

# GREGORY A. DUMANIAN M.D., F.A.C.S.

Nov 21, 2022

Division of Plastic Surgery  
675 N. St. Clair Suite 19-250  
Chicago, IL 60611  
Phone 312-695-6022  
E mail: [gdumania@nm.org](mailto:gdumania@nm.org)

## Education

### *High School*

1975-1979      Morgan Park Academy                      High School Diploma  
Chicago, Illinois

### *Undergraduate*

1979-1983      Harvard College                              Bachelor of Arts  
Cambridge, Massachusetts

### *Medical School*

1983-1987      University of Chicago                      M.D.  
Chicago, IL

### *Graduate Medical Training*

07/87-06/92      General Surgery Residency, Massachusetts General Hospital,  
Boston, MA      Dr. Leslie Ottinger, Program Director

07/92-6/93      Research Fellowship, University of Pittsburgh Division of Plastic  
Maxillofacial and Reconstructive Surgery, Pittsburgh, PA  
Dr. Peter Johnson, Research Advisor

07/93- 6/95      Plastic Surgery Residency, University of Pittsburgh Division of Plastic  
Maxillofacial and Reconstructive Surgery, Pittsburgh, PA  
Dr. J. William Futrell, Division Chairman

7/95-6/96      Hand Surgery Fellowship, Union Memorial Hospital, Baltimore, MD  
E. F. Shaw Wilgis, Division Chairman

## Board certification and licensure

Board Certification:    American Board of Surgery. 2/10/1993, Certificate #38032  
   Recertified 10/17/2003  
   Recertified 12/9/2014. Expires 12/31/2024  
   American Board of Plastic Surgery 9/12/98, Certificate # 5453  
   Recertified 12/1/2008.  
   Recertified 6/11/2018. Expires 12/31/2028

Certificate of Added Qualification in Hand Surgery 10/1999.  
Recertified 10/30/2009. Expired 12/31/2019.

Licensure: Physician, Illinois, 036-091634. Up to date.  
Physician, Maryland, D47070, Expired 12-31-1997  
Physician, Pennsylvania, MD-044642L, Expired 12-31-1996

CITI program Record ID 32307638, Expiration date May 7, 2023

## Honors and awards

High School Valedictorian 1979

Harvard College, *summa cum laude* in Chemistry 1983

Phi Beta Kappa , Harvard College 1983

University of Chicago Pritzker School of Medicine M.D., with honors

Alpha Omega Alpha 1987

General Surgery Written Board Examination, 99% score, 1992

Marty Sullivan Teaching Award Plastic Surgery, 2000, 2001, 2003, 2004, 2009, 2014, 2019,  
2022

Victor Lewis Teaching Award 2016

Department of Urology Teaching Award 2016

Excellence in teaching award, Department of Surgery, 2002, 2003, 2004, 2005, 2006

DaVinci Award from Ford Motor Co. co-recipient with Neural Engineering Center for Artificial  
Limbs 10/2005

US News and World Report Top Doctor

Trends in Plastic Surgery (TIPS) Innovation Challenge Winner, 6/1/2013, "Mesh Suture".

Plastic Surgery Education Foundation Visiting Scholar 2013-2014

Chicago Magazine Best Doctor (Plastic Surgery) 2019

Orion and Lucille Stuteville Professor of Plastic Surgery, 9/1/2014

Barracuda Tank Winner, International Hernia Congress 3/2018

American Association of Plastic Surgeons Research Achievement Award Clinical, 2019

## Faculty appointments

7/96-8/04 Assistant Professor of Surgery, Division of Plastic Surgery, Northwestern  
University Feinberg School of Medicine

9/04-8/09 Associate Professor of Surgery, Division of Plastic Surgery, Northwestern  
University Feinberg School of Medicine

4/05-9/16 Program Director, Division of Plastic Surgery, Northwestern University  
Feinberg School of Medicine

9/09 Professor of Surgery, Division of Plastic Surgery, Northwestern University  
Feinberg School of Medicine

1/10- 6/19 Chief of Plastic Surgery, Jesse Brown VAMC, Chicago, IL.

12/10	Chief of Plastic Surgery, Northwestern Division of Plastic Surgery
9/2014	Orion and Lucille Stuteville Professor of Surgery
10/14	<u>Professor of Physical Medicine and Rehabilitation, Adjunct.</u> Northwestern University Feinberg School of Medicine
2/16	<u>Professor of Medical Education, Adjunct.</u> Northwestern University Feinberg School of Medicine

## **Hospital staff appointments**

Northwestern Memorial Hospital  
Jesse Brown VAMC

## **Professional and scientific activity**

American Society of Plastic Surgery 1997-present  
Fellow, American College of Surgery 1997-present  
American Society of Reconstructive Microsurgery 2011-present  
American Society of Reconstructive Transplantation 2011-2013  
Association of American Plastic Surgeons 2012-present  
Associate Editor, Plastic and Reconstructive Surgery 1/2007-10/2014  
Associate Editor, Journal of Hand Surgery 6/2009-12/2013  
American Board of Plastic Surgery, Junior Oral Board Examiner 2007- 2010  
American Board of Plastic Surgery, Senior Oral Board Examiner 2012-2014, 2016-2018, 2020, 2022

## **Research grants/contracts**

1. Principal investigator, \$4800 Plastic Surgery Research Grant to investigate tourniquet coagulopathy, 1996.
2. Principal investigator, "Biodegradable gels for prevention of adhesion neuritis. Funding: Focal, Inc. \$5000 direct costs. 1997.
3. Principal investigator SBRI Phase 1 grant, "Biodegradable gels for prevention of adhesion neuritis, pending final approval. \$22,426 direct costs. 1998.
4. Senior investigator, \$4000 Plastic Surgery Research Grant to investigate the anti-scar effects of TGF-Beta in a rat nerve adhesion model, 1999.
5. Consultant NIH grant RO1 HD044798-01: Trial of nerve-muscle grafts in transhumeral amputees for improved prosthesis control.
6. Consultant NIH grant RO1 HD043137-01: Analysis of EMG propagation in planar muscles for improved prosthesis control.

7. Targeted hyper-reinnervation to improve myoelectric prosthesis control in a woman with shoulder amputation. National Institute of child health and human development. \$23,354.
8. DEKA prime contract #W911NF-06-C-001. Targeted hyper-reinnervation to improve myoelectric prosthesis control. Two year grant for \$242,664.
9. Consultant NIH grant R01 HD058000-01. Targeted Reinnervation and Pattern-Recognition Control for Transradial Amputees. Salary support for \$11,673 for five years.
10. Development of a neural interface for powered lower limb prostheses. US Army for research. \$60,105 for year one.
11. Department of Defense Award OR120021 (W81xWH-13-2-0100), "Targeted Reinnervation as a means to treat neuromas associated with major limb amputation. \$2,459,187. PI.

## **Intellectual Property**

1. US 20130226232A1. Improved suture. Awarded United States Patent 1/19/2016.
  - i. Awarded Europe Patent 8/2017 No. 12816392.0
  - ii. Awarded Japan Patent 7/2017 No. 2014-558731
  - iii. Awarded Australia Patent 8/2017 No. 2012370448
  - iv. Awarded Mexico Patent 12/2017 No. MX/a/2014/10180
  - v. Awarded China Patent 9/2018 No. 201280070639.6
  - vi. Awarded Korea Patent 10/26/2018 No. 10-2014-7026080
  - vii. Awarded Israel Patent 1/18/2019 No. 234126
  - viii. Awarded Canadian Patent 4/18/2019. No. 2865278
2. US20140276454A1. Stress shield and infection control for a skin-implant interface. Under prosecution.
3. US20180078255A1. Indirect attachment of a needle to a mesh suture. Awarded 2/17/2019
  - i. Israeli Patent 264952. Indirect attachment of a needle to a mesh suture. Awarded 8/23/2019
  - ii. Korea Patent 10-2019-7008610. Indirect attachment of a needle to a mesh suture. Awarded 2/11/2020
  - iii. Japan Patent. 2019-511390. Indirect attachment of a needle to a mesh suture.
  - iv. EPO Patent Application 18742649.9. Indirect attachment of a needle to a mesh suture. 1/11/2021
4. US 10881394 B2. Mesh Suture Awarded Jan 5, 2021. Method patent for mesh sutured repair.

## **Scholarly Productivity**

### ***Journal articles***

1. Dumanian GA, Dumanian AV: Late embolic phenomena associated with cloth-covered Starr-Edwards aortic valve prosthesis. *Am. J. Cardiol.* 1987; 60: 914-5.

2. Dumanian GA, Donahoe PK: Bilateral rotated buttock flaps for vaginal atresia in severely masculinized females with adrenogenital syndrome. *Plast. Reconstr. Surg.* 1992; 90: 487-91.
3. Dumanian GA, Dascombe B, Hong C, Connolly K, Garrett KO, Sawhney AS, Pathak CP, Hubbell JA, Johnson PC: A new photopolymerizable blood vessel glue that seals human vessel anastomoses without augmenting thrombogenicity. *Plast. Reconstr. Surg.* 1995; 95: 901-7.
4. Dumanian GA, Bontempo F, Johnson PC: Evaluation and management of the plastic surgical patient with a potential to bleed. *Plast. Reconstr. Surg.* 1995; 96: 211-8.
5. Dumanian GA, Heil BV, Khouri RK, Hong C, Connolly K, Wun T-C, Johnson PC: Tissue factor activity at the human microvascular anastomosis and its inhibition with tissue factor pathway inhibitor. *J. Surg. Res.* 1996;60:263-9.
6. Dumanian GA, Futrell JW: Radical excision and delayed reconstruction of a lymphedematous leg with a 15 year follow-up. *Lymphology* 1996;29:20-4.
7. Dumanian GA, Llull R, Edington HE: The fascial release as an adjunct to wound closure. *Brit J Plast Surg* 1996;49:64-6.
8. Restifo RJ, Dumanian GA, Garrett KO, Hong C, Johnson PC: Prostacyclin production at the human microvascular anastomosis: Its effect on initial platelet deposition. *Plast. Reconstr. Surg.* 1996;97:784-91.
9. Dumanian GA, Futrell JW: The Charles Procedure: Misquoted and misunderstood since 1950. *Plast. Reconstr. Surg.* 1996;98:1258-63.
10. Dumanian GA, Llull R, Lotze MT, Ramasastry SS, Greco R, Edington H: Abdominal wall dehiscence with enterocutaneous fistulae: Temporizing wound management with split thickness skin grafts. *Am J Surg* 1996;172:332-4.
11. Kozlowski JM, Dumanian GA, Fine NA, Cohn EB: Utility of the "Mutton-Chop" flap for reconstruction of large defects involving the lower abdominal wall and groin. *Contemp Urol* 1997; 9:85-96.
12. Dascombe WH, Dumanian G, Hong C, Heil B, Connelly K, Hessel B, Blomback B, Johnson PC. Application of thrombin based fibrin glue and non-thrombin based batroxobin glue on intact human blood vessels: evidence for transmural thrombin activity. *Thromb Hemostas* 1997;78:947-51.
13. Marcus JR, Hussong JW, Gonzalez C, Dumanian GA: Risk factors in necrotizing fasciitis: A case involving cryptococcus neoformans. *Ann Plast Surg* 1998;40:80-3.
14. Dumanian GA, Segalman K, Hendrickson M, Mispireta LA, Walsh JA, and Wilgis, EFS: Radial Artery Use in Bypass Surgery Does Not Change Digital Blood Flow or Hand Function. *Ann Thorac Surg* 1998;65:1284-1287.
15. Dumanian GA, Segalman K, Buehner JW, Koontz CL, Hendrickson M, and Wilgis, EFS: The radial artery is more important than the ulnar artery for the hands of cardiac surgery patients. *Plast. Reconstr. Surg.* 1998; 102:1993-1998.
16. Dumanian GA, McClinton, MA, Brushart, TM: The effects of free fat grafts on the stiffness of the rat sciatic nerve and perineural scar. *J Hand Surg* 1999;24:30-34

