitanguy, M.D., 1923 to 2016: A Plastic Surgery Legend, Leaving a Legacy for Generations to Come
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795e Reply: Nipple Loss following Nipple-Sparing Mastectomy
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Concomitant Liposuction Reduces Complications of Vertical Medial Thigh Lift in Massive Weight Loss Patients
Ronaldo Webster, M.D., Ph.D.

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Manfred Schmidt, M.D., Dominik Dascher, M.D., and Georg M. Huemer, M.D., M.Sc., M.B.A.

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Jordan P. Steinberg, M.D., Ph.D., Jack E. Thomas, D.D.S., and Joseph K. Williams, M.D.

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Parisa Kamali, M.D., and Samuel J. Lin, M.D., M.B.A.

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Jenny Tzujane Chen, M.D., Ruston Sanchez, M.D., Ravi Garg, M.D., Samuel Poore, M.D., and John W. Siebert, M.D.

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