

## Scholarly Activities

### Manuscripts

Alexander, Ashley, M.D. **Amelia Tower, D.O.**, Bethany Malone, M.D. *Antimicrobial Prophylaxis in Trauma Patients*. Journal of Surgical Research. Vol 302, Pgs 398-402, Oct 2024

Natanov, Daniella, D.O., **Amelia Tower, D.O.**, Paul Gray, MD. *The Business of Healing: Medical Students' Opinions on the Need for Formal Business Training in the Medical School Curriculum*. American Association for Physician Leadership-Physician Leadership Journal. July 2024.

**Amelia Tower, D.O.**, Jonathan Hughes, D.O., MPH, Lauren Moore, MS, Kumaraman Srivastava, MS. *Mixed metaplastic carcinoma of the breast: a case report*. J Surg Case Rep. 2023 Mar, 2023(3): rjad144. PMID: 36926632

### Book Chapters

**Amelia Tower, D.O.**, Julieta Robin, M.D., Shivani Duggal, D.O., Thomas B. Julian, M.D., *Landmark Clinical Trials that Impacted Surgical Management of Invasive and Noninvasive Breast Cancer*. Chapter 66 in Balch, Morita et al.: *Textbook of Complex General Surgical Oncology*. McGraw-Hill Publications, 2018

**Amelia Tower, D.O.**, Thomas B. Julian, M.D., Ruta Rao, M.D., Melody Cobleigh, M.D., Siziopikou Kalliopi, M.D., *Anti-HER2/neu therapy in DCIS*. Chapter 10 in *Ductal Carcinoma In Situ and Microinvasive/Borderline Breast Cancer*, Springer Publications, 2015. Pages 99-108

**Amelia Tower, D.O.**, Julieta Robin, M.D., Thomas B. Julian, M.D. *Prevention of Seroma Formation/Drain Placement. Operative Standards for Cancer Surgery. Volume 1-Breast, Lung, Pancreas, and Colon*. Wolters Kluwer Health. Published July 26, 2015. Section1-Breast, Chapter 2, Subsection 5. Page 37

Julieta Robin, M.D., **Amelia Tower, D.O.**, Thomas B. Julian, M.D. *Technique for Injecting Localizing Tracer or Dye. Operative Standards for Cancer Surgery. Volume 1- Breast, Lung, Pancreas, and Colon*. Wolters Kluwer Health. Published July 26, 2015. Section1-Breast, Chapter 4, Subsection 2. Pages 69-72

### Reviews

*Commentary on: Meattini: Role of radiotherapy boost in women with ductal carcinoma in situ: A single-center experience in a series of 389 patients*. Shivani Duggal, D.O., Julieta Robin, M.D., **Amelia Tower, D.O.**, and Thomas B. Julian, MD. *Breast Diseases: A Year Book Quarterly*. Volume 24, Issue 4, 2013, Pages 354-356

*Boost Radiotherapy for the Treatment of Ductal Carcinoma In Situ Remains Controversial*. **Amelia Tower, D.O.**, Shivani Duggal, D.O., Thomas B. Julian, M.D. *Breast Diseases: A Year Book Quarterly*. Volume 26, Issue 1, 2015, Pages 25-27

### Past Research

*IRB/RC#5732 Is Surveillance Worthwhile for Detecting Disease Recurrence in Post Mastectomy Reconstruction?* Principal Investigator: Kathleen Erb, M.D, Co- investigators:

Thomas B. Julian, M.D., Julieta Robin, M.D., **Amelia Tower, D.O.**, Jacquelyn Palmer, M.D.

*IRB/RC# 5740. The Evolving Role of Axillary Ultrasound in the Current Era of Axillary Disease Management in the Breast Cancer Patient.* Principal Investigator: Dr. Kathleen Erb, M.D. Co-Investigators: **Amelia Tower, D.O.**, Tara Grahovac, M.D., Thomas B. Julian, M.D.

### Abstracts

*The Accuracy and Evolving Role of Axillary Ultrasound Core Biopsy in Early Breast Cancer Management.* **Amelia Tower, D.O.**, Kathleen Erb, M.D., Tara Grahovac, M.D., Thomas B. Julian, M.D.