17. Marcus JR, Palella FJ, Yeldandi AV, Dumanian GA: Extent of surgical intervention in primary soft tissue aspergillosis. *Ann Plast Surg* 1999;42:683-687.
18. McCarthy WJ, Matsumura JS, Fine NA, Dumanian GA, Pearce WH: Combined arterial reconstruction and free tissue transfer for limb salvage. *J Vasc Surg* 1999;29:814-20.
19. Few JW, Marcus JR, Lee MJ, Ondra S, Dumanian GA: Treatment of hostile midline back wounds—an extreme approach. *Plast. Reconstr. Surg.* 2000; 105: 2448-2451.
20. Dumanian GA, Chen A: Microvascular surgery in a bloodless field. *Microsurgery* 20: 221-224, 2000.
21. Sukkar SM, Dumanian GA, Szczerba SM, Tellez MG: Challenging abdominal wall defects. *Am J Surg* 2001; 181: 115-121.
22. Sukkar SM, Daw JA, Chandler J, Dumanian GA: Gracilis muscle free flap transfer using a radial artery/vena comitantes composite vascular pedicle. *Plast. Reconstr. Surg.* 2001; 108: 156-161.
23. Few JW, Corral CJ, Fine NA, Dumanian GA: Monitoring buried head and neck free flaps with high resolution color duplex ultrasound. *Plast. Reconstr. Surg.* 2001; 108: 709-712.
24. Saulis AS, Dumanian GA: Periumbilical rectus abdominus perforator preservation significantly reduces superficial wound complications in 'Separation of Parts' hernia repairs. *Plast. Reconstr. Surg.* 2002; 109: 2275-2280.
25. Sukkar SM, Saulis AS, Dumanian GA: Radial forearm skin with flexor carpi radialis muscle: A useful composite free flap. *Ann Plast Surg* 2002; 49: 486-489.
26. Saulis AS, Sukkar SM, Dumanian GA: The reverse radial artery based flexor carpi radialis muscle flap for dorsal hand reconstruction: A clinical and cadaver study. *J Hand Surg* 2002; 27A: 1081-1086.
27. Dumanian GA, Earvin W: Comparison of techniques of major hernia repair. *Am J Surg.* 2003; 185: 61-65.
28. Szczerba SR, Sukkar SM, Dumanian GA: Definitive surgical treatment of infected or exposed mesh. *Ann Surg* 2003; 237: 437-441.
29. Hasen KV, Gallegos ML, Tepper RE, Dumanian GA: An extended approach for the vascular pedicle of the gracilis muscle flap: An anatomic and clinical study. *Plast. Reconstr. Surg.* 2003; 111: 2203-2208.
30. Dumanian GA, Heckler FR, Bernard SL: The external oblique turnover muscle flap. *Plast. Reconstr. Surg.* 2003; 111: 2344-2348.
31. Dumanian GA, Ondra SL, Liu J, Schafer M, Chao JD: Muscle flap salvage of spine wounds with soft tissue defects or infection. *Spine* 2003; 28: 1203-1211.
32. Reid RR, Dumanian GA: A minimalist approach to the care of the indwelling closed suction drain: A prospective analysis of local wound complications. *Ann Plast Surg* 2003; 51: 575-578.
33. Williams DH, Hua VN, Chowdhry AA, Laskin WB, Kalapurakal JA, Dumanian GA, Dalton DP: Synovial sarcoma of the prostate. *J Urol* 2004; 171: 2376.

34. Morasch MD, Sam AD, Kibbe MR, Reid RR, Hijjawi J, Dumanian GA: Gracilis muscle flap coverage of groin wounds following vascular surgery. *J Vasc Surg.* 2004; 39: 1277-1283. Abstracted for the Yearbook of Vascular Surgery 2006.
35. Reid RR, Dutra J, Conley DB, Ondra SL, Dumanian GA: Cervical esophageal fistula complicating anterior spinal fusion: Improved repairs with free tissue transfer. *J Neurosurg.* 2004; 100: 66-70.
36. Lee MJ, Dumanian GA: The oblique rectus abdominis musculocutaneous flap. Revisited clinical applications. *Plast. Reconstr. Surg.* 2004;114:367-373.
37. Reid RR, Zimmerman N, Dumanian GA: Surgical treatment of major vascular malformations localized to the flexor digitorum superficialis muscle: Report of 3 cases. *J Hand Surg. (Br)* 2004; 29: 470-472.
38. Kuiken TA, Dumanian GA, Lipschutz RD, Miller LA, Stubblefield KA: The use of targeted muscle reinnervation for improved myoelectric prosthesis control in a bilateral shoulder disarticulation amputee. *Prosthet Orthot Int.* 2004; 28(3): 245-253. Awarded the Forchheimer Prize Paper from the International Society of Prosthetics and Orthotics, August 2007.
39. Shuhaiber JH, Shuhaiber HH, Dumanian GA: The role of palmaris muscle tendon in mitral valve annulus reconstruction: a novel technique for mitral valve repair. *Heart Surg Forum,* 2004; 7: E519-22.
40. Lin S, Dutra J, Keni J, Dumanian GA, Fine N, Pelzer, H: Preoperative radiation therapy and its effects on outcomes in microsurgical head and neck reconstruction. *Otol Head Neck Surg.* 2005; 132: 845-848.
41. Lee MJ, Mindea S, Ondra S, Fine NA, Dumanian GA. Indications and rationale for use of vascularized fibula bone flaps in cervical spine arthodeses. *Plast. Reconstr. Surg.* 2005; 116: 1-7.
42. Reid RR, Dumanian GA: Panniculectomy and the separation of parts hernia repair: A solution for the large infraumbilical hernia in the obese patient. *Plast. Reconstr. Surg.* 2005; 116: 1006-1012.
43. Erickson, RA, Dumanian GA, Sisco M, Jang TX, Halverson A, Gonzalez CM. Rectourethral fistula associated with anterior and posterior urethral strictures: simultaneous repair with a buccal mucosa graft and a radial fasciocutaneous free flap. *Urology.* 2006; 67: 195-198.
44. Lipschutz RD, Kuiken TA, Miller LA, Dumanian GA, Stubblefield KA. Shoulder disarticulation externally powered prosthetic fitting following targeted muscle reinnervation for improved myoelectric control. *J Prosthet Orthot.* 2006; 18: 28-34.
45. Hijjawi J, Kuiken TA, Lipschutz RD, Miller LA, Stubblefield KA, Dumanian GA. An improved brain-machine interface accomplished using multiple nerve transfers. *Plast. Reconstr. Surg.* 2006; 118: 1573-1578.
46. Sisco M, Dumanian GA. Anterior interosseous nerve syndrome following shoulder arthroscopy: A report of three cases. *J. Bone Joint Surg.* 2007; 89: 392-5.

47. Kuiken TA, Miller LA, Lipschutz RD, Lock BA, Stubblefield K, Marasco PD, Zhou P, Dumanian GA. Targeted reinnervation for enhanced prosthetic arm function in woman with a proximal amputation: a case study. *Lancet* 2007; 369: 371-80.
48. Abbott DE, Dumanian GA, Halverson AL. Management of laparotomy wound dehiscence. *Am. J. Surg.* 2007; 73: 1224-1227.
49. O'Shaughnessy BA, Dumanian GA, Liu JC, Ganju A, Salehi SA, Ondra SL. Pedicled omental flaps as an adjunct in complex spine surgery. *Spine* 2007; 32: 3074-3080.
50. Kryger ZB, Dumanian GA, Howard MA. Safety issues in combined gynecologic and plastic surgical procedures. *Int. J. Gynecol. Obstet.* 2007; 99: 257-263.
51. Kryger ZB, Rawlani V, Dumanian GA. Treatment of chronic digital ischemia with direct microsurgical revascularization. *J. Hand Surg* 2007; 32: 1466-1470.
52. O'Shaughnessy KD, Dumanian GA, Lipschutz R, Miller L, Stubblefield K, Kuiken TA. Targeted reinnervation: A surgical technique to improve prosthesis control in transhumeral amputees. *J. Bone Joint Surg* 2008; 90: 393-400.
53. Abbott DE, Halverson AL, Wayne JD, Kim JY, Talamonti MS, Dumanian GA. The oblique rectus abdominis myocutaneous flap for complex pelvic wound reconstruction. *Dis. Colon Rectum.* 2008, 51: 1237-41.
54. Agnew S, Dumanian GA. A simple test: Please draw the incision. It is not as easy as we may think. *J. Hand Surg.* 2008, 33A: 1894-1898.
55. Park J, Dumanian GA. Digital necrosis following a steroid injection for trigger finger: A case report. *J. Hand Surg.* 2009, 34A: 313-316.
56. Hadad I, Small W, Dumanian GA. Repair of massive ventral hernias with the separation of parts technique: Reversal of the "lost domain". *Am. Surg.* 2009, 75: 301-306.
57. Schierle CF, Rawlani V, Galiano RD, Kim YS, Dumanian GA. Improving outcomes of the distally based hemisoleus flap: Principles of angiosomes in flap design. *Plast. Reconstr. Surg.* 2009, 123: 1748-1754.
58. Ko JH, Salvay DM, Paul BC, Wang EC, Dumanian GA. Soft polypropylene mesh, but not cadaveric dermis, significantly improves outcomes in midline hernia repairs using the components separation technique. *Plast. Reconstr. Surg.* 2009, 124: 836-847.
59. Dumanian GA, Ko JH, O'Shaughnessy, KD, Kim PS, Wilson CJ, Kuiken, TA. Targeted reinnervation for transhumeral amputees: Current surgical technique and update on results. *Plast. Reconstr. Surg.* 2009, 124: 863-869.
60. Ko JH, Salvay DM, Paul BC, Wang EC, Dumanian GA. "Components Separation" technique for the treatment of complex abdominal wall defects: An 11-year experience in 200 patients. *Arch. Surg.* 2009, 144: 1047-1055.
61. Buck DW, Steinberg JP, Fryer J, Dumanian GA. Operative management of massive hernias with associated distended bowel. *Am. Surg.* 200: 258-64, 2010.
62. Agnew SP, Small Jr. W, Smith LJ, Hadad I, Wang E, Dumanian GA. Prospective measurements of intra-abdominal volume and pulmonary function after repair of massive ventral hernias with the components separation technique. *Ann. Surg.* 2010; 251: 981-988.



