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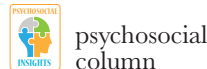
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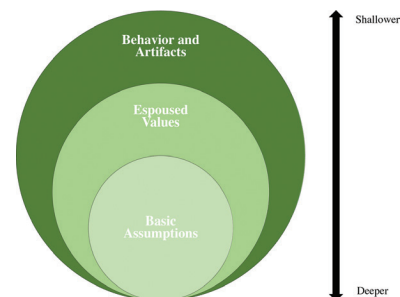
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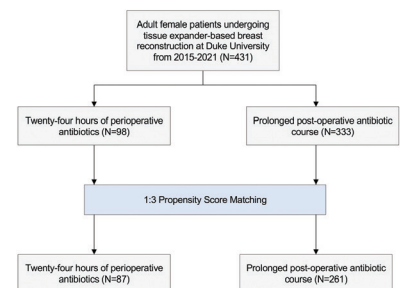
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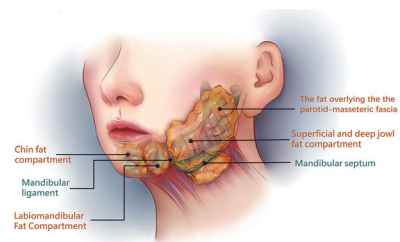
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#### On the Cover

Local anatomy of lower facial fat compartments. See related article, "Analysis of Age-Related Changes in Lower Facial Fat Compartments and of the Course of Blood Vessels Using Computed Tomography," by Guo et al., pages 539e–548e.



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**EVIDENCE-BASED OUTCOMES ARTICLE.**  
**AMA PRA CAT. 2 PATIENT SAFETY CREDIT.**

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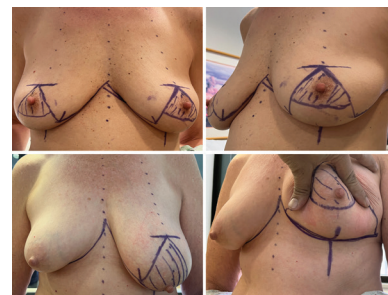
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- 527e Autologous Fat Grafting in Breast Augmentation: A Systematic Review Highlighting the Need for Clinical Caution**  
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**EVIDENCE-BASED OUTCOMES ARTICLE.**  
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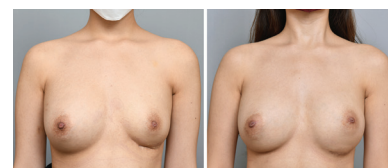
- 601 The Platysma Contraction Pattern in Healthy Adults: A Vector Analysis Study**  
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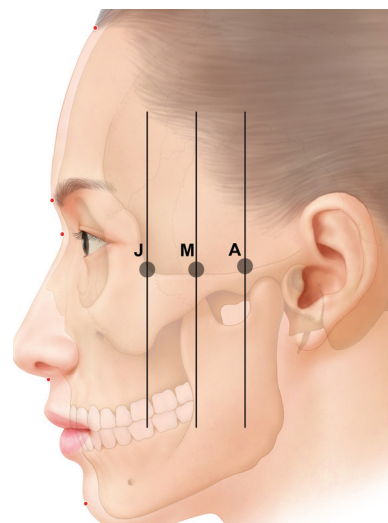
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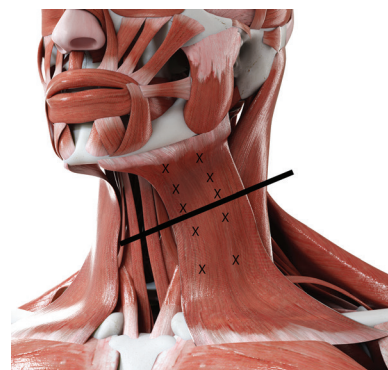
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**539e Analysis of Age-Related Changes in Lower Facial Fat Compartments and of the Course of Blood Vessels Using Computed Tomography**

*Yixuan Guo, MM, Lihong Wen, MD, Xianlong Wang, MD, Huan Zou, MM, Weiqiang Liang, MD, Jinhuan Wang, MM, and Xiongxiang Zhu, MM*  
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**609 The Effect of Topical Tranexamic Acid on Postrhinoplasty Periorbital Ecchymosis and Eyelid Edema**

*Omer Vural, MD, Serhat Inan, MD, and Adnan F. Buyuklu, MD*  
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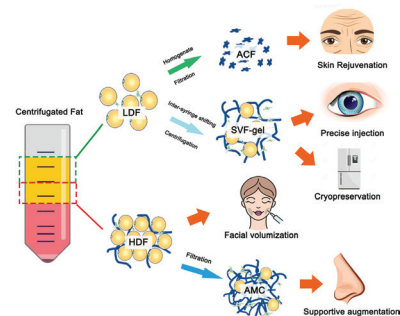
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**Video+**

