



## Travis Miller, MD

Clinical Assistant Professor, Surgery - Plastic & Reconstructive Surgery

### CLINICAL OFFICE (PRIMARY)

- **Plastic Surgery Tri-Valley**

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### ACADEMIC CONTACT INFORMATION

- **Administrative Contact**

Jasmine Murray - Administrative Associate

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### Bio

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#### BIO

Dr. Travis Miller is a fellowship-trained plastic and reconstructive surgeon at Stanford Health Care. He is a Clinical Assistant Professor in the Department of Surgery, Division of Plastic & Reconstructive Surgery at Stanford University School of Medicine.

Dr. Miller specializes in plastic surgery from head to toe with additional training in hand and microsurgery. He treats a multitude of conditions of the hand and upper extremity, including carpal tunnel syndrome, trigger finger, hand and wrist fractures, wrist pain and instability, arthritis, cubital tunnel syndrome, Dupuytren's, and brachial plexus injury. He specializes in complex reconstruction all over the body using both local tissues and free tissue transfer. He has a special interest in peripheral nerve surgery, including treating nerve compression syndromes, tumors, traumatic injuries, amputation pain, neuromas, and migraines. He also performs aesthetic surgery, and for all his patients he strives to achieve their functional and cosmetic goals.

Dr. Miller received his medical degree from the University of Texas Southwestern Medical School where he graduated first in his class. He completed his residency in plastic and reconstructive surgery through Stanford University School of Medicine. Before pursuing a fellowship in Hand and Microsurgery at the University of Washington, he also completed an in-residency fellowship at the Buncke Clinic in San Francisco, widely considered the birthplace of microsurgery.

Dr. Miller has an extensive research background. He collaborated with a team that invented and patented a medical device used for coiled surgical tools and catheters. In addition to book chapters and monographs, he has written numerous peer-reviewed journal manuscripts that have been published in journals such as The Journal of Hand Surgery, The Journal of Surgical Oncology, Microsurgery, and Plastic and Reconstructive Surgery. Dr. Miller has presented his research at regional, national, and international meetings.

#### CLINICAL FOCUS

- Hand and Microsurgery
- Plastic Surgery

## ACADEMIC APPOINTMENTS

- Clinical Assistant Professor, Surgery - Plastic & Reconstructive Surgery

## PROFESSIONAL EDUCATION

- Board Certification: Plastic Surgery, American Board of Plastic Surgery (2024)
- Fellowship: University of Washington Hand and Microvascular Fellowship (2023) WA
- Residency: Stanford University Dept of Plastic Surgery (2022) CA
- Fellowship: California Pacific Medical Center (2019) CA
- Medical Education: University of Texas Southwestern Medical School Registrar (2015) TX