63. Kim PS, Ko JH, O'Shaughnessy KO, Kuiken TA, Dumanian GA. Novel model for end-neuroma formation in the amputated rabbit forelimb. *J Brach Plex Periph Nerve Inj.* 5: 6-10, 2010.
64. Agnew SP, Dumanian GA. Technical use of synthetic conduits for nerve repair. *J. Hand Surg.* 35A: 838-841, 2010.
65. O'Shaughnessy KD, Rawlani V, Hijjawi JB, Dumanian GA. Oblique pedicled PUP (paraumbilical perforator) based flap for reconstruction of complex forearm defects. *J. Hand Surg.* 35A: 1105-1110, 2010.
66. Ko JH, Kim PS, O'Shaughnessy KO, Kuiken TA, Dumanian GA. A quantitative evaluation of gross versus histologic neuroma formation in a rabbit forelimb amputation model: Potential implications for the operative treatment and the study of neuromas. *J Brach Plex Periph Nerve Inj.* 6: 8, 2011.
67. Seth AK, Hirsch EM, Fine NA, Dumanian GA, Mustoe TA, Galiano RD, Hansen NM, Kim JY. Additive risk of tumescent technique in patients undergoing mastectomy with immediate reconstruction. *Ann Surg Oncol* 18: 3041-3046, 2011.
68. Agnew SP, Ko JH, De la Garza M, Kuiken TA, Dumanian GA. Limb transplantation and targeted reinnervation: A practical comparison. *Journal of Reconstructive Microsurgery*, 28: 63-68, 2011.
69. Agnew SP, Schultz AE, Dumanian GA, Kuiken TA. Targeted reinnervation in the transfemoral amputee: A preliminary study of surgical technique. *Plast Reconstr Surg.* 129: 187-194, 2012.
70. Souza JM, Nystrom AN, Dumanian GA. Patient-guided peripheral nerve exploration for the management of chronic localized pain. *Plast Reconstr Surg.* 129: 221-225, 2012.
71. Hirsch EM, Seth AK, Dumanian GA, Kim JY, Mustoe TA, Galiano RD, Fine NA. Outcomes of tissue expander/implant breast reconstruction in the setting of prereconstruction radiation. *Plast. Reconstr. Surg.* 129: 354-61, 2012.
72. Buck D, Rawlani V, Wayne J, Dumanian GA, Mustoe TA, Fine NA, Galiano R, Kim JYS. Cosmetic outcomes following head and neck melanoma reconstruction: The patient's perspective. *Can J Plast Surg* 20: e10-e15, 2012.
73. Buck DW, Dumanian GA. Bone biology and physiology. Part I: The fundamentals. *Plast. Reconstr. Surg.* 129: 1314-20, 2012.
74. Buck DW, Dumanian GA. Bone biology and physiology. Part II: Clinical Correlates. *Plast. Reconstr. Surg.* 129: 950e-6e, 2012.
75. Souza JM, Dumanian GA. An evidence-based approach to abdominal wall reconstruction. *Plast. Reconstr. Surg.* 130: 116-24, 2012.
76. Buck DW, Kim JYS, Alam M, Rawlani V, Johnson S, Connor CM, Dumanian GA, Wayne JD. Multidisciplinary approach to the management of dermatofibrosarcoma protuberans. Accepted for publication to *J. Am. Acad. Derm.*

77. Kim PS, Ko JH, O'Shaughnessy KK, Kuiken TA, Pohlmeier EA, Dumanian GA. Targeted muscle reinnervation of a pedicled rabbit rectus abdominis flap: The demonstration of a cure for the common mixed nerve neuroma? *J Hand Surg.* 37A: 1609-1616, 2012.
78. Jensen SE, Butt Z, Bill A, Heinemann A, Cella D, Dumanian GA. Quality of life considerations in upper limb transplantation: Review and future directions. *J. Hand Surg.* 37: 2126-35, 2012.
79. Seth AK, Hirsch EM, Kim JY, Dumanian GA, Mustoe TA, Galiano RD, Fine NA. Hematoma after mastectomy with immediate reconstruction: An Analysis of risk factors in 883 patients. *Ann. Plast. Surg.* 71: 20-3, 2013.
80. Jordan SW, Dumanian GA. The pedicled lateral arm flap for oncologic reconstruction around the shoulder. *Ann. Plast. Surg.* 2013
81. Jordan SW, Mioton LM, Smetona J, Aggarwal A, Wang E, Dumanian GA, Kim JYS. Resident involvement and plastic surgery outcomes: an analysis of 10,356 patients from the American College of Surgeons National Surgical Quality Improvement Program database. *Plast Reconstr Surg.* 131: 763-73, 2013.
82. Souza JM, Dumanian GA. Routine use of bioprosthetic mesh is not necessary: A retrospective review of 100 consecutive cases of intraabdominal mid-weight polypropylene for ventral hernia repair. *Surgery* 153: 393-9, 2013.
83. Kapadia SM, Gust MJ, Alghoul MS, Dumanian GA. Suspension of leg via a single tibial pin provides postoperative elevation and pressure off-loading for lower extremity free flaps. *Plast Reconstr Surg Glob Open* 7: e3-e4, 2013
84. Purnell C, Souza JM, Park E, Dumanian GA. Repair of recurrent hernia after biologic mesh failure in abdominal wall reconstruction. *Am J Surg* 208: 788-793, 2014.
85. Cheesborough JE, Souza JM, Dumanian GA, Bueno RA. Targeted muscle reinnervation during initial trauma hospitalization to prevent neuroma pain in shoulder disarticulation patient. *Hand.* 9: 253-257, 2014.
86. Souza JM, Cheesborough JE, Ko JH, Cho MS, Kuiken TA, Dumanian GA. Targeted muscle reinnervation. A novel approach to postamputation neuroma pain. *CORR* 472: 2984-2990, 2014.
87. Hirsch EM, Seth AK, Dumanian GA, Kim JY, Mustoe TA, Galiano RD, Fine NA. Outcomes of immediate tissue expander breast reconstruction followed by reconstruction of choice in the setting of postmastectomy radiation therapy. *Ann. Plast. Surg.* 72: 27408, 2014.
88. Mioton LM, Buck DW, Rambachan A, Ver Halen J, Dumanian GA, Kim JY. Predictors of readmission after outpatient plastic surgery. *Plast Reconstr Surg.* 133: 173-80, 2014.
89. Cheesborough JE, Park E, Souza JM, Dumanian GA. Staged management of the open abdomen and enteroatmospheric fistulae using split thickness skin grafts. *Am. J. Surg.* 207: 504-11, 2014.
90. Lovecchio F, Farmer R, Souza J, Khavanin N, Dumanian GA, Kim JY. Risk factors for 30-day readmission in patients undergoing ventral hernia repair. *Surgery.* 155: 702-10, 2014.

91. Jensen SE, Butt Z, Heinemann AW, Magasi S, Cella D, Kuiken T, Dumanian GA. Perceptions of upper limb transplantation risks and benefits: The amputee perspective. *Plast. Reconstr. Surg.* 134: 979-87, 2014.
92. Souza JM, Fey NP, Cheesborough JE, Agnew SP, Hargrove LJ, Dumanian GA. Advances in transfemoral amputee rehabilitation: Early experience with targeted muscle reinnervation. *Curr Surg Rep* 2: 51, 2014.
93. Souza JM, Dumanian Z, Gurjala D, Dumanian GA. In vivo evaluation of a novel mesh suture design for abdominal wall closure. *Plast. Reconstr. Surg.* 135: 322e-330e. 2015.
94. Cheesborough JE, Dumanian GA. Simultaneous prosthetic mesh abdominal wall reconstruction with abdominoplasty for ventral hernia and severe rectus diastasis repairs. *Plast. Reconstr. Surg.* 135; 268-76, 2015.
95. Cheesborough JE, Smith LH, Kuiken TA, Dumanian GA. Targeted muscle reinnervation and advanced prosthetic arms. *Semin Plast Surg* 29: 62-72, 2015.
96. Grant TH, Omar IM, Dumanian GA, Pomeranz CB, Lewis VA. Sonographic evaluation of common peroneal neuropathy in patients with foot drop. *J Ultrasound Med* 34: 705-11, 2015.
97. Purnell CA, Souza JM, Park E, Dumanian GA. Repair of recurrent hernia after biologic mesh failure in abdominal wall reconstruction. *Am. J. Surg.* 208; 788-93, 2014.
98. Qureshi HA, Rawlani R, Mioton LM, Dumanian GA, Kim JYS, Rawlani, V. Burnout phenomenon in US plastic surgeons: Risk factors and impact on quality of life. *Plast Reconstr Surg.* 2014 Oct 29 epub
99. Garza JR, Santa Maria D, Palomera T, Dumanian GA, Dos-Anjos S. Use of autologous adipose-derived stromal vascular fraction to treat osteoarthritis of the knee: A feasibility and safety study. *J Regen Med.* 4: 1, 2015.
100. Dumanian GA, Dumanian Z, Tulaimat A. A novel mesh suture structure strengthens early laparotomy closures. *Hernia* 19: S184, 2015.
101. Souza JM, Fey NP, Cheesborough JE, Agnew S, Hargrove LJ, Dumanian GA. Advances in transfemoral amputee rehabilitation: Early experience with targeted muscle reinnervation. *Curr Surg Rep* 2: 51, 2014.
102. Dumanian GA, Tulaimat A, Dumanian ZP. Experimental study of the characteristics of a novel mesh suture. *Br J Surg.* 102: 1285-92, 2015.
103. Garza JR, Santa Maria D, Palomera T, Dumanian GA, Dos-Anjos S. Use of autologous adipose-derived stromal vascular fraction to treat osteoarthritis of the knee. A safety and efficacy study. *J Regen Med* 4: Issue 1. doi:10.4172/2325-9620.1000119
104. Hanwright PJ, Purnell CA, Dumanian GA. Free omental transfer offers a superior reconstructive option for esophageal perforations complicating anterior cervical spinal fusion: an 18-year experience. *Plast Reconstr Surg Go.* 2015 Jun 5; 3(5):e400
105. Gart MS, Souza JM, Dumanian GA. Targeted reinnervation of the upper extremity amputee: A technical roadmap. *J Hand Surg* 40: 1877-88, 2015. PMID 26314220
106. Cheesborough JE, Smith LH, Kuiken TA, Dumanian GA. Targeted muscle reinnervation and advanced prosthetic arms. *Semin Plast Surg* 29: 62-72, 2015.