**555e Neuromodulator Injection for Gummy Smile**

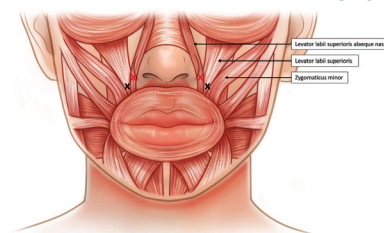
*Jeffrey L. Lisiecki, MD, Michael V. Chiodo, MD, and Rod J. Rohrich, MD*  
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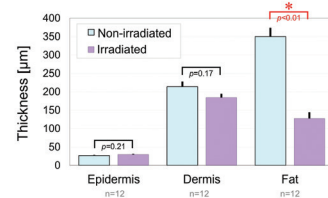
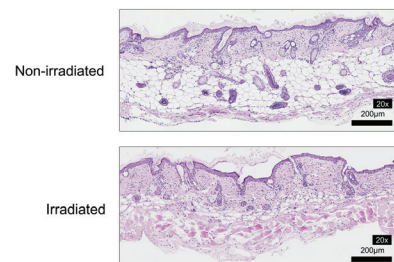
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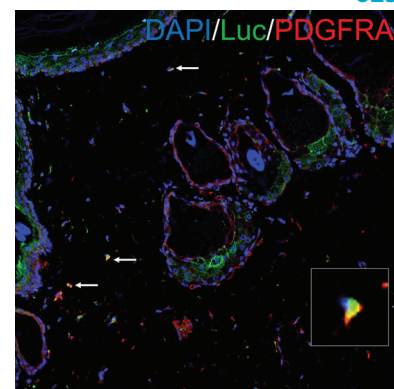
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*Masanori Mori, MD, Natsumi Saito, PhD, Takako Shirado, PhD, Yunnan Wu, PhD, Rintaro Asahi, MD, Kayo Yoshizumi, MD, Yoshihiro Yamamoto, ME, Bihang Zhang, MD, and Kotaro Yoshimura, MD*  
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**558e Tracing the Change and Contribution of Subcutaneous Adipose to Skin Expansion Using a Luciferase-Transgenic Fat Transplantation Model**

*Shuang-Bai Zhou, MD, PhD, Pei-Qi Zhang, MD, PhD, Xiao-Jie Zhang, BS, Poh-Ching Tan, MD, Eiji Kobayashi, MD, PhD, and Qing-Feng Li, MD, PhD*  
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**Ideas and Innovations**

**568e Freeing the Animal Model: A Modular, Wirelessly Powered, Implantable Electronic Platform**

*Jacqueline J. Greene, MD, Pavel Gorelik, Ofer Mazor, PhD, Diego L. Guarin, PhD, Ronit Malk, SB, MD, and Tessa Hadlock, MD*  
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## HAND/PERIPHERAL NERVE

### Original Articles

- 649 An Analysis of Treatment Choices among White and African American Medicaid Patients with Carpal Tunnel Syndrome**  
Rachel C. Hooper, MD, Yanlin Tong, BS, Hayley M. Sanders, BS, Lu Wang, PhD, and Kevin C. Chung, MD, MS

- 656 Discussion: An Analysis of Treatment Choices among White and African American Medicaid Patients with Carpal Tunnel Syndrome**  
Vanessa Charubhumi, MD, and Kyle J. Chepla, MD

- 573e Polygenic Risk Associations with Clinical Characteristics and Recurrence of Dupuytren Disease**



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Sophie A. Riesmeijer, MD, PhD, Ilja M. Nolte, MSc, PhD, Loes M. Olde Loohuis, MSc, PhD, Lianne M. Reus, MSc, PhD, Toni Boltz, BSc, Michael Ng, MSc, PhD, Dominic Furniss, DM, MBChB, Paul M. N. Werker, MD, PhD, and Roel A. Ophoff, MSc, PhD  
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- 659 Sensitivity and Accuracy of High-Resolution Ultrasound for Diagnosis of Flexor Tendon Repair Integrity**  
Nathaniel B. Hinckley, DO, Sean Renfree, MA, Nirvikar Dahiya, MD, Nan Zhang, MS, and Kevin J. Renfree, MD

- 584e A Logistic Regression Analysis of Factors Associated with Guarded Outcome after Carpal Tunnel Release in Symptomatic Carpal Tunnel Syndrome**