## Publications

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### PUBLICATIONS

- **Acetylsalicylic Acid is Not Associated With Improved Clinical Outcomes After Microsurgical Breast Reconstruction.** *The Journal of surgical research*  
Liu, F. C., Miller, T. J., Henn, D., Nguyen, D., Momeni, A.  
2023; 288: 172-177
- **Preoperative beta-Lactam Antibiotic Prophylaxis Is Superior to Bacteriostatic Agents in Immediate Breast Reconstruction with Acellular Dermal Matrix**  
Miller, T. J., Remington, A. C., Nguyen, D. H., Gurtner, G. C., Momeni, A.  
ELSEVIER SCIENCE INC.2021: S210
- **Prevention and Management of Complications of Tissue Flaps.** *The Surgical clinics of North America*  
Miller, T. J., Lavin, C. V., Momeni, A., Wan, D. C.  
2021; 101 (5): 813-829
- **Transgender Scrotoplasty and Perineal Reconstruction With Labia Majora Flaps Technique and Outcomes From 147 Consecutive Cases** *ANNALS OF PLASTIC SURGERY*  
Miller, T. J., Lin, W. C., Safa, B., Watt, A. J., Chen, M. L.  
2021; 87 (3): 324-330
- **Preoperative beta-lactam antibiotic prophylaxis is superior to bacteriostatic alternatives in immediate expander-based breast reconstruction.** *Journal of surgical oncology*  
Miller, T. J., Remington, A. C., Nguyen, D. H., Gurtner, G. C., Momeni, A.  
2021
- **The Impact of Coagulopathy on Clinical Outcomes following Microsurgical Breast Reconstruction.** *Plastic and reconstructive surgery*  
Liu, F. C., Miller, T. J., Wan, D. C., Momeni, A.  
2021
- **A Magnetized Brace Designed to Elevate the Extremity after Hand Trauma and Surgery.** *Plastic and reconstructive surgery. Global open*  
Miller, T. J.  
2021; 9 (3): e3460
- **Bilaminar Synthetic Dermal Matrix versus Free Fascial Flaps: A Cost-Effectiveness Analysis for Full-Thickness Hand Reconstruction.** *Journal of reconstructive microsurgery*  
Miller, T. J., Lin, W. C., Watt, A. J., Sheckter, C. C.  
2021
- **Three-Dimensionally-Printed Hand Surgical Simulator for Resident Training.** *Plastic and reconstructive surgery*  
Farrell, D. A., Miller, T. J., Chambers, J. R., Joseph, V. A., McClellan, W. T.  
2020; 146 (5): 1100–1102
- **An abnormal clinical Allen's Test is not a contraindication for free radial forearm flap** *CLINICAL CASE REPORTS*  
Miller, T. J., Safa, B., Watt, A. J., Chen, M. L., Lin, W. C.

2020

- **Radial Artery Occlusion in a Patient With Lupus, Antiphospholipid Syndrome, and Raynaud Phenomenon: A Multimodal Approach.** *The Journal of hand surgery*  
Miller, T. J., Lin, W. C., Safa, B.  
2019
- **Breast augmentation in male-to-female transgender patients: Technical considerations and outcomes.** *JPRAS open*  
Miller, T. J., Wilson, S. C., Massie, J. P., Morrison, S. D., Satterwhite, T.  
2019; 21: 63–74
- **Sarcopenia Is a Risk Factor for Infection for Patients Undergoing Abdominoperineal Resection and Flap-based Reconstruction** *PLASTIC AND RECONSTRUCTIVE SURGERY-GLOBAL OPEN*  
Miller, T. J., Sheckter, C. C., Barnes, L. A., Li, A. Y., Momeni, A.  
2019; 7 (7)
- **Sarcopenia Is a Risk Factor for Infection for Patients Undergoing Abdominoperineal Resection and Flap-based Reconstruction.** *Plastic and reconstructive surgery. Global open*  
Miller, T. J., Sheckter, C. C., Barnes, L. A., Li, A. Y., Momeni, A.  
2019; 7 (7): e2343
- **How Much Time are Physicians and Nurses Spending Together at the Patient Bedside?** *Journal of hospital medicine*  
Sang, A. X., Tisdale, R. L., Nielsen, D., Loica-Mersa, S., Miller, T., Chong, I., Shieh, L.  
2019; 14: E1–E6
- **Correction of complete thoracic duct obstruction with lymphovenous bypass: A case report** *MICROSURGERY*  
Miller, T. J., Gilstrap, J. N., Maeda, K., Rockson, S., Nguyen, D. H.  
2019; 39 (3): 255–58
- **Digit Tip Injuries: Current Treatment and Future Regenerative Paradigms** *STEM CELLS INTERNATIONAL*  
Miller, T. J., Deptula, P. L., Buncke, G. M., Maan, Z. N.  
2019; 2019
- **Digit Tip Injuries: Current Treatment and Future Regenerative Paradigms.** *Stem cells international*  
Miller, T. J., Deptula, P. L., Buncke, G. M., Maan, Z. N.  
2019; 2019: 9619080
- **Sarcopenia Is a Risk Factor for Infection for Patients Undergoing Abdominoperineal Resection and Flap-based Reconstruction** *Plastic and Reconstructive Surgery Global Open*  
Miller, T. J., Sheckter, C. C., Barnes, L. A., Li, A. Y., Momeni, A.  
2019; 7 (7)
- **Breast augmentation in male-to-female transgender patients: Technical considerations and outcomes** *JPRAS Open*  
Miller, T. J., Wilson, S. C., Morrison, S. D., Massie, J. P., Satterwhite, T.  
2019; 21: 53-71
- **Tendon Injuries of the Hand: Current Treatment Strategies and Future Options.** *Stem Cell Research International*  
Miller, T. J., Lin, W. C.  
2019; 3 (1)
- **Correction of complete thoracic duct obstruction with lymphovenous bypass: A case report.** *Microsurgery*  
Miller, T. J., Gilstrap, J. N., Maeda, K., Rockson, S., Nguyen, D. H.  
2018
- **The Anterolateral Thigh Flap: Clinical Applications and Review of the Literature** *Biomedical Journal of Scientific and Technical Research*  
Deptula, P. L., Miller, T. J., Cai, L. Z., Lee, G. K.  
2018; 7 (2)
- **Nipple Reconstruction: Risk Factors and Complications.** *Nipple-Areolar Complex Reconstruction*  
Davis, G. B., Miller, T. J., Lee, G. K.  
2018