107. Ho B, Switaj PS, Ochengele G, Dumanian G, Kadakia AR. Tarsal tunnel syndrome. *Friday Academicals of the Indian Foot and Ankle Society*. 1: 266-283, 2015.
108. Cheesborough JE, Dumanian GA. Prospective repair of Ventral Hernia Working Group Type 3 and 4 abdominal wall defects with condensed polytetrafluoroethylene (cPTFE, MotifMesh) mesh. *Am J Surg* 211: 1-10, 2016.
109. El Tecle NE, Zammar SG, Hamade YJ, El Ahmadieh TY, Aoun RJ, Nanney AD, Batjer HH, Dumanian GA, Bendok BR. Use of a harvested radial artery graft with preservation of the vena comitantes to reduce spasm risk and improve graft patency for extracranial to intracranial bypass. Technical note. *Clin Neurol Neurosurg* 142: 65-71, 2016. PMID 26811865
110. Purnell CA, Park E, Turin SY, Dumanian GA. Postoperative flank defects, hernias, and bulges: a reliable method of repair. *Plast Reconstr Surg*. 137: 994-1001, 2016. PMID 26910684
111. Dumanian G. A novel mesh suture for laparotomy closure and hernia defect closure. *Hernia* 20 (Supple 1): S27-S31, 2016.
112. Purnell C, Park E, Turin S, Dumanian G. Postoperative flank defects, hernias, and bulges: a reliable method for repair. *Hernia* 20 (Suppl 1): S32-S36, 2016.
113. Fligor J, Lanier S, Dumanian G. Three risk stratification systems are non-predictive of surgical site infections and occurrences in midline ventral hernias. *Hernia* 20 (Suppl 1) S53-S57, 2016.
114. Lanier ST, Fligor JE, Miller KR, Dumanian GA. Reliable complex abdominal wall hernia repairs with a narrow well-fixed retrorectus polypropylene mesh: A review of over 100 consecutive cases. *Surgery* 160: 1508-1516, 2016. PMID 27545993.
115. Souza JM, Purnell CA, Cheesborough JE, Kelikian AS, Dumanian GA. Successful treatment of foot and ankle neuroma pain with processed nerve allografts. *Foot and Ankle Int*. 37(10) 1098-1105, 2016. PMID 27340257
116. Park E, Cheesborough JE, Souza JM, Dumanian GA. Open repair of incisional ventral abdominal hernias with mesh leads to long-term improvement in pain interference as measured by patient reported outcomes. *Am J Surg*. 2017 213(1)58-63. PMID: 27475223
117. Lanier ST, Dumanian GA, Jordan SW, Miller KR, Ali NA, Stock SR. Mesh sutured repairs of abdominal wall defects. *PRS GO* 28: e1060, 2016. PMID 27757361.
118. Purnell CA, Lewis KC, Mioton LM, Hanwright PJ, Galiano RD, Dumanian GA, Alghoul MS. Donor-site morbidity of medial and lateral thigh-based flaps: A comparative study. *PRS GO* 2016 4(11):e1012. PMID 27975004.
119. Purnell CA, Klosowiak JL, Cheesborough JE, Park E, Bandy A, Dumanian GA. Resolution of cosmetic buttock injection-induced inflammatory reaction and heart failure after excision of filler material. *PRS GO* 4 (10): e10796, 2016. PMID 27826475.
120. Fligor J, Lanier S, Dumanian GA. Three risk stratification systems are non-predictive of surgical site infections and occurrences in midline ventral hernias. *PRS GO* 9: e1206, 2017.
121. Kuiken TA, Barlow AW, Hargrove L, Dumanian GA. Targeted muscle reinnervation for the upper and lower extremity. *Techniques in Orthopedics* 32: 109-116, 2017.

122. Jordan SW, Fligor JE, Janes LE, Dumanian GA. Implant porosity and the foreign body response. *Plast Reconstr Surg.* 2018, 141: 103-112e. PMID 28938360.
123. Dumanian GA, Lanier ST, Souza JM, Young MW, Boller AM, Mueller KH, Halverson AL, McGee MF, Stulberg JJ. Mesh sutured repairs of contaminated incisional hernias. *Am J Surg.* 216: 267-273, 2018. PMID 29108644.
124. Turin SY, Walton RL, Dumanian GA, Hijjawi JB, LoGiudice JA, Alghoul M. Current practices in the management of postoperative arterial vasospasm in microsurgery. *J Reconstr Microsurg.* 2018 May;34(4):242-249 PMID: 29284164
125. Purnell CA, Turin SY, Dumanian GA. Umbilicus reconstruction with bilateral square "pumpkin-teeth" advancement flaps. *Plast Reconstr Surg* 2018; 141: 186-189. PMID: 29280880
126. Harris HW, Hope WH, Adrales G, Andersen DK, Deerenberg EB, Diener H, Dumanian G, East B, Fischer JP, Urena MAG, Gibeily GJ, Hansson BM, Hernandez-Granados P, Hiles MC, Jeekel J, Levinson H, Lopez-Cano M, Muysoms F, Pereira JA, Prudhomme M, Ramaswamy A, Stabilini C, Torkington J, Valverde S, Young DM. Contemporary concepts in hernia prevention: Selected proceedings from the 2017 International symposium on prevention of incisional hernias. *Surgery* 2018; 164: 319-326.
127. Bi A, Park E, Dumanian GA. Treatment of painful nerves in the abdominal wall using processed nerve allografts. *Plast Reconstr Surg GO.* 2018 Mar 6;6(3):e1670. doi: 10.1097/GOX.0000000000001670. eCollection 2018 Mar. PMID 29707445
128. Kuiken TA, Fey NP, Reissman T, Finucane SB, Dumanian GA. [Innovative Use of Thighplasty to Improve Prosthesis Fit and Function in a Transfemoral Amputee.](#) *Plast Reconstr Surg Glob Open.* 2018 Jan 12;6(1):e1632. 2018 PMID 29464163
129. Fracol ME, Janes LE, Ko JH, Dumanian GA. Targeted muscle reinnervation in the lower leg: An Anatomic Study. *Plast Reconstr Surg.* 2018 Jul 10. doi: 10.1097/PRS.0000000000004773. PMID 30020229
130. Mioton L, Dumanian GA. Theoretic and evidence-based laparotomy closure with sutures and meshes. *Plast Reconstr Surg.* 2018 Sep;142 Current Concepts in Abdominal Wall Reconstruction:117S-124S. doi:10.1097/PRS.0000000000004868. PMID:30138279
131. Mioton LM, Dumanian GA. Targeted muscle reinnervation and prosthetic rehabilitation after limb loss. *J Surg Oncol.* 2018 Oct;118(5):807-814. doi: 10.1002/jso.25256. Epub 2018 Sep 27. Review
132. Dumanian GA, Potter BK, Mioton LM, Ko JH, Cheesborough JE, Souza JM, Ertl WJ, Tintle SM, Nanos GP, Valerio IL, Kuiken TA, Apkarian AV, Porter K, Jordan SW. Targeted muscle reinnervation treats neuroma and phantom pain in major limb amputees. A randomized clinical trial. *Ann Surg.* 270: 217-226, 2019. PID 30371518
133. Valerio IL, Dumanian GA, Jordan SW, Mioton LM, Bowen JM, West JM, Porter K, Ko JH, Souza JM, Potter BK. Preemptive treatment of phantom and residual limb pain with targeted muscle reinnervation at the time of major limb amputation. *J Am Coll Surg.* 228: 217-26, 2019. PMID 30634038.
134. Mioton L, Ko JH, De la Garza M, Dumanian GA. Histologic analysis of sensory and motor axons in branches of the human brachial plexus. *Plast Reconstr Surg.* 144: 1359, 2019.

135. Janes L, Fracol ME, Dumanian GA. Appreciation of post-partum changes of the rectus muscles in primary and re-do abdominoplasty. *Plast Reconstr Surg*. 2019 Aug;144(2):197e-204e. doi: 10.1097/PRS.0000000000005862. PMID 31348338.
136. Mioton LM, Dumanian GA, Shah N, et al. Targeted Muscle Reinnervation Improves Residual Limb Pain, Phantom Limb Pain, and Limb Function: A Prospective Study of 33 Major Limb Amputees. *Clin Orthop Relat Res*. 2020, 478: 2161-2167.
137. Janes L, Fracol ME, Ko JH, Dumanian GA. Treatment of unreconstructable saphenous nerve injuries with TMR. *Plast Reconstr Surg Glob Open*. 2020 Jan 17;8(1):e2383. doi: 10.1097/GOX.0000000000002383. eCollection 2020 Jan. PMID 32095383
138. Talbot SG, Carty MJ, Jensen SE, Dumanian GA. Adjustment to amputation and interest in upper limb transplantation. *SAGE Open Med*. 2019 Jun 12;7:2050312119858248. PMID 31217973.
139. Alexander JH, Jordan SW, West JM, Compston A, Fugitt J, Bowen JB, Dumanian GA, Pollock R, Mayerson JL, Scharschmidt TJ, Valerio IL. Targeted muscle reinnervation in oncologic amputees: Early experience of a novel institutional protocol. *J Surg Oncol*. 2019 Jun 13. doi: 10.1002/jso.25586. PMID 31197851.
140. Fracol ME, Dumanian GA, Janes LE, Bai J, Ko JH. Management of sural nerve neuromas with targeted muscle reinnervation. *Plast Reconstr Surg Glob Open*. 2020 Jan 17;8(1):e2545. doi: 10.1097/GOX.0000000000002545. eCollection 2020 Jan. PMID 32095388
141. Lanier ST, Jordan SW, Ko JH, Dumanian GA. Targeted muscle reinnervation (TMR): A solution for nerve pain. *Plast Reconstr Surg*. 146: 651e-663e, 2020. DOI: 10.1097/PRS.0000000000007235
142. Jordan SW, Janes LE, Sood R, Jakus AE, Soriano C, Stock SR, Dumanian GA. A direct method for measuring surface area of polymer mesh using synchrotron x-radiation microComputed tomography: a pilot study. 2019 *Biomed. Phys. Eng. Express* 5 067001
143. Dumanian GA, Janes LE, Dumanian ZP. Northwestern and other historical vignettes regarding the vascular anastomotic coupling device. *Plast Reconstr Surg Glob Open*. 2019 May 16;7(5):e2194. doi: 10.1097/GOX.0000000000002194. eCollection 2019 May. PMID 3133393
144. Vaca EE, Surek C, Klosowiak J, Dumanian GA, Alghoul MS. Neurotized free platysma flap for functional eyelid reconstruction: a cadaveric study of anatomic feasibility. *Plast Reconstr Surg* 145: 1049-1057, 2020.
145. Chappell AG, Jordan SW, Dumanian GA. Targeted muscle reinnervation for treatment of neuropathic pain. *Clin Plast Surg* 2020 Apr;47(2):285-293. doi: 10.1016/j.cps.2020.01.002. Epub 2020 Feb 5. Review. PMID: 32115054
146. Sood R, Stoehr JR, Janes LE, Ko JH, Dumanian GA, Jordan SW. Cell phone application to monitor pain and quality of life in neurogenic pain patients. 2020 Apr 20. doi: 10.1097/SLA.0000000000003895. Online ahead of print. PMID: 32324689
147. Mioton L, Dumanian GA, Fracol M, Apkarian V, Valerio I, Souza J, Potter BK, Tintle S, Nanos G, Ertl W, Ko J, Jordan SW. Benchmarking Residual Limb Pain and Phantom Limb Pain in the General Amputee Population: A Cross-Sectional Patient Reported Outcomes Survey Establishes Baseline Pain Scores and Identifies Risk Factors for Increased Pain Scores. *Plast*