Ian Chow, MD, Robert A. Kaufmann, MD, Robert J. Goitz, MD, and John R. Fowler, MD  
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## PEDIATRIC/CRANIOFACIAL

### Original Articles

- 667 Craniofacial Soft-Tissue Anthropomorphic Database with Magnetic Resonance Imaging and Unbiased Diffeomorphic Registration**



Dillan F. Villavisanis, MD, Pulkit Khandelwal, MSc, Zachary D. Zapatero, MD, Connor S. Wagner, BS, Jessica D. Blum, MD, MSc, Daniel Y. Cho, MD, PhD, Jordan W. Swanson, MD, MSc, Jesse A. Taylor, MD, Paul A. Yushkevich, PhD, and Scott P. Bartlett, MD

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- 597e The Montreal Children's Hospital Experience Managing Robin Sequence: An Analysis of Outcomes and Algorithm for Surgical Technique Selection**



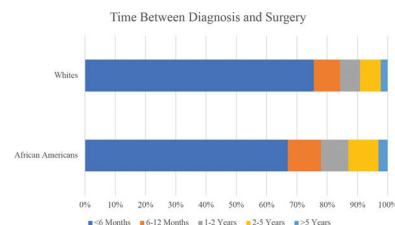
Yehuda Chocron, MD, MSc, Aurore Cote, MD, Abdulaziz Alabdulkarim, MD, Natasha Barone, MD, MSc, and Mirko S. Gilardino, MD, MSc  
AMA PRA CAT. 2 PATIENT SAFETY CREDIT.

- 679 Treatment of Progressive Hemifacial Atrophy by Cartilage Graft and Free Adipofascial Flap Combined with Three-Dimensional Planning**

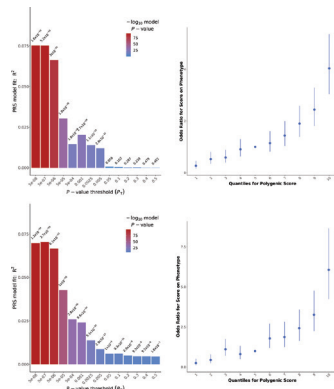


Lin He, MD, Xiangyu Liu, MD, Neil J. Khatter, MBA, Xueyuan Yu, MD, Kia M. Washington, MD, and Maoguo Shu, MD  
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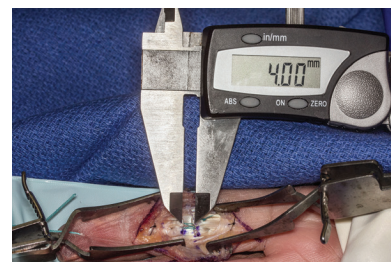
- 689 Discussion: Treatment of Progressive Hemifacial Atrophy by Cartilage Graft and Free Adipofascial Flap Combined with Three-Dimensional Planning**  
Alvin Wong, MD, and Jennifer L. Rhodes, MD



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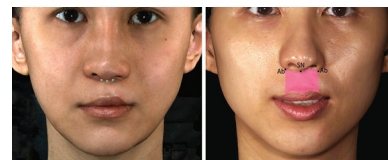
## Ideas and Innovations

### 605e Enhancing Philtrum Morphology Using Fat Grafting Combined with Percutaneous Rigotomomy in Repaired Unilateral Cleft Lip



Rafael Denadai, MD, Ivy Tangco, MD, Maria Valentine, MD, Christopher Glenn Wallace, MD, MS, Yen-Chang Hsiao, MD, Jung-Ju Huang, MD, Frank Chun-Shin Chang, MD, MS, PhD, Lun-Jou Lo, MD, Jyh-Ping Chen, PhD, and Yu-Ray Chen, MD

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### 692 The Buried Guide Suture Method: A Novel Technique to Correct Traumatic Facial Dimples



Ye Yuan, MD, Hongli Chai, MD, Lianzhao Wang, MD, Li Yuan, MD, Fengyong Li, MD, Yu Zhou, MD, Yujiao Cao, MD, Meichen Liu, MD, Qiang Li, MD, and Senkai Li, MD

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### 612e Autologous Cranioplasty Using a Dental SafeScraper Device



Jinggang J. Ng, MA, Jessica D. Blum, MSc, Liana Cheung, MBBS, Daniel Y. Cho, MD, PhD, Dominic J. Romeo, MA, MTS, Christopher L. Kalmar, MD, MBA, Dillan F. Villavisanis, BA, Scott P. Bartlett, MD, Jesse A. Taylor, MD, and Jordan W. Swanson, MD