- **Mastectomy Skin Necrosis: Risk Factors, Prevention, and Management** *Mastectomy*  
Miller, T. J., Sue, G. R., Lee, G. K.  
2016; 2–29
- **Barbed Sutures and Wound Complications in Plastic Surgery: An Analysis of Outcomes** *AESTHETIC SURGERY JOURNAL*  
Cortez, R., Lazcano, E., Miller, T., Hein, R. E., Constantine, R. S., Anigian, K., Davis, K. E., Kenkel, J. M.  
2015; 35 (2): 178–88
- **An Alternative Outpatient Care Model: Postoperative Guest Suite-Based Care** *AESTHETIC SURGERY JOURNAL*  
Hein, R. E., Constantine, R. S., Cortez, R., Miller, T., Anigian, K., Lysikowski, J., Davis, K., Reed, G., Trussler, A., Rohrich, R. J., Kenkel, J. M.  
2014; 34 (8): 1225–31
- **Effectiveness of Prophylactic Antibiotics in Outpatient Plastic Surgery** *AESTHETIC SURGERY JOURNAL*  
Anigian, K. T., Miller, T., Constantine, R. S., Farkas, J., Cortez, R., Hein, R., Lysikowski, J. R., Davis, K. E., Reed, G., Kenkel, J. M.  
2014; 34 (8): 1252–58
- **Internal Jugular Vein Stenosis is Common in Patients Presenting with Neurogenic Thoracic Outlet Syndrome** *ANNALS OF VASCULAR SURGERY*  
Ahn, S. S., Miller, T. J., Chen, S. W., Chen, J. F.  
2014; 28 (4): 946–50
- **Evaluation of the American Society of Anesthesiologists Physical Status Classification System in Risk Assessment for Plastic and Reconstructive Surgery Patients** *AESTHETIC SURGERY JOURNAL*  
Miller, T. J., Jeong, H. S., Davis, K., Matthew, A., Lysikowski, J., Cho, M., Reed, G., Kenkel, J. M.  
2014; 34 (3): 448–56
- **What Is the True Incidence of Anomalous Bovine Left Common Carotid Artery Configuration?** *ANNALS OF VASCULAR SURGERY*  
Ahn, S. S., Chen, S. W., Miller, T. J., Chen, J. F.  
2014; 28 (2): 381–85
- **Application of the Caprini Risk Assessment Model in Evaluation of Non-Venous Thromboembolism Complications in Plastic and Reconstructive Surgery Patients** *AESTHETIC SURGERY JOURNAL*  
Jeong, H. S., Miller, T. J., Davis, K., Matthew, A., Lysikowski, J., Lazcano, E., Reed, G., Kenkel, J. M.  
2014; 34 (1): 87–95