Reconstr Surg GO. 2020 Jul 15;8(7):e2977. doi: 10.1097/GOX.0000000000002977. eCollection 2020 July

148. Dumanian GA and Moradian S. Sutures and meshes. *Adv Surg.* 2020 Sep;54:215-229. doi: 10.1016/j.yasu.2020.05.007. Epub 2020 Jun 17. PMID: 32713432

149. Herr HM, Clites TR, Srinivasan S, Talbot SG, Dumanian GA, Cederna PS, Carty MJ. Reinventing Extremity Amputation in the Era of Functional Limb Restoration. *Ann Surg.* 2021 Feb 1;273(2):269-279. doi: 10.1097/SLA.0000000000003895. PMID: 32324689.

150. Stoehr JR, Sood R, Jordan SW, Dumanian GA. Targeted muscle reinnervation at the time of amputation in the management of complex regional pain syndrome of the lower extremity. *Microsurgery* 2020 Sep 23. doi: 10.1002/micr.30653. Online ahead of print

151. Janes LE, Fracol ME, Dumanian GA, Ko, JH. Targeted muscle treatment for the treatment of neuromas. Submitted for publication.

152. Dumanian GA and Klosowiak J. Treatment of injured nerves. Submitted for publication.

153. Kearney AM, Dumanian GA. Simplified repair of traumatic iliac crest flank hernias with mesh strips. *Plast Reconstr Surg Glob Open* 2020 Jul 15;8(7):e2977. doi: 10.1097/GOX.0000000000002977. eCollection 2020 Jul.

154. Kurumety S, Walker A, Samet J, Grant T, Dumanian GA, Deshmukh S. Ultrasound-Guided Lateral Abdominal Wall Botulinum Toxin Injection Before Ventral Hernia Repair: A Review for Radiologists. *J Ultrasound Med.* 2020 Dec 15. doi: 10.1002/jum.15591. Epub ahead of print. PMID: 33320354.

155. O'Brien AL, Jordan SW, West JM, Mioton LM, Dumanian GA, Valerio IL. Targeted Muscle Reinnervation at the Time of Upper-Extremity Amputation for the Treatment of Pain Severity and Symptoms. *J Hand Surg Am.* 2020 Oct 22:S0363-5023(20)30482-2. doi: 10.1016/j.jhsa.2020.08.014. Epub ahead of print. PMID: 33268236.

156. Sood R, Muhammad LN, Sasson DC, Shah N, Yeh C, Nahas FX, Dumanian GA. Development and Initial Validation of a Novel Professional Aesthetic Scale for the Female Abdomen". Accepted for publication to *Plast Reconstr Surg*.

157. Chappell AG, Yang CS, Dumanian GA. Surgical treatment of abdominal wall neuromas. *Plast Reconstr Surg Glob Open.* 2021 May 24;9(5):e3585. doi: 10.1097/GOX.0000000000003585. eCollection 2021 May.

158. Stoehr JR, Kearney AM, Massie JP, Ko JH, Dumanian GA. Botulinum Toxin in the Treatment of Vasopressor-associated Symmetric Peripheral Gangrene. *Plast Reconstr Surg Glob Open.* 2021 May 21;9(5):e3582. doi: 10.1097/GOX.0000000000003582. PMID: 34036024; PMCID: PMC8140772.

159. Stoehr JR, Chappell AG, Dumanian GA. Kiteboarding Induced Abdominal Wall Pain: Intercostal Neuroma versus Anterior Cutaneous Nerve Entrapment (ACNES). *Plast Reconstr Surg Glob Open.* 2021 Mar 15;9(3):e3487. doi: 10.1097/GOX.0000000000003487. PMID: 33747695; PMCID: PMC7963503.

160. Dumanian GA and Moradian S. Mesh abdominoplasty for rectus diastasis in women and men. *Hernia* 25: 863-870, 2021.

161. Sood R, Janes LE, Shah N, Sasson DC, Ellis MF, Dumanian GA. Mesh repair of rectus diastasis for abdominoplasty is safer than suture plication: A single-surgeon retrospective cohort series. *Plast Reconstr Surg Glob Open* 2021;9:e3721; doi: [10.1097/GOX.0000000000003721](https://doi.org/10.1097/GOX.0000000000003721); Published online 4 August 2021.
162. Fracol ME, Janes LE, Jordan SW, Dumanian GA, Ko JH. Targeted muscle reinnervation in amputees: A review of current techniques. *Tech Orthop* 2021; 36: 329-336.
163. Dumanian GA. Suturable Mesh Demonstrates Improved Outcomes over Standard Suture in a Porcine Laparotomy Closure Model. *Plast Reconstr Surg Glob Open*. 2021 Oct 15;9(10):e3879. doi: [10.1097/GOX.0000000000003879](https://doi.org/10.1097/GOX.0000000000003879). PMID: 34667699; PMCID: PMC8519206.
164. Ahuja A, Grant T, Dumanian G, Resnick SA. Development of Traumatic Neuromas in a Patient Following Endovenous Laser Ablation and Microphlebectomy Procedures: A Rare Complication From the Removal of Varicose Veins. *Cureus*. 2021 Jun 22;13(6):e15830. doi: [10.7759/cureus.15830](https://doi.org/10.7759/cureus.15830). PMID: 34327071; PMCID: PMC8301272.
165. Grove TN, Kontovounisios C, Montgomery A, Heniford BT, Windsor ACJ, Warren OJ; AWR Europe Collaborative. Perioperative optimization in complex abdominal wall hernias: Delphi consensus statement. *BJS Open*. 2021 Sep 6;5(5):zrab082. doi: [10.1093/bjsopen/zrab082](https://doi.org/10.1093/bjsopen/zrab082). PMID: 34568888; PMCID: PMC8473840.
166. Simon AM, Turner KL, Miller LA, Potter BK, Beachler MD, Dumanian GA, Hargrove LJ, Kuiken TA. User performance with a transradial mult-articulating hand prosthesis during pattern recognition and direct control home use. Submitted for publication.
167. Simon AM, Turner KL, Miller LA, Dumanian GA, Potter BK, Beachler MD, Hargrove LJ, Kuiken TA. Myoelectric prosthesis hand grasp control following targeted muscle reinnervation in individuals with transradial amputation. Submitted for publication.

***Invited Commentaries, Letters, Brief Communications, and Abstracts***

1. Dumanian, G. The effect of ketorolac on clotting (letter). *Plast. Reconstr. Surg.* 1997; 100: 552.
2. Dumanian GA: Discussion of “Cleland’s Ligaments: An Anatomic Study” by Chrysopoulou MT, McGrouther DA, Jeschke MG, and Kaufman BR. *Plast. Reconstr. Surg.* 2002; 109: 573-575.
3. Hasen KV, Dumanian GA, Mustoe, TA: The “pillow box” for foot elevation (letter). *Plast. Reconstr. Surg.* 2002; 109: 2162.
4. Dumanian GA. Comment on “Laparoscopic repair of peristomal hernias”. *Journal American College Surgeons* 2002; 195: 293.
5. Dumanian GA, Sukkar S. “Separation of parts” technique: is it the only alternative for autologous repair of challenging abdominal wall defects? *Am J Surg*; 2002; 183: 602.



6. Dumanian GA, Denham W. Repair techniques for major incisional hernias. *Am J Surg*; 2004; 187: 148.
7. Dumanian GA. Risks associated with “components separation” for closure of complex abdominal wall defects. *Plast. Reconstr. Surg.* 2004; 113: 461.
8. Dumanian GA. Discussion on “Effects of mild hypothermia on blood coagulation in patients undergoing elective plastic Surgery” by Cavallini M, Preis FW, Casati A. *Plast. Reconstr. Surg.* 2005; 116: 322-323.
9. Sisco M, Dumanian GA. A Simple Technique to Anchor Prosthetic Mesh to Bone". *Plast Reconstr Surg.* 2005; 116.
10. Dumanian GA. Discussion on “Use of omentum flap as additional soft tissue cover for gore-tex reconstructed abdominal wall defects” by Wong CH et al. *Plast. Reconstr. Surg.* 117: 2006; 312-313.
11. Dumanian GA. Discussion on “The extended approach to the vascular pedicle of the anterolateral thigh perforator flap” by Spyriounis et al. *Plast. Reconstr. Surg.* 117: 2006; 1002-1003.
12. Dumanian GA. Discussion on “Use of microvascular free fibula transfer as a salvage reconstruction for failed anterior spine surgery due to chronic osteomyelitis” by Erdmann et. al. *Plast. Reconstr. Surg.* 117: 2006; 2446-2447.
13. Dumanian GA. Discussion on “Monitoring buried free flaps: Limitations of the implantable Doppler and use of color duplex sonography as a confirmatory test” by Chevray et. al. *Plast. Reconstr. Surg.* 118: 2006; 114-115.
14. Sisco M, Dumanian GA: Discussion on “Salvaging limbs in cases of severe purpura fulminans: The advantage of free flaps.” *Plast. Reconstr. Surg.* 118: 2006; 686-687.
15. Kryker Z, Dumanian GA: Discussion on “Reconstruction of long bone defects after sarcoma resection with free fibula flaps.” *Plast. Reconstr. Surg.* 119: 2007; 925-926.
16. Sisco M, Dumanian GA: The Implantable Venous Doppler for Perforator Flap Monitoring: Report of a False-Negative Signal. *Plast. Reconstr. Surg.* 2008: 121: 223e-4e.
17. Dumanian GA: The emperor has no clothes. *Plast. Reconstr. Surg.* 123: 1137-1138, 200.
18. Dumanian GA. Discussion: Free tissue transfer for lower extremity reconstruction: A study on the role of computed angiography in the planning of free tissue transfer in the posttraumatic setting. *Plast. Reconstr. Surg.* 124: 530-531, 2009
19. Rawlani V, Lee MJ, Dumanian GA: Bilateral sciatic neuropraxia following combined abdominoplasty and mastopexy. *Plast. Reconstr. Surg.* 125: 31e-32e, 2010.