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## RECONSTRUCTIVE

### Head and Neck

#### Original Articles

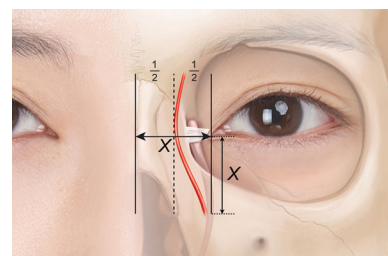
### 697 Facial Palsy after Orthognathic Surgery: Incidence, Causative Mechanism, Management, and Outcome



Yoshitsugu Hattori, MD, Po-Cheng Huang, MD, Chun-Shin Chang, MD, Yu-Ray Chen, MD, and Lun-Jou Lo, MD

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### 706 Superimposition Study to Determine the Angular Arterial Distribution and Its Clinical Application



Hyun Jin Shin, MD, PhD, Hee-Jin Kim, DDS, PhD, and Wu-Chul Song, MD, PhD

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### 617e Ultrasound-Guided Injections for Treatment of Facial Paralysis Sequelae: A Randomized Study on Body Donors



Villem Vejrbrink Kildal, MD, Andrés Rodríguez-Lorenzo, MD, PhD,

Paata Pruidze, MD, Lukas Reissig, MD, PhD, Wolfgang J. Weninger, MD, PhD, Chieh-Han John Tzou, MD, PhD, MBA, Lars Jonsson, MD, PhD, and

Stefan Meng, MD

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## Ideas and Innovations

### 713 Partial Central Anterior Reconstruction of the Auricle with One-Stage Combined Retroauricular Flaps



Gilles Poissonnet, MD, Valentine Poissonnet, Jr., Olivier Dassonville, MD, Alexandre Bozec, PhD, and Dorian Culié, MD

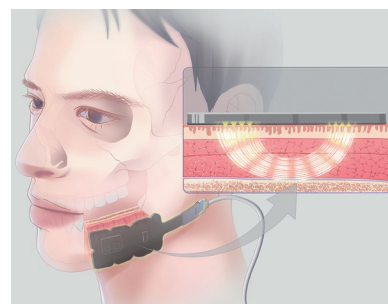
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### 626e Continuous Monitoring of Buried Free Bone Flap Microcirculation Using a Near-Infrared Spectroscopy System



Yixin Ma, MD, Shijun Li, MD, Xiaofeng Shan, MD, Lei Zhang, MD, and Zhigang Cai, MD

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## Trunk

### Original Article

#### 717 Component Separation Decreases Hernia Recurrence Rates in Abdominal Wall Reconstruction with Biologic Mesh



Salvatore Giordano, MD, PhD, Patrick B. Garvey, MD, Alexander Mericli, MD, Donald P. Baumann, MD, Jun Liu, PhD, and Charles E. Butler, MD



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### Ideas and Innovations

#### 632e Classification of the Conjoined Latissimus Dorsi–Groin Flap and Indications for the Four Types of the Flap



Cho-Han Wu, MD, Jonathan Velazquez-Mujica, MD, Andrea Donfrancesco, MD, Jian-Jr Lee, MD, PhD, and Hung-Chi Chen, MD, PhD



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## Lower Extremity

### Original Articles

#### 728 Distally Based Anterolateral Thigh Flap Algorithm for Unexpected Situations during Soft-Tissue Defect Reconstruction around the Knee



Qingyan Du, MD, Yuanbo Liu, MD, Mengqing Zang, MD, Shan Zhu, MD, Shanshan Li, MD, Zixiang Chen, MD, and Tinglu Han, MD



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#### 739 Discussion: Distally Based Anterolateral Thigh Flap Algorithm for Unexpected Situations during Soft-Tissue Defect Reconstruction around the Knee

Yoshiko Toyoda, MD, L. Scott Levin, MD, and Saïd C. Azoury, MD

#### 636e Comparing Fibula Flap Insetting Techniques for Pediatric Oncologic Extremity Reconstruction

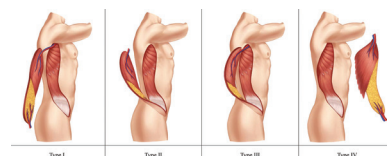


Melissa A. Mueller, MD, Alexander F. Mericli, MD, Margaret S. Roubaud, MD, Jun Liu, PhD, David Adelman, MD, PhD, Valerae O. Lewis, MD,

