

JACOB M. MARKS MD

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EDUCATION

University of Pennsylvania , School of Arts and Sciences, Philadelphia, PA Bachelor of Arts, Biology	2008 – 2012
Georgetown University , Special Masters' Program in Physiology, Washington DC Master of Science, Physiology and Biophysics	2012 – 2013
Georgetown University School of Medicine , Washington, DC Doctor of Medicine, Cum Laude	2013 – 2017
University of Wisconsin Hospital and Clinics , Madison, WI Residency Training, Integrated Plastic Surgery	2017 – 2023
Manhattan, Eye, Ear, and Throat Hospital , New York, NY Fellowship Training, Aesthetic Plastic Surgery	2023 – 2024

PROFESSIONAL AND SCIENTIFIC SOCIETY AFFILIATIONS

American Medical Association	2013 – Present
Alpha Omega Alpha Honor Medical Society	2017 – Present
American Society for Aesthetic Plastic Surgery	2018 – Present

LICENSURE

Medical License	
Wisconsin #70560-20	2017 – 2023
New York #321781	2023 – Present
Arizona #72603	2024 – Present

HONORS AND AWARDS

Honorable Mention for Excellence in Podium Presentation Georgetown University School of Medicine Student Research Day, Washington, DC	2017
Alpha Omega Alpha Class Honor Medical Society Georgetown University School of Medicine Chapter, Washington, DC	2017
Cum Laude Georgetown University School of Medicine, Washington, DC	2017
Resident Clinical Research Award Wisconsin Society of Plastic Surgeons, Milwaukee, WI	2019
Layton F. Ridders Outstanding Resident Educator Award University of Wisconsin Department of Surgery, Madison, WI	2021
Best Grand Rounds Presentation University of Wisconsin Division of Plastic Surgery, Madison, WI	2021
Unrestricted Educational Grant (\$1,000), awarded in support of Quick Cuts: A Plastic Surgery Podcast	2021

KLS Martin, Madison, WI

Best Presentation 2023
Wisconsin Society of Plastic Surgeons, Milwaukee, WI

LEADERSHIP AND SERVICE

Student Volunteer – Gallup Indian Medical Center Emergency Department 2013 – 2014
Student Volunteer – Georgetown University School of Medicine HOYA Clinic 2013 – 2017
Director/Coordinator – Resident Nonsurgical Cosmetic Clinic 2020 – 2022

CURRENT AND PRIOR RESEARCH FUNDING

Medstar Georgetown University Hospital Cardiology Division and Georgetown University Medical Center Folger Cardiovascular Prevention Grant (\$7,500). **Marks JM** (Co-I), Milzman D (PI). Modifiable Cardiac Risk Factor Assessment in Native American ED Patients: Evaluation of Navajo Patient’s Likelihood to Accept Changes. 2014-2016.

Allergan Publication Grant (\$5,000). **Marks JM** (Co-I), Afifi AM (PI). Current Trends in Prepectoral Breast Reconstruction: A Survey of ASPS Members. 2018-2020.

PUBLICATIONS – PEER REVIEWED

Tordoff MG, Jaji SA, **Marks JM**, Ellis HT. Macronutrient choice of BTBR. NZW mice congenic for a 21-gene region of chromosome 17. *Physiology & Behavior* 2012;106(4),556-61. PMID: 22504492.

Tilt A, Falola RA, Kumar A, Campbell TJ, **Marks JM**, Attinger CE, Evans KK. Operative Management of Abdominal Wound Dehiscence: Outcomes and Factors Influencing Time to Healing in Patients Undergoing Surgical Debridement With Primary Closure. *Wounds*. 2018;30(11),317-23. PMID: 30289765.

Marks JM, Farmer RL, Afifi AM. Current Trends in Prepectoral Breast Reconstruction: A Survey of American Society of Plastic Surgeons Members. *Plastic and Reconstructive Surgery Global Open*. 2020;8(8)e3060. PMID: 32983804.

Marks JM, Mackenzie EL, Rose KR, Shaffrey EC, Larson JD, Siebert JW, Afifi AM. Preparing for a Crowded Cosmetic Market: A Resident Training Model for Minimally Invasive Cosmetic Treatments. *Plastic and Reconstructive Surgery*. 2022;150(2),317-24. PMID: 35666161.