20. Buck DW, Heyer K, Dumanian GA. Free flap reconstruction for the knee and for mid-leg amputations. *Plast. Reconstr. Surg.* 126: 48e-50e, 2010.
21. Dumanian GA. Discussion: Immediate soft tissue reconstruction for complex defects of the spine following surgery for spinal neoplasms. *Plast. Reconstr. Surg.* 125: 1467-8, 2010.
22. Dumanian GA. Commentary on "Case report of multidisciplinary management of a unilateral transhumeral amputee" by Wang JP, Wa HW, Yin FL, Wai LS, Kit ES, et.al. *Int. J Ther Rehabil.* 17: 264-271, 2010.
23. Dumanian GA. Discussion: Adipose tissue-derived stem cells enhance bioprosthetic mesh repair of ventral hernias. *Plast. Reconstr. Surg.* 126: 855-857, 2010.
24. Dumanian GA. Book Review. Head and Neck Reconstruction: A Volume in the Procedures in Reconstructive Surgery by Butler, CE. *Plast. Reconstr. Surg.* 126: 1401-1402, 2010.
25. Dumanian GA. Discussion: Secondary refinements of free perforator flaps for lower extremity reconstruction. *Plast. Reconstr. Surg.* 127: 258-9, 2011.
25. Dumanian GA. Discussion: Minimally invasive component separation with inlay bioprosthetic mesh (MCSIB) for complex abdominal wall reconstruction. *Plast. Reconstr. Surg.* 128: 710-712, 2011.
26. Dumanian GA. Commentary, External Oblique Flap. In Zenn and Jones, Reconstructive Surgery: Anatomy, Technique, and Clinical Applications. Quality Medical Publishing, St. Louis 2012. P. 1211-1213.
27. Hirsch E and Dumanian GA. Discussion: Alloderm and Stratattice in Breast Reconstruction: A comparison and techniques for optimizing outcomes. *Plast. Reconstr. Surg.* 129: 1234-5, 2012.
28. Dumanian GA. Discussion: Adhesions and meshes: synthetic versus bioprosthetic. *Plast. Reconstr. Surg.* 130: 214-5S, 2012.
29. Dumanian GA. Discussion. Applications of acellular dermis in revision breast reconstruction surgery. *Plast. Reconstr. Surg.* 133: 11-13, 2014.
30. Dumanian GA, Cheesborough JE. Reply: Simultaneous prosthetic mesh abdominal wall reconstruction with abdominoplasty for ventral hernia and severe rectus diastasis repairs. *Plast Reconstr Surg* 137: 254e-255e, 2015. PMID 26397800

31. Dumanian GA. Operative Microsurgery, Book Review. *Plast Reconstr Surg*. 138(3):746-7, 2016.
32. Dumanian GA, Connor LM, reviewers. *Selected Readings in General Surgery*. 2017;43(1):e1. [http://web2.facs.org/SRGS\\_Connect/wysk/wysk0217.cfm](http://web2.facs.org/SRGS_Connect/wysk/wysk0217.cfm). Accessed February 23, 2017. Review of: Majumder A, Winder JS, Wen Y, Pauli EM, Belyansky I, Novitsky YW. Comparative analysis of biologic versus synthetic mesh outcomes in contaminated hernia repairs.
33. Dumanian GA, Connor LM, reviewers. *Selected Readings in General Surgery*. 2017;43(1):e1. [http://web2.facs.org/SRGS\\_Connect/wysk/wysk0217.cfm](http://web2.facs.org/SRGS_Connect/wysk/wysk0217.cfm). Accessed February 23, 2017. Review of: Majumder A, Winder JS, Wen Y, Pauli EM, Belyansky I, Novitsky YW. Comparative analysis of biologic versus synthetic mesh outcomes in contaminated hernia repairs.
34. Dumanian GA. Osteosynthesis of the Hand: Instruments, Implants, and Techniques. *PRS* 140: 644, 2017.
35. Dumanian GA, reviewer. *Selected Readings in General Surgery*. 2017;43(4):e1. [http://web2.facs.org/SRGS\\_Connect/wysk/wysk0917.cfm](http://web2.facs.org/SRGS_Connect/wysk/wysk0917.cfm). Accessed September 25, 2017. Review of: Garvey PB, Giordano SA, Baumann DP, Liu J, Butler CE. Long-Term Outcomes after Abdominal Wall Reconstruction with Acellular Dermal Matrix.
36. Dumanian GA. Discussion: Concomitant panniculectomy affects wound morbidity but not hernia recurrence rates in abdominal wall reconstruction: A propensity score analysis. *Plast Reconstr Surg*. 2017 Dec;140(6):1274-1276.
37. Dumanian GA, reviewer. *Selected Readings in General Surgery*. 2017;43(6):e1. [http://web2.facs.org/SRGS\\_Connect/wysk/wysk1217.cfm](http://web2.facs.org/SRGS_Connect/wysk/wysk1217.cfm). Accessed January 5, 2018. Review of: Jairam AP, Timmermans L, Eker HH, et al. Prevention of incisional hernia with prophylactic onlay and sublay mesh reinforcement versus primary suture only in midline laparotomies (PRIMA): 2 year follow-up of a multicentre, double blind, randomised controlled trial; Harvin JA, Kao LS. PRIMA, non nocere.
38. Dumanian G, reviewer. *Selected Readings in General Surgery*. 2018;44(1):e1. [http://web2.facs.org/SRGS\\_Connect/wysk/wysk0618.cfm](http://web2.facs.org/SRGS_Connect/wysk/wysk0618.cfm). Accessed June 13, 2018. Review of: Greene AK, Voss SD, Maclellan RA. Liposuction for Swelling in Patients with Lymphedema.
39. Mioton LM, Dumanian GA. [Discussion: Measuring Success in Complex Abdominal Wall Reconstruction: The Role of Validated Outcome Scales](#). *Plast Reconstr Surg*. 2018 Sep;142(3S Current Concepts in Abdominal Wall Reconstruction):171S-172S. doi: 10.1097/PRS.0000000000004874. PMID: 30138286
40. Dumanian GA. Discussion: Postoperative outcomes in obese patients that undergo ventral hernia repair versus ventral hernia with concurrent panniculectomy. *Plast Reconstr Surg* 2019;

143: 1220-1221.

41. Dumanian GA. Discussion: Advantages of a fixation-free technique for open retromuscular ventral hernia repair. *Plast Reconstr Surg. Plast Reconstr Surg.* 2020 Oct;146(4):891-892.
42. Dumanian GA. Commentary on Targeted Muscle Reinnervation in the Oncologic Population: A Literature Review and Current Practice. *Curr Surg Rep.* Accepted.

### ***e-Chapters***

1. Lin SJ, Dumanian GA. Benign Hand Tumors. eMedicine from WebMD. Updated May 18, 2011. Available at: <http://emedicine.medscape.com/article/1286448-overview>.
2. Grevious MA Dumanian, et.al. Abdominal Wall Reconstruction. eMedicine from WebMD. Updated April 04, 2012. Available at: <http://emedicine.medscape.com/article/1297226-overview>.

### ***Book Chapters***

1. Dumanian GA, Hurwitz D: Congenital Deformities of the Female Genitalia. In GS Georgiade, R Riefkohl, LS Levin, eds. *Georgiade Plastic, Maxillofacial, and Reconstructive Surgery*, 3<sup>rd</sup> ed. Baltimore: Williams & Wilkins, 1997: 855-60.
2. Dumanian GA, Heckler F: Constriction Ring Syndrome, In ML Bentz, ed. *Pediatric Plastic Surgery*. Stamford, CN: Appleton & Lange, 1998: 1009-16.
3. Jacobs CE, McCarthy WJ, Fine NA, Dumanian GA, Bittar SM, Pearce WH: Combined lower extremity revascularization and free tissue transfer. In Press.
4. Dumanian GA: Fractures and dislocations of the wrist and fingers, In McCarthy J, Galiano R, and Boutros S eds., *Current therapy in plastic surgery*. P. 539. Saunders Elsevier. 2006.
5. Hijjawi J, Dumanian GA: The ischemic and diabetic lower extremity, In McCarthy J, Galiano R, and Boutros S eds., *Current therapy in plastic surgery*. P. 658. Saunders Elsevier. 2006.
6. Dumanian GA: Abdominal wall reconstruction, In Grabb and Smith, *Plastic Surgery*, 6<sup>th</sup> ed.
7. Dumanian GA: Complex wound closure, In *Northwestern Handbook of Surgical Procedures*, R Bell and DB Kaufman, eds. Chapter 71. Landes Bioscience. 2005.
8. Kim P and Dumanian GA: Negative pressure wound therapy. Chapter 5. In M Sisco and ZB Kryger, eds. Landes Bioscience, Austin, TX. 2007.

9. Reid RR and Dumanian GA: Radiated wound and radiation induced enteric fistulae. Chapter 18. In M Sisco and ZB Kryger, eds. Practical Plastic Surgery. Landes Bioscience, Austin, TX. 2007.
10. Sisco M and Dumanian GA: Infected and exposed vascular grafts. Chapter 21. In M Sisco and ZB Kryger, eds. Practical Plastic Surgery. Landes Bioscience, Austin, TX. 2007.
11. Sisco M and Dumanian GA: Abdominal wall reconstruction. Chapter 51. In M Sisco and ZB Kryger, eds. Practical Plastic Surgery. Landes Bioscience, Austin, TX. 2007.
12. Sisco M and Dumanian GA: Pelvic, genital, and perineal reconstruction. Chapter 52. In M Sisco and ZB Kryger, eds. Practical Plastic Surgery. Landes Bioscience, Austin, TX. 2007.
13. Dumanian GA: Amniotic Band Sequence. Chapter 47. In ML Bentz, B Bauer, and R Zuker, eds. Principles and Practice of Pediatric Plastic Surgery. Quality Medical Publishing, St. Louis, MO. 2008
14. Reid RR, Lu L, Dumanian GA: Pediatric Pressure Sores. Chapter 59. In ML Bentz, B Bauer, and R Zuker, eds. Principles and Practice of Pediatric Plastic Surgery. Quality Medical Publishing, St. Louis, MO. 2008
15. Dumanian GA: Soft tissue reconstruction of the groin after vascular surgery: Use of the gracilis flap. Surgery in the Endovascular Era. Greenwood Academic, Evanston, IL. 2008.
16. Dumanian GA: Abdominal wall tumors and their reconstruction. Chapter 12. In CE Butler and NA Fine, eds. Principles of Cancer Reconstructive Surgery. Springer Publishing, Germany. 2008.
17. Dumanian GA: Reconstruction of the Intra-Abdominal Pelvis and the Perineum. Chapter 13. In CE Butler and NA Fine, eds. Principles of Cancer Reconstructive Surgery. Springer Publishing, Germany. 2008.
18. Lin SJ, Dumanian GA. Hand tumors, benign. eMedicine.
19. Dumanian GA: Soft tissue reconstruction of the groin after vascular surgery: Use of the gracilis flap. Chapter 30. In Rodriguez HE, Pearce WH, Yao JS. The Ischemic Extremity, New Findings and Treatment. People's Medical Publishing Shelton, CT 2010.
20. Eddleman CS, Dumanian GA, Bendok BR, Batjer HH. High-flow cerebral revascularization with radial artery and saphenous vein grafts. In press.
21. Dumanian GA: Hand ischemia. "Vascular Surgery, A Manual for Survival. Pearce WH and Yao JST, eds. Shelton, US. 2010.