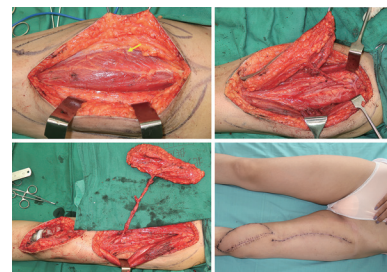


Patrick P. Lin, MD, and Matthew M. Hanasono, MD

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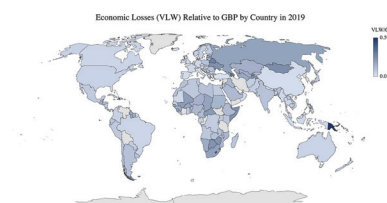
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## PLASTIC SURGERY FOCUS

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Jakob V. E. Gerstl, MBBS, Anam N. Ehsan, MBBS, Philipp Lassarén, BSc, Alexander Yearley, BA, Nakul P. Raykar, MD, MPH, Geoffrey A. Anderson, MD, MPH, Timothy R. Smith, MD, PhD, MPH, S Raja Sabapathy, MBBS, MS, MCh, DNB, and Kavitha Ranganathan, MD

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#### 644e Understanding Factors Associated with Paid Malpractice Claims in Plastic Surgery



Austin C. Remington, MD, Adam Schaffer, MD, MPH, Geoffrey E. Hespe, MD, Carlos J. Yugar, MPH, Rami Sherif, MD, and Christian J. Vercler, MD

### Business & Practice Management

#### 754 Financial Literacy in Plastic Surgery Training: Importance and Current Status

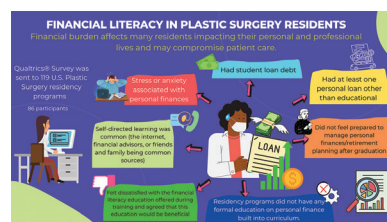


Peter J. Krasniak, MD, Casey T. Kraft, MD, Andrew L. O'Brien, MD, Maria T. Huayllani, MD, Irina Kaptan, BA, MACPR, Gregory D. Pearson, MD, and Amy M. Moore, MD

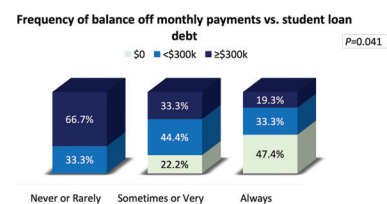


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**766 Discussion: Financial Literacy in Plastic Surgery Training: Importance and Current Status**

*Eric L. Wan, MPH, MBA, Lauren E. Berger, BA, Daisy L. Spoer, MS, Samuel S. Huffman, BS, and David H. Song, MD, MBA*

**Ideas and Innovations**

**650e Augmented Reality Microsurgery: Proof of Concept for a Novel Approach to Microsurgical Field Visualization in Plastic Surgery**



*Reuben A. Falola, MD, MPH, Nicholas F. Lombana, MD, Nelson A. Rodriguez-Unda, MD, Ishan H. Mehta, MD, Nicholas D. Webster, Robert A. Weber, MD, Andrew M. Altman, MD, and Michel H. Saint-Cyr, MD*  
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**EDITORIAL**

**769 Explicit Values as Guides to Recruitment, Program Identity, and Culture**

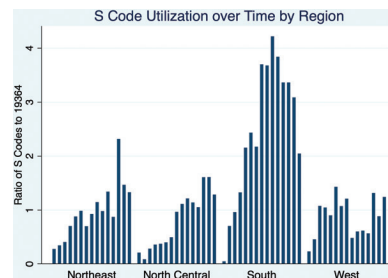
*Jeffrey R. Marcus, MD, and Ash Patel, MBChB*

**LETTER**

**656e Ensuring Competence and Patient Safety through Regulation and Standardized Training in Aesthetic Medicine**



*Marco Borin, MD, Rebecca Susanna Degliuomini, MD, Luigi Schiraldi, MD, Pietro Giovanni Di Summa, MD, and Giovanni Buzzaccarini, MD*



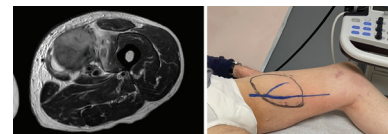
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**VIEWPOINTS**

**658e The Financial Impact of S Code Termination for Autologous Breast Reconstruction: Considerations for Patient Access**



*Danielle Rochlin, MD, Evan Matros, MD, MMSc, Clara Lee, MD, and Clifford Shekter, MD*  
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**660e Lymphatic Mapping and Preservation in Lower Limb Surgery**



*Alberto Franchi, MD, Bruno Fuchs, MD, Abdul Rahman Jandali, MD, and Florian Jung, MD*

**661e Let's Stop DALY-ing in Global Health and Plastic Surgery—We Can Do Better**



*Karen Y. Chung, MD, PhD*

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