*The Role of Surveillance Imaging for Detecting Local Cancer Recurrence following Post-Mastectomy Reconstruction.* Thomas B. Julian, M.D., Julieta Robin, M.D., Kathleen Erb, M.D., Jacquelyn Palmer, M.D., **Amelia Tower, D.O.**, Michael White, M.D.

### Presentations at Professional and/or Scientific Meetings

2024 *Debunking Myths Left and Right: A New Policy Regarding Patient Care Following Axillary Surgery.* Poster Presentation. Ashley Alexander, M.D. and **Amelia Tower, D.O.** Poster Presentation, 2024 ACS Cancer Conference. Austin, Texas. 2/22/24

2024 *Streamlining Oncologic Excellence: Integrating the 2020 ACS Cancer Care Standards.* Daniella Natanov, D.O., Mackenzie Ewart, D.O., **Amelia Tower, D.O.** Poster Presentation, 2024 ACS Cancer Conference. Austin, Texas. 2/22/24

2024 Ashley Alexander, MD, **Amelia Tower, D.O.**, Bethany Malone, M.D. *Antimicrobial Prophylaxis in Trauma Patients: Time to Renew Efforts.* Podium Presentation, 19th Annual Academic Surgical Congress. Washington DC 2/7/24-2/8/24

2024 Ashley Alexander, MD, **Amelia Tower, D.O.**, Bethany Malone, M.D. *Antibiotic Administration in Trauma Patients.* Podium Presentation, 19th Annual Academic Surgical Congress. Washington DC 2/7/24-2/8/24

2023 Alexandra Green, D.O. and **Amelia Tower, D.O.** "Improving Breast Care Conference Effectiveness." Poster Presentation, Texas Society of Clinical Oncology Annual Conference. Frisco, Texas. 9/23/2023.

2022 *Use of wide field optical coherence tomography (WF-OCT) in margin assessment during breast conserving surgery (BCS) for ductal carcinoma in situ (DCIS).* **Amelia Tower, D.O.** AACR Special Conference Rethinking DCIS: An Opportunity for Prevention? Poster and Podium Presentation, September 8-11. Philadelphia, PA

2022 *Essentials of Matching in General Surgery Residency.* **Amelia Tower, D.O.** Presenter at Annual American College of Osteopathic Surgeons-MSS Conference. UNTHSC-TCOM, Fort Worth, Texas. 4/24/2022

2022 *The Usage of Optical Coherence Tomography for Intraoperative Specimen Review for Breast Cancer Surgery.* **Amelia Tower, D.O.** Presenter 23<sup>rd</sup> Annual Meeting of American Society of Breast Surgeons. Las Vegas, Nevada. 4/8/2022

2022 *The Usage of Optical Coherence Tomography for Intraoperative Specimen Review for Breast Cancer Surgery.* **Amelia Tower, D.O.** Presenter at Society of Surgical Oncology Annual National Conference. Dallas, Texas. 3/9/2022

2015 *Staging the Axilla with Ultrasound and Core Biopsy for Breast Cancer Patients Receiving Neoadjuvant Chemotherapy*. Charis Venditti, M.D., **Amelia Tower, D.O.**, Kathleen Erb, M.D., Thomas B. Julian, M.D. Poster Presentation, 16<sup>th</sup> Annual Meeting of the American Society of Breast Surgeons, Orlando, Florida, Charis Venditti, M.D., and **Amelia Tower, D.O.** 4/30/14

2014 *Hereditary Breast Cancer: What to Expect from a Visit with a Breast Surgical Oncologist*. **Amelia Tower, D.O.** Presenter at 8<sup>th</sup> Annual DFW Hereditary Patient Cancer Patient Conference, Medical City Dallas Hospital, Dallas, Texas. 11/15/2014

2014 *The Accuracy and Evolving Role of Axillary Ultrasound Core Biopsy in Early Breast Cancer Management*, Poster Presentation, **Amelia Tower, D.O.** Poster Presentation, 15<sup>th</sup> Annual Meeting of the American Society of Breast Surgeons, Las Vegas, Nevada, 5/1/14

2014 *The Role of Surveillance Imaging for Detecting Local Cancer Recurrence following Post-Mastectomy Reconstruction*. Julieta Robin, M.D., and **Amelia Tower, D.O.** Poster, Presentation, Breast Cancer Care Coordinated Conference, Washington, D.C. 2/21/14.