22. Agnew S, Dumanian GA: Angiosomes of the calf, ankle, and foot. Chapter 12. In Sarrafian's Anatomy of the Foot and Ankle. AS Kelikian, ed. Lippincott Health, Philadelphia. 2011.
23. Dumanian GA: Complex wound closure, In Northwestern Handbook of Surgical Procedures, N Soper and DB Kaufman, eds. Chapter 81, Northwestern Handbook of Surgical Procedures, 2<sup>nd</sup> Edition, N Soper and DB Kaufman, eds. Landes Bioscience, Austen Tx. 2011.
24. Dumanian GA: Removal of subcutaneous small cysts, tumors, and foreign bodies, In Northwestern Handbook of Surgical Procedures, R Bell and DB Kaufman, eds. Chapter 84, Northwestern Handbook of Surgical Procedures, 2<sup>nd</sup> Edition, N Soper and DB Kaufman, eds. Landes Bioscience, Austen Tx. 2011.
25. Dumanian GA: Abdominal wall wounds. In Losken and Janis, eds., Advances in Abdominal wall surgery. Chapter 3. Quality Medical Publishing, St. Louis, MO. 2012
26. Dumanian GA: Infected Abdominal Wall Mesh. Clinical Scenarios in General Surgery, Decision making and operative technique. Dimick, Upchurch, and Sonnenday, eds. Wolters Kluwer, Philadelphia. 2012.
27. Agnew SP, Dumanian GA. Plastic Surgery Considerations for the general surgeon. ACS Surgery, Principles and Practice. Section 9, Care in Special Situations. 2013.
28. Dumanian GA and Kuiken T: Treatment of the upper extremity amputee. In Neligan, Plastic Surgery, 3<sup>rd</sup> Edition. Volume 6 Chapter 40. Elsevier, London. 2013.
29. Dumanian GA: Soft tissue reconstruction of the back. In Neligan, Plastic Surgery, 3<sup>rd</sup> Edition. Volume 4, Chapter 11. Elsevier, London. 2013.
30. Dumanian GA. Targeted Reinnervation: Surgical Technique. In Kuiken, Feuser, and Barlow eds., Targeted Muscle Reinnervation. CRC Press, Boca Raton, FL. 2014.
31. Dumanian GA. The physics of abdominal wall repair. Chapter 11. Nahabedian M and Bhanot P, eds. Abdominal Wall Reconstruction. Cine-Med Publishing, Woodbury CT. 2014.
32. Dumanian GA. Abdominal wall reconstruction. In Grabb and Smith's, Plastic Surgery, 7th edition. Thorne CH, Chung KC, Gosain AK, Gurner GC, Mehrara BJ, Rubin JP, Spear SL, eds. Chapter 93. Wolters Kluwer, Philadelphia. 2014.
33. Dumanian GA. Targeted muscle reinnervation and upper limb amputation. In Grabb and Smith's, Plastic Surgery, 7th edition. Thorne CH, Chung KC, Gosain AK, Gurner GC, Mehrara BJ, Rubin JP, Spear SL, eds. Chapter 90. Wolters Kluwer, Philadelphia. 2014.

34. Souza J and Dumanian GA. Hand Ischemia. In Current Vascular Surgery. Eskandari MK, Pearce WH, and Yao JST eds. People's Medical Publishing, Shelton, CT. 2014.
35. Souza J and Dumanian GA. Targeted Muscle Reinnervation for prosthetic control and treatment of neuroma pain. AAOS.
36. Dumanian GA, Souza JM, Kuiken TA. Treatment of the upper extremity amputee. Volume 6, Chapter VI, Chapter 40. In Neligan, Plastic Surgery, 4rth edition.
37. Dumanian GA and Rawlani V: Soft tissue reconstruction of the back. Volume 4, Section II, Chapter 11. P. 255. In Neligan, Plastic Surgery, 4rth edition. 2018
38. Dumanian GA. Anterior open component separation with perforator preservation. Chapter 16. In Novisky, Hernia Surgery. Springer, Switzerland. 2016.
39. Dumanian GA. Periumbilical perforator sparing component separation. Chapter 9. In Rosen MJ, Atlas of Abdominal wall reconstruction. Elsevier, Philadelphia 2017
40. Gart MS, Dumanian GA, Reid RR. Pressure sores and neural tube disorders in Children. Chapter 64. In Principles and Practice of Pediatric Plastic Surgery. Bentz ML, Bauer BS, and Zuker RM, eds. CRC Press, Boca Raton, FL. 2017.
41. Gust MJ, Dumanian GA. Amniotic band syndrome. Chapter 49. In Principles and Practice of Pediatric Plastic Surgery. Bentz ML, Bauer BS, and Zuker RM, eds. CRC Press, Boca Raton, FL. 2017.
42. Dumanian GA and Mioton Connor L. Trapezius Muscle Flap. Operative Techniques in Plastic Surgery by Chung K, Thorne C, Gosain A, Soltanian H, van Aalst J, Mehrara B, Disa J, and Lee G. Wolters Kluwer, 2019.
43. Dumanian GA and Mioton Connor L. Erector Spinae Muscle Flaps. Operative Techniques in Plastic Surgery by Chung K, Thorne C, Gosain A, Soltanian H, van Aalst J, Mehrara B, Disa J, and Lee G. Wolters Kluwer, 2019.
44. Dumanian GA and Mioton Connor L. Superior Gluteal Artery Flap. Operative Techniques in Plastic Surgery by Chung K, Thorne C, Gosain A, Soltanian H, van Aalst J, Mehrara B, Disa J, and Lee G. Wolters Kluwer, 2019.
45. Dumanian GA and Turin S. Abdominal wall reconstruction. Operative Techniques in Plastic Surgery by Chung K, Thorne C, Gosain A, Soltanian H, van Aalst J, Mehrara B, Disa J, and Lee G. Wolters Kluwer, 2019.
46. Dumanian GA and Turin S. Umblicoplasty. Operative Techniques in Plastic Surgery by Chung K, Thorne C, Gosain A, Soltanian H, van Aalst J, Mehrara B, Disa J, and Lee G. Wolters Kluwer, 2019.

47. Dumanian GA and Turin S. Repair of Flank Hernias. *Operative Techniques in Plastic Surgery* by Chung K, Thorne C, Gosain A, Soltanian H, van Aalst J, Mehrara B, Disa J, and Lee G. Wolters Kluwer, 2019.
48. Dumanian GA. Abdominal wall reconstruction. *Decker Medicine*. In Press.
49. Dumanian GA and Lanier ST. Mesh Sutured Repairs of Abdominal Wall Defects. SS Davis Jr, G Dakin, A Bates eds. *SAGES Hernia Manual*, 2<sup>nd</sup> edition. Springer, Cham Switzerland. Chapter 23. PP 317-331. 2019.
50. Dumanian GA: Angiosomes of the calf, ankle, and foot. Chapter 12. In Sarrafian's *Anatomy of the Foot and Ankle*. AS Kelikian, ed. Lippincott Health, Philadelphia. 2021.
51. Kleiber G, Ko J, Valerio I, Dumanian GA. Targeted muscle reinnervation for the treatment of symptomatic neuroma. In Eberlin, *Neuroma*. In Print.

### ***Abstracts/Presentations***

1. Dumanian GA, Khouri RK, Heil B, Hong C, Connolly K, Wun T-C, Johnson P: Tissue factor activity at the human microvascular anastomosis and its inhibition. Presented at the Plastic Surgery Research Council, Houston TX, April 29, 1993.
2. Restifo RJ, Dumanian GA, Hong C, Johnson PC: Platelet deposition at the human microvascular anastomosis: Effect of aspirin. Presented at the Robert Ivy Society, Hershey PA, March 13, 1993.
3. Whitney TM, Bentz ML, Dumanian GA, Johnson PC: The effect of Corticotropin-Releasing Factor on reperfusion edema. Presented at the Robert Ivy Society, Hershey PA, March 13, 1993.
4. Dumanian GA, Dascombe B, Hong C, Connolly K, Garrett KO, Sawhney AS, Pathak CP, Hubbell JA, Johnson PC: A new photopolymerizable blood vessel glue that seals human vessel anastomoses without augmenting thrombogenicity. Presented at the Plastic Surgery Research Council, Ann Arbor Michigan, June 5, 1994.
6. Dumanian GA, Futrell JW: The Charles Procedure: Misquoted and misunderstood since 1950. Presented at the Robert Ivy Society, Hershey PA, Mar 12, 1995.
7. Few JW, Corral C, Fine NA, Dumanian GA: Monitoring buried head and neck free flaps with high resolution color duplex. Presented at the American Society of Reconstructive Microsurgery, Miami, FL 1/12/2000.
8. Sukkar SM, Dumanian GA: Gracilis muscle free flap transfer utilizing a radial artery/venae comitantes composite vascular pedicle. Presented at the American Society of Reconstructive Microsurgery, Miami, FL 1/12/2000.



