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1116 The Timing of Chemoprophylaxis in Autologous Microsurgical Breast Reconstruction
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621e Low-Level Laser Treatment Is Ineffective for Capsular Contracture: Results of the LaTCon Randomized Controlled Trial

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632e Perioperative Ketorolac Use and Postoperative Hematoma Formation in Reduction Mammaplasty: A Single-Surgeon Experience of 500 Consecutive Cases
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639e Breast Implant Mycobacterial Infections: An Epidemiologic Review and Outcome Analysis
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**Baker Gordon Symposium Video**

**PRSJournal.com Exclusive**

**Video**

**High-Definition Liposuction: Combining Liposuction and Volume Enhancement to Shape the Torso and Back**

*Alfredo Hoyos, M.D.*

High-definition liposuction is a procedure that not only allows the reduction of fatty deposits but also provides the surgeon the ability to sculpt the torso and back to enhance individual muscle definition. The procedure requires a knowledge of muscular anatomy such that fat removal provides etching of muscular boundaries, and in conjunction with autologous volume addition, it allows the creation of both muscular definition and overall artistic shaping in body contour surgery. This video demonstrates the preoperative analysis and intraoperative technique required to produce consistent results in high-definition liposuction.

**Video**

**High-Definition Liposuction with Abdominoplasty and Neoumbilicoplasty**

*Alfredo Hoyos, M.D.*

High-definition liposuction has become an integral part of our technique for abdominoplasty, enhancing both abdominal contour and postoperative muscular definition. This video demonstrates safe methods to combine high-definition liposuction with abdominoplasty, as well as demonstrating a technique for neoumbilicoplasty, which provides a more consistent and natural umbilical shape in the postoperative result.

*To watch the videos, go to www.PRSJournal.com.*

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**1145** The Relationship between Age and Facial Asymmetry

*Olivia E. Linden, M.D., Jun Kit He, B.A., Clinton S. Morrison, M.D., Stephen R. Sullivan, M.D., M.P.H., and Helena O. B. Taylor, M.D., Ph.D.*

**1153** The Feasibility Determination of Risky Severe Complications of Arterial Vasculature Regarding the Filler Injection Sites at the Tear Trough


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**653e** High-Throughput Screening of Full-Face Clinically Relevant Arterial Variations Using Three-Dimensional Postmortem Computed Tomography

*Guo-Zhang Zhu, M.D., Ph.D., Wei-Rui Zhao, M.D., Cheng-En Luo, M.D., Bing Cai, M.D., Xiang-Xue Kong, M.D., Ph.D., Wen-Feng Zhu, M.D., Zhong-Sheng Sun, M.D., and Sheng-Kang Luo, M.D., Ph.D.*

*SUPPLEMENTAL DIGITAL CONTENT IS AVAILABLE IN THE TEXT.*
Alar Cinching with Subcutaneous Flaps: A Procedure to Achieve Narrowing of the Nasal Base while Controlling the Alar Axis and Sidewall Curvature

Toshitsugu Hirohi, M.D., Donald Ng, M.D., Koji Nagai, M.D., and Kotaro Yoshimura, M.D.

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Management of Fat Necrosis after Autologous Fat Transplantation for Breast Augmentation

Jeng-Yee Lin, M.D., Ph.D., Ping Song, M.D., and Lee L. Q. Pu, M.D., Ph.D.

Clinical Implications of Gluteal Fat Graft Migration: A Dynamic Anatomical Study

Daniel A. Del Vecchio, M.D., Nathaniel L. Villanueva, M.D., Raja Mohan, M.D., Bret Johnson, M.D., Dinah Wan, M.D., Aniketh Venkataaram, M.D., and Rod J. Rohrich, M.D.

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Understanding Fatal Fat Embolism in Gluteal Lipoinjection: A Review of the Medical Records and Autopsy Reports of 16 Patients

Jorge Enrique Bayter-Marin, M.D., Lázaro Cárdenas-Camarena, M.D., Herley Aguere-Serrano, M.D., Héctor Durán, M.D., Guillermo Ramos-Gallardo, M.D., and José Antonio Robles-Cervantes, M.D.

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The Impact of Upper Face Botulinum Toxin Injections on Eyebrow Height and Forehead Lines: A Randomized Controlled Trial and an Algorithmic Approach to Forehead Injection

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1240 Vascular Endothelial Growth Factor Enhances Proliferation of Human Tenocytes and Promotes Tenogenic Gene Expression
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1248 Discussion: Vascular Endothelial Growth Factor Enhances Proliferation of Human Tenocytes and Promotes Tenogenic Gene Expression
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685e Mechanical Loading Improves Engineered Tendon Formation with Muscle-Derived Cells: An In Vivo Analysis
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A Review of Validated Quality-of-Life Patient-Reported Outcome Measures in Pediatric Plastic Surgery
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Early Mandibular Distraction in Craniofacial Microsomia and Need for Orthognathic Correction at Skeletal Maturity: A Comparative Long-Term Follow-Up Study
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Carolina P. Barcha, M.S.P.H., and Matthew J. Ranzer, M.D. PATIENT SAFETY CME.

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Apinut Wongkietkachorn, M.D., Palakorn Surakunprapha, M.D., Kengkait Winaikosol, M.D., Nuttapone Wongkietkachorn, M.D., Kanti Eua-angkanakul, M.D., Puttana Phayavong, M.D., Kamomwan Jerdithersak, M.D., and Bowornsilp Chuechuen, M.D.

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Johnson Chia-Shen Yang, M.D.

Vascular Anomalies: From a Clinicohistologic to a Genetic Framework

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Autologous Fat Injection versus Lundborg Resection Arthroplasty for the Treatment of Trapeziometacarpal Joint Osteoarthritis

Francesco Klinger, M.D., Marco Klinger, M.D., Luca Maione, M.D., Federico Barbera, M.D., Mattia Siliprandi, M.D., Andrea Baitshini, M.D., and Fabio Cavagnoli, M.D.

Reply: Autologous Fat Injection versus Lundborg Resection Arthroplasty for the Treatment of Trapeziometacarpal Joint Osteoarthritis

Holger C. Erne, M.D., Ph.D., and Daniel Schmauss, M.D., Ph.D.

Targeting Reflux-Free Veins with a Vein Visualizer to Identify the Ideal Recipient Vein Preoperatively for Optimal Lymphaticovenous Anastomosis in Treating Lymphedema

Takumi Yamamoto, M.D., Ph.D., Nana Yamamoto, M.D., Hayahito Sakai, M.D., Yuma Fuse, M.D., Hidehiko Yoshimatsu, M.D., Yukio Seki, M.D., and Akiyoshi Kajikawa, M.D., Ph.D.

Reply: Targeting Reflux-Free Veins with a Vein Visualizer to Identify the Ideal Recipient Vein Preoperatively for Optimal Lymphaticovenous Anastomosis in Treating Lymphedema

Johnson Chia-Shen Yang, M.D.

Superthin SCIP Flap for Reconstruction of Subungual Melanoma: Aesthetic Functional Surgery

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Three-Dimensional Reconstruction: The Waveform Design of Free Perforator Flap for the Heel Defect Repair

Ding Pan, Zheng-Bing Zhou, and Ju-Yu Tang

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Reconstruction of the Heel, Middle Foot Sole, and Plantar Forefoot with the Medial Plantar Artery Perforator Flap: Clinical Experience with 28 Cases

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A New Simple Maneuver to Manipulate Sutures during Microvascular Anastomosis Using Microsuction
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The Fourth Industrial Revolution Tackles Plastic Surgeons
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