Mueller AM, Wood Matabele KL, Edalatpour A, **Marks JM**, Afifi AM. Social Media Popularity and Academic Productivity in Academic Plastic Surgery: A Positive Correlation. *Aesthetic Plastic Surgery*. 2023;47(5),2150-8. PMID: 37653180.

Abi-Rafeh J, Mroueh VJ, Bassiri-Tehrani B, **Marks J**, Kazan R, Nahai F. Complications Following Body Contouring: Performance Validation of Bard, a Novel AI Large Language Model, in Triaging and Managing Postoperative Patient Concerns. *Aesthetic Plastic Surgery*. 2024;48(5):953-76. PMID 38273152.

BOOK CHAPTERS

Marks JM, Afifi AM. “Nummular Headache.” In: Afifi AM, Peled ZM, Janis JE, eds. *Surgical Treatment of Chronic Headaches and Migraines*. Cham: Springer. 2020: 119-125.

PUBLISHED MEDIA

Marks, JM. “Episode 1: Cleft Palate.” Quick Cuts: A Plastic Surgery Podcast. 2020 Dec 26. <https://www.quickcutspodcast.com>

Marks, JM. “Episode 2: Facelift.” Quick Cuts: A Plastic Surgery Podcast. 2021 Jan 1. <https://www.quickcutspodcast.com>

Marks, JM. "Episode 3: Syndactyly." Quick Cuts: A Plastic Surgery Podcast. 2021 Jan 9. <https://www.quickcutspodcast.com>

Marks, JM. "Episode 4: Gynecomastia." Quick Cuts: A Plastic Surgery Podcast. 2021 Jan 16. <https://www.quickcutspodcast.com>

Marks, JM. "Episode 5: Breast Reduction." Quick Cuts: A Plastic Surgery Podcast. 2021 Jan 23. <https://www.quickcutspodcast.com>

Marks, JM. "Episode 6: Orbital Fractures." Quick Cuts: A Plastic Surgery Podcast. 2021 Jan 30. <https://www.quickcutspodcast.com>

Marks, JM. "Episode 7: Upper Lid Blepharoplasty." Quick Cuts: A Plastic Surgery Podcast. 2021 Feb 6. <https://www.quickcutspodcast.com>

Marks, JM. "Episode 8: Lower Lid Blepharoplasty." Quick Cuts: A Plastic Surgery Podcast. 2021 Feb 13. <https://www.quickcutspodcast.com>

Marks, JM. "Episode 9: Lower Extremity Reconstruction." Quick Cuts: A Plastic Surgery Podcast. 2021 Feb 20. <https://www.quickcutspodcast.com>

Marks, JM. "Episode 10: Breast Augmentation." Quick Cuts: A Plastic Surgery Podcast. 2021 Feb 27. <https://www.quickcutspodcast.com>

Marks, JM. "Episode 11: Lymphedema." Quick Cuts: A Plastic Surgery Podcast. 2021 Mar 6. <https://www.quickcutspodcast.com>

Marks, JM. "Episode 12: Cleft Lip." Quick Cuts: A Plastic Surgery Podcast. 2021 Mar 21. <https://www.quickcutspodcast.com>

Marks, JM. "Episode 13: Pressure Ulcers." Quick Cuts: A Plastic Surgery Podcast. 2021 Mar 27. <https://www.quickcutspodcast.com>

Marks, JM. "Episode 14: Carpal Tunnel Syndrome." Quick Cuts: A Plastic Surgery Podcast. 2021 Apr 3. <https://www.quickcutspodcast.com>

Marks, JM. "Episode 15: Zygomaticomaxillary Complex Fractures." Quick Cuts: A Plastic Surgery Podcast. 2021 Apr 11. <https://www.quickcutspodcast.com>

Marks, JM. "Episode 16: Liposuction." Quick Cuts: A Plastic Surgery Podcast. 2021 Apr 18. <https://www.quickcutspodcast.com>

Marks, JM. "Episode 17: Chest Wall Reconstruction." Quick Cuts: A Plastic Surgery Podcast. 2021 Apr 25. <https://www.quickcutspodcast.com>

Marks, JM. "Episode 18: Microtia." Quick Cuts: A Plastic Surgery Podcast. 2021 May 2. <https://www.quickcutspodcast.com>

Marks, JM. "Episode 19: Finger Replantation." Quick Cuts: A Plastic Surgery Podcast. 2021 May 15. <https://www.quickcutspodcast.com>

Marks, JM. "Episode 20: Abdominoplasty." Quick Cuts: A Plastic Surgery Podcast. 2021 May 23. <https://www.quickcutspodcast.com>

Marks, JM. "Episode 21: Posterior Interosseous Nerve Syndrome." Quick Cuts: A Plastic Surgery Podcast. 2021 June 2. <https://www.quickcutspodcast.com>

Marks, JM. "Episode 22: Gender-Affirming Mastectomy." Quick Cuts: A Plastic Surgery Podcast. 2021 June 18. <https://www.quickcutspodcast.com>

Marks, JM. "Episode 23: Neurotoxins for Facial Rejuvenation." Quick Cuts: A Plastic Surgery Podcast. 2021 Aug 2. <https://www.quickcutspodcast.com>

Marks, JM. “Episode 24: Posterior Trunk Reconstruction.” Quick Cuts: A Plastic Surgery Podcast. 2021 Sep 2.
<https://www.quickcutspodcast.com>

Marks, JM. “Episode 25: Flexor Tendon Injury.” Quick Cuts: A Plastic Surgery Podcast. 2021 Oct 8.
<https://www.quickcutspodcast.com>

Marks, JM. “Episode 26: Nonmelanoma Skin Cancer.” Quick Cuts: A Plastic Surgery Podcast. 2021 Oct 26.
<https://www.quickcutspodcast.com>

Marks, JM. “Episode 27: Cubital Tunnel Syndrome.” Quick Cuts: A Plastic Surgery Podcast. 2021 Nov 12.
<https://www.quickcutspodcast.com>

Marks, JM. “Episode 28: Infantile Hemangioma.” Quick Cuts: A Plastic Surgery Podcast. 2022 Feb 27.
<https://www.quickcutspodcast.com>

Marks, JM. “Episode 29: Mastopexy.” Quick Cuts: A Plastic Surgery Podcast. 2022 Apr 4. <https://www.quickcutspodcast.com>

Marks, JM. “Episode 30: Nasoorbitoethmoid Fractures.” Quick Cuts: A Plastic Surgery Podcast. 2022 Dec 1.
<https://www.quickcutspodcast.com>

SCIENTIFIC PRESENTATIONS

Tejiram S, Brummel-Ziedins K, Orfeo T, Butenas S, Hamilton B, **Marks J**, Moffatt L, Shupp J. Analysis of the Coagulation System in Burn Patients: Perhaps Not As Simple As INR. Podium presentation. 10th Annual Academic Surgical Congress. Las Vegas, NV, February 2015.

Falola RA, Tilt A, Anghel EL, **Marks JM**; Campbell TJ, Attinger CE, Evans KK. Management of abdominal wall dehiscence – Is debridement and re-closure in high risk patients a viable alternative? Poster presentation. Medstar Washington Hospital Center 20th Annual House Staff Research Day. Washington, DC. May 2016.

Falola RA, Devulapali C, **Marks JM**, Bhanot P, Nahabedian MY. Does simultaneous abdominal hernia repair affect outcomes after panniculectomy? Poster presentation. Abdominal Wall Reconstruction. Washington, DC. June 2016.

Falola RA, Tilt A, Anghel EL, **Marks JM**; Campbell TJ, Attinger CE, Evans KK. Management of abdominal wall dehiscence – Is debridement and re-closure in high risk patients a viable alternative? Poster presentation. Abdominal Wall Reconstruction. Washington, DC. June 2016.

Marks JM, Milzman DP. Modifiable Cardiac Risk Factor Assessment in Native American ED Patients: Evaluation of Navajo Patient’s Likelihood to Accept Changes. Podium presentation. GUSOM Student Research Day. Washington, DC. May 2017.

Marks JM, Afifi AM. Simplifying Prepectoral Reconstruction: A New Era in Alloplastic Breast Surgery. Poster presentation. 10th Annual University of Wisconsin Department of Surgery Research Summit. Madison, WI. January 2018.

Marks JM, Farmer RL, Afifi AM. Current Trends in Prepectoral Breast Reconstruction: A Survey of ASPS Members. Podium presentation. Wisconsin Society of Plastic Surgeons. Milwaukee, WI. April 2019.

Thadikonda KM, **Marks JM**, Nayar HS, Afifi AM. Refining Prosthesis Assembly and Shaping Methods in Prepectoral Breast Reconstruction. Podium presentation. Midwestern Association of Plastic Surgeons, Lake Geneva, WI. May 2019.

Marks JM, Farmer RL, Afifi AM. Current Trends in Prepectoral Breast Reconstruction: A Survey of ASPS Members. Podium presentation. Midwestern Association of Plastic Surgeons, Lake Geneva, WI. May 2019.

Marks JM, Carbullido MK, Garland G. The Availability of Podcast-Based Education in Plastic Surgery. 13th Annual University of Wisconsin Department of Surgery Research Summit. Madison, WI. January 2022.

Marks JM, Carbullido MK, Garland G. The Availability of Podcast-Based Education in Plastic Surgery. Midwestern Association of Plastic Surgeons. Chicago, IL. May 2022.

Marks JM, Afifi AM. Simultaneous Truncal Contouring and Autologous Breast Reconstruction with Fleur-de-lis DIEP Flaps. Wisconsin Society of Plastic Surgeons. Milwaukee, WI. March 2023.

Abi-Rafeh J, Cattelan L, Bassiri-Tehrani B, **Marks J**, Kazan R, Shridharani S, Albert M, Nikolis A, Gilardino M, Nahai F. Artificial Intelligence-Generated Educational Curriculum on Facial Neurotoxin Injections: Assessment of Educational Content, Curriculum Structure & Course Logistics. The Aesthetic Society. Vancouver, BC. May 2024.

GRAND ROUNDS PRESENTATIONS

Marks JM. Perioperative Management of Aspirin. Plastic Surgery Grand Rounds, University of Wisconsin Division of Plastic Surgery, Madison, WI. July 2017.

Marks JM. Hair Restoration: Medical Management, Surgical Options, and Hair Transplantation. Plastic Surgery Grand Rounds, University of Wisconsin Division of Plastic Surgery, Madison, WI. November 2017.

Marks JM. EBM: Evidence Based Microsurgery. Plastic Surgery Grand Rounds, University of Wisconsin Division of Plastic Surgery, Madison, WI. March 2018.

Marks JM, Afifi AM. Nonsurgical Rhinoplasty. Plastic Surgery Grand Rounds, University of Wisconsin Division of Plastic Surgery. Madison, WI. November 2018.

Marks JM, Michelotti BF. Evidence Based Drain Management in Plastic Surgery. Plastic Surgery Grand Rounds, University of Wisconsin Division of Plastic Surgery. Madison, WI. February 2019.

Marks JM, Michelotti BF. Breast Implant-Associated Anaplastic Large Cell Lymphoma: Clinical Review and Updates. Plastic Surgery Grand Rounds, University of Wisconsin Division of Plastic Surgery. Madison, WI. April 2019.

Marks JM, Poore SO. Tissue Engineering in Plastic Surgery: Concepts and Current Applications. Plastic Surgery Grand Rounds, University of Wisconsin Division of Plastic Surgery. Madison, WI. January 2020.

Marks JM, Afifi AM. Safety in Body Contouring: Using Data Supported Principles to Shape Up Patient Outcomes. Plastic Surgery Grand Rounds, University of Wisconsin Division of Plastic Surgery. Madison, WI. October 2020.

Marks JM. Never Settle: The State of Aesthetic Training in Plastic Surgery Residency. Plastic Surgery Grand Rounds, University of Wisconsin Division of Plastic Surgery. Madison, WI. December 2021.