9. Saulis A, Sukkar SM, Dumanian GA: Musculocutaneous radial forearm free flap. Presented at the Midwest Association of Plastic Surgeons, Chicago, IL 4/7/2000.
10. Sukkar SM, Dumanian GA: Abdominal Wall Reconstruction: One Center's Experience. Presented at the Midwest Association of Plastic Surgeons, Chicago, IL 4/7/2000.
11. Saulis, A, Dumanian GA: Periumbilical rectus abdominus perforator preservation significantly reduces major superficial wound complications in "Separation of Parts" hernia repairs. Presented at the Midwest Association of Plastic Surgeons, Chicago, IL 4/21/2001.
12. Saulis A, Dumanian GA: Periumbilical rectus abdominus perforator preservation significantly reduces major superficial wound complications in "Separation of Parts" hernia repairs. Presented at the American Society of Plastic Surgery, Orlando, FL 11/4/2001.
13. Saulis A, Sukkar SM, Dumanian GA: The musculocutaneous radial artery forearm/flexor carpi radialis flap—a clinical and cadaveric study. Presented at the American Society for Reconstructive Microsurgery, Cancun, MX 1/12/2002.
14. Hasen KV, Gallegos M, Tepper R, Dumanian GA: A novel technique for additional length and improved exposure of the gracilis pedicle. Presented at the American Society for Reconstructive Microsurgery, Cancun, MX 1/12/2002.
15. Lee MJ, Mindea SA, Hasen KV, Ondra S, Fine NA, Dumanian GA: The role of vascularized fibula flaps in difficult cervical spine arthrodeses. Presented at the American Society for Reconstructive Microsurgery, Hawaii, 1/10/2003.
15. Lin S, Dumanian GA, Dutra J, Pelzer H, Fine NA: Effects of preoperative radiation therapy on outcomes in microsurgical head and neck cancer reconstruction. Presented at the American Society for Reconstructive Microsurgery, Palm Springs, CA. 1/17/2004.
16. Reid R, Dumanian GA: Autogenous hernia repair in the morbidly obese. Presented at the Midwest Association Plastic Surgery, Chicago, IL 5/2/2004.
17. Kuiken TA, Miller LA, Dumanian GA, Lipshutz RD, Stubblefield KA: Targeted muscle reinnervation for improved prosthesis control in a patient with bilateral shoulder disarticulations. Presented at the 11<sup>th</sup> World Conference of ISPO, Hong Kong, China. 8/2/2004.
18. Wayne J, Mirkia K, Dumanian GA: Giant Marjolin's ulcer arising in a chronic anterior abdominal wound. Midwestern Surgical Society, Macinaw Island, MI. 8/9/04.
19. Hijjawi J, Kuiken T, Dumanian GA: Intuitive and improved control of a myoelectric arm using brachial plexus-muscle segment anastomoses. Presented at the American Society of Plastic Surgery, Philadelphia, PA 10/11/2004.

20. Dumanian GA, Hadad I, Small W.: Separation of parts: Hernia repairs and postoperative ventilation—Reversal of the “lost domain”. Presented at the American Society of Plastic Surgery, Philadelphia, PA 10/12/2004.
21. Said HK, Kuiken TA, Hijjawi J, Dumanian GA: Nerve transfers in transhumeral amputations: Creating myoneurosomes for improved myoelectric prosthesis control. American Society of Reconstructive Microsurgery, Puerto Rico, Jan 14-18, 2005. Winner first prize resident competition, Midwestern Association of Plastic Surgeons, Chicago, IL. 4/23/2005.
22. Lipschutz RD, Miller LA, Stubblefield KA, Dumanian G, Phillips ME, Kuiken TA. Transhumeral level fitting and outcomes following targeted hyper-reinnervation nerve transfer surgery. Myoelectric Controls Symposium, Fredericton NB Canada, August, 2005.
23. Lin S, Margulis, Lubicky J, Patel P, Dumanian GA. Prefabrication of a free fibula flap by distraction osteogenesis for mandibular reconstruction. Presented at the American Society for Reconstructive Microsurgery, Tucson AZ, 1/15/2006.
24. Dumanian GA, Kuiken TA. Targeted reinnervation for improved myoelectric prosthesis function. Presented at the American Academy of Orthopedic Surgery, Chicago, IL 3/25/2006.
25. O’Shaughnessy KD, Kuiken TA, Dumanian GA. Targeted reinnervation: A functioning neural-machine interface for improved myoelectric prosthesis control. Presented at the American Society of Plastic Surgery, San Francisco, CA 10/8/2006.
26. Rosenberg DA, Schmid D, Dumanian GA. Tissue expander/implant reconstruction with circumferential capsulotomy in the irradiated patient: An outcomes study. Presented at the Midwestern Association of Plastic Surgeons, Chicago, IL 5/4/2007.
27. Sisco M, Dumanian GA. The oblique rectus abdominis myocutaneous flap for vaginal reconstruction. Presented at the Midwestern Association of Plastic Surgeons, Chicago, IL 5/4/2007.
28. Kryger ZB, Rawlani V, Dumanian GA. Treatment of chronic digital ischemia with direct microsurgical revascularization. Presented at the Midwestern Association of Plastic Surgeons, Chicago, IL 5/4/2007.
29. O’Shaughnessy KD, Dumanian GA, Lipschutz R, Miller L, Stubblefield K, Kuiken TA. Targeted reinnervation: A surgical technique to improve prosthesis control in transhumeral amputees. Presented at the Midwestern Association of Plastic Surgeons, Chicago, IL 5/4/2007.
30. Dumanian GA. Targeted innervation for improved control of myoelectric prostheses. Presented at the World Society of Microsurgery, Athens, Greece. 6/25/2007.
31. Dumanian GA, Kuiken TA. Targeted innervation for improved control of myoelectric prostheses. Presented at the American Association of Surgery Hand, Seattle, WA. 9/29/07.

32. Dumanian GA and Angelos P. Surgical Innovation vs. Surgical Research: A Plastic Surgery Case Study. U. of Chicago, Oct 17, 2007.
33. Dumanian GA, Kuiken TA. Creation of the semi-bionic man with targeted innervation. American Society of Plastic Surgery, Baltimore, MD. 10/29/2007.
34. Dumanian GA. Use of the gracilis flap for vascular reconstruction of the groin. Northwestern Vascular Surgery Course, Chicago, IL. 12/15/2007.
35. Kryger Z, Rawlani V, Dumanian GA. Treatment of chronic digital ischemia with direct microsurgical revascularization. American Association of Hand Surgery, Beverly Hills, CA. 1/10/08.
36. Kim PS, O'Shaughnessy KD, Kuiken TA, Dumanian GA. Novel model for end-neuroma formation in the amputated rabbit forelimb. American Society for Peripheral Nerve, Beverly Hills, CA. 1/12/08.
37. Kim PS, O'Shaughnessy KD, Kuiken TA, Dumanian GA. Targeted motor reinnervation of the rabbit rectus abdominis: a single muscle can receive and distinguish three independent nerve inputs. American Society for Reconstructive Microsurgery, Beverly Hills, CA. 1/14/08.
38. Dumanian GA, Kuiken TA. Multiple nerve transfers for improved prosthetic function in high upper extremity amputees. Federation of the European Societies for Surgery of the Hand (FESSH). Lausanne, Switzerland. 6/19/2008.
39. Dumanian GA, Kuiken TA. Targeted reinnervation. American Society for Surgery of the Hand Symposium. Chicago, IL. 9/17/2008.
40. Ko JH, Salvay DM, Paul BC, Wang ED, Dumanian GA. "Components separation" technique for the treatment of ventral hernias. Lessons learned from 200 patients. American College of Surgery, San Francisco, CA. 10/15/2008.
41. Ko JH, Salvay DM, Paul BC, Wang EC, Dumanian GA. Soft polypropylene mesh, but not cadaveric dermis, significantly improves outcomes in midline hernia repairs using the components separation technique. American Society Plastic Surgery, Chicago, IL 11/4/2008.
42. Ko JH, De la Garza M, Kim PS, Kuiken TA, Dumanian GA. Topographic distribution of sensory and motor axons in the human brachial plexus: A first step toward function specific targeted reinnervation. American Society Peripheral Nerve, Maui, Hawaii. 1/9/2009.
43. Ko JH, Kim PS, O'Shaughnessy KD, Kuiken TA, Dumanian GA. A quantitative evaluation of gross versus histologic neuroma formation in a rabbit forelimb amputation model. American Society Peripheral Nerve, Maui, Hawaii. 1/9/2009.
44. Ko JH, Kim PS, O'Shaughnessy KD, Wilson CJ, Kuiken TA, Dumanian GA. Refinements in targeted reinnervation in transhumeral amputees: Proximal radial nerve anatomy and

advancements in operative technique. American Society Peripheral Nerve, Maui, Hawaii. 1/11/2009.

45. Ko, JH, Salvay DM, Paul BC, Wang EC, Dumanian GA. Soft polypropylene mesh, but not cadaveric dermis, significantly improves outcomes in midline hernia repairs using the components separation technique. Midwestern Association of Plastic Surgeons, Chicago, IL, 4/18/09.

46. Odunze M, Nystrom A, Dumanian GA. "Painful surgery": A technique to treat localized refractory pain. Midwestern Association of Plastic Surgeons, Chicago, IL, 4/18/09.

47. O'Shaughnessy, KO, Hijjawi J, Dumanian GA. A versatile abdominal skin flap design for pedicled coverage of large forearm wounds. Midwestern Association of Plastic Surgeons, Chicago, IL, 4/18/09.

48. Kim PS, Ko JH, O'Shaughnessy K, Kuiken T, Dumanian GA. Targeted motor reinnervation of the rabbit rectus abdominis: Creation of new myoneurotomes and maturation of amputated neuromas. Midwestern Association of Plastic Surgeons, Chicago, IL, 4/18/09.

49. Ko JH, De la Garza M, Kim PS, Kuiken TA, Dumanian GA. Topographic distribution of sensory and motor axons in the human brachial plexus: A first step toward function-specific targeted reinnervation. Midwestern Association of Plastic Surgeons, Chicago, IL, 4/18/09.

50. Dumanian GA. Is there a best mesh? A comparison of biologic and prosthetic meshes in midline hernia repairs. Abdominal wall reconstruction symposium, Washington DC, 6/25/2009.

51. Agnew SP, Small W, Wang E, Smith LJ, Hadad I, Dumanian GA. A prospective study of changes in abdominal volume and pulmonary function following separation of parts repair for massive ventral hernias. American College of Surgeons. Chicago, IL 10/15/2009.

52. Agnew SP, Small W, Wang E, Smith LJ, Hadad I, Dumanian GA. A prospective study of changes in abdominal volume and pulmonary function following separation of parts repair for massive ventral hernias. American Society of Plastic Surgery. Seattle, WA 10/25/2009.

53. Ko JH, de la Garza M, Marasco PD, Dumanian GA, Kuiken TA. The effects of targeted reinnervation on neuroma formation in a novel rat hindlimb model. Midwestern Association of Plastic Surgeons, Chicago, IL, 5/15/10.

54. Seth AK, Hirsch EM, Kim JYS, Dumanian GA, Mustoe TA, Fine NA. Outcomes following tissue expander breast reconstruction in patients with pre-reconstruction radiation. Midwestern Association of Plastic Surgeons, Chicago, