

JANUARY 2023, VOLUME 225, NUMBER 1

EDITORIAL: FROM THE EDITOR IN CHIEF

- 1 **From the Editor - in - Chief: Top papers from the association of women surgeons**
Herbert Chen

ASSOCIATION OF WOMEN SURGEONS

ASSOCIATION OF WOMEN SURGEONS PRESIDENTIAL ADDRESS

- 2 **Association of Women Surgeons 2022 Presidential Address: Our fortieth year (plus one)—a ruby anniversary**
Elizabeth Shaughnessy

INVITED COMMENTARY

- 4 **Does virtual negotiation training teach women to put their money where their mouth is?**
Hannah N. Marmor and Lisa K. Cannada

FEATURED ARTICLE

- 6 **The impact of a virtual negotiation training course on female trainees**
Anees B. Chagpar

INVITED COMMENTARY

- 11 **The opportunity cost of operating: Infertility increases among female plastic surgeons**
Alexandra M. Adams and M. Libby Weaver

FEATURED ARTICLE

- 13 **Fertility & childbearing outcomes of female plastic surgeons: How far have we come in 25 years?**
Kshipra Hemal, Juliana Remark, Wendy Chen, and Debra A. Bourne

Invited Commentary

- 20 **ADH: To excise or not to excise, that is the question**
Sydney Record and Akiko Chiba

FEATURED ARTICLE

- 21 **Safety of de-escalation of surgical intervention for atypical ductal hyperplasia on percutaneous biopsy: One size does not fit all**
Jasmine Estrada, Kelsey E. Larson, Lyndsey J. Kilgore, Jamie L. Wagner, Onalisa D. Winblad, Christa R. Balanoff, Lauren Nye, and Amanda L. Amin

INVITED COMMENTARY

- 26 **Is your face worth it? The cost of transfer for isolated facial fractures: A commentary on "Isolated facial fractures transferred for higher level of care"**
Tyler Reynolds and Deepika Koganti

FEATURED ARTICLE

- 28 **Isolated facial fractures transferred for higher level of care**
Emily Lenart, Dina Filiberto, Peter Fischer, Isaac Howley, and Saskya Byerly

ORIGINAL RESEARCH ARTICLES FROM THE ASSOCIATION OF WOMEN SURGEONS

- 33 **The impact of gendered experiences on female medical students' specialty choice: A systematic review**
Sana Khan
- 40 **Patient inequities in affording surgical resident operative autonomy at Veterans Affairs teaching hospitals, does it extend to female patients?**
Grace O. Tsui, Gianna Duncan, Yasong Yu, Joseph B. Oliver, Devashish J. Anjaria, and Anastasia Kunac

- 46** **The other side of conflict: Examining the challenges of female orthopaedic surgeons in the workplace**
Patricia Rodarte, Maria S. Kammire, Heidi Israel, Selina C. Poon, and Lisa K. Cannada
- 53** **Individual components of post-hepatectomy care pathways have differential impacts on length of stay**
Allison N. Martin, Seth J. Concors, Bradford J. Kim, Timothy E. Newhook, Elsa M. Arvide, Whitney L. Dewhurst, Yoshikuni Kawaguchi, Hop S. Tran Cao, Matthew H.G. Katz, Jean-Nicolas Vauthey, and Ching-Wei D. Tzeng
- 58** **Survival in patients with neuroendocrine tumors of the colon, rectum and small intestine**
Hilary R. Keller, Sri H. Senapathi, Anthony Morada, David Bertsch, and Burt Cagir
- 66** **Risk factors for prolonged hospitalization and readmission after total thyroidectomy in children: Associations with surgical subspecialty**
Christopher Snyder, Sacha A. Williams, Paul D. Danielson, and Nicole M. Chandler
- 70** **Utilization of a rapid diagnostic centre during the COVID-19 pandemic reduced diagnostic delays in breast cancer**
Gary Ko, Sangita Sequeira, David R. McCready, Sharmy Sarvanantham, Nancy Li, Shelley Westergard, Vrutika Prajapati, Vivianne Freitas, and Tulin D. Cil
- 75** **Trends in surgery and survival for T1-T2 male breast cancer: A study from the National Cancer Database**
Rashi Singh, Lifan Cao, Anuja L. Sarode, Michael Kharouta, Robert Shenk, and Megan E. Miller
- 84** **The role of tumor phenotype in the surgical treatment of early-stage breast cancer**
Marguerite M. Rooney, Samantha M. Thomas, Mahsa Taskindoust, Rachel A. Greenup, Laura H. Rosenberger, E. Shelley Hwang, and Jennifer K. Plichta
- 93** **Timing and necessity of staging imaging in clinical stage II cutaneous melanoma: Cost-effectiveness and clinical decision analysis**
Mariam Khan, Jessica Thompson, Lindsey Kiiskila, Oselenonome Oboh, Thao Truong, Anthony Prentice, M. Mura Assifi, Mathew Chung, and G. Paul Wright
- 99** **Can Montgomery tubercles impact aesthetic 3D nipple-areolar complex tattooing? An anatomical, quantitative analysis of breast cancer patients**
Lyndsay A. Kandi, Jacob B. Hammond, Danielle A. Thornburg, Tyler L. Jarvis, Max A. Shrout, Chad M. Teven, and Alanna M. Rebecca
- 103** **Intraoperative vascular mapping improves patient eligibility for arteriovenous fistula creation**
Ella Taubenfeld, Young Hun Minjoo Kim, Tabea Hoffstaetter, Jeffrey Silpe, Gregg Landis, and Yana Etkin
- 107** **Impact of inter-hospital transfer on outcomes of urgent cholecystectomy**
Sara Sakowitz, Ayesha Ng, Catherine G. Williamson, Arjun Verma, Joseph Hadaya, Baran Khoraminejad, and Peyman Benharash
- 113** **Racial disparities in outcomes for extracorporeal membrane oxygenation in the United States**
Shannon Richardson, Arjun Verma, Yas Sanaiha, Nikhil L. Chervu, Chelsea Pan, Catherine G. Williamson, and Peyman Benharash
- 118** **Risk factors for clostridium difficile infection in general surgery patients**
Alexis Hess, Saskya Byerly, Emily Lenart, Cory Evans, Andrew Kerwin, and Dina Filiberto
- 122** **Social vulnerability index (SVI) and poor postoperative outcomes in children undergoing surgery in California**
Ava Yap, Ruth Laverde, Avery Thompson, Doruk Ozgediz, Odinakachukwu Ehie, Christian Mpody, and Lan Vu

MY THOUGHTS/MY SURGICAL PRACTICE

- 129 Organizational assessment of health literacy within an academic medical center**
Gyusik Park, Dae Hyun Kim, Connie Shao, Lauren M. Theiss, Burke Smith, Isabel C. Marques, Robert H. Hollis, and Daniel I. Chu
- 131 The University of Michigan Academy of Surgical Educators: A simple but innovative way to promote the value of surgical education and celebrate surgical educators**
Grace J. Kim
- 134 Surgical Skills Coaches: Preparing for a peer-assisted learning model to train medical students in surgical skills**
Eric K. Kim, Patricia C. Conroy, Christopher L. Johnson, Yvonne Kelly, Patricia S. O'Sullivan, Hueylan Chern, and Merisa L. Piper
- 136 Society of Black Academic Surgeons (SBAS) diversity, equity, and inclusion series: Microaggressions - Lessons Learned from Black Academic Surgeons**
Paris D. Butler, Steven D. Wexner, Yewande R. Alimi, Daniel L. Dent, Oluwadamilola M. Fayanju, Nancy L. Gantt, Fabian M. Johnston, and Carla M. Pugh
- 149 The importance of product stewardship for plastic recovery of polyethylene terephthalate in the operating room**
Kerstin Wysusek and Mahalakshmi Avudainayagam
- 151 Is it about time to develop social surgery?**
Christos Tsagkaris, Marios Papadakis, and Lolita Matiashova

ORIGINAL RESEARCH ARTICLES

- 154 Racial, ethnic and socioeconomic disparities in diagnosis, treatment, and survival of patients with breast cancer**
Arash Azin, Houman Tahmasebi, Amanpreet Brar, Sam Azin, Gary Ko, Andrea Covelli, and Tulin Cil

- 162 Emergency department visit patterns in the recently discharged, violently injured patient: Retrospective cohort review**
Kara T. Kleber, Nicole Kravitz-Wirtz, Shani L. Buggs, Christy M. Adams, Angela C. Sardo, Jeffrey S. Hoch, and Ian E. Brown
- 168 Systematic review and meta-analysis comparing perioperative outcomes of emergency appendectomy performed by trainee vs trained surgeon**
Theophilus TK. Anyomih, Thomas Jennings, Alok Mehta, J Robert O'Neill, Ioanna Panagiotopoulou, Stavros Gourgiotis, Elizabeth Tweedle, John Bennett, R Justin Davies, and Constantinos Simillis
- 180 Primary hyperparathyroidism after radioactive iodine therapy: Is it a distinct clinical entity?**
Iuliana Bobanga, Judy Jin, Scott Wilhelm, Anuja Sarode, Christine E. Alvarado, Ayat ElSherif, and Christopher R. McHenry
- 184 Factors that influence discharge opioid prescribing among bariatric surgeons across Michigan**
C. Ann Vitous, Arthur M. Carlin, Jennifer Waljee, Amanda Stricklen, Rachel Ross, Amir Ghaferi, and Anne P. Ehlers
- 191 Sigmoid volvulus: Evaluating identification strategies and contemporary multicenter outcomes**
Anthony Loria, Tricia Jacobson, Alexa D. Melucci, Nicholas Bartell, Michael J. Nabozny, Larissa K. Temple, and Fergal J. Fleming
- 198 Performance of risk prediction models for post-operative mortality in patients undergoing liver resection**
Nadim Mahmud, Sarjukumar Panchal, Florence E. Turrentine, David E. Kaplan, and Victor M. Zaydfudim

206 Predictors of opioid-free discharge after laparoscopic cholecystectomy

Alexa D. Melucci, Yatee A. Dave, Olivia F. Lynch, Shawn Hsu, Mariah R. Erlick, David C. Linehan, and Jacob Moalem on behalf of the University of Rochester's Efforts to Decrease Unnecessary Controlled substances in Surgery (UReduces) Initiative

212 Evolving management of early stage pancreatic adenocarcinoma in older patients

Sean Nassoiy, Wade Christopher, Rebecca Marcus, Jennifer Keller, Jessica Weiss, Shu-Ching Chang, Richard Essner, Leland Foshag, Trevan Fischer, and Melanie Goldfarb

220 Assessment of short readmissions following elective pulmonary lobectomy

Brendan T. Heiden, Matthew Keller, Bryan F. Meyers, Varun Puri, Margaret A. Olsen, and Benjamin D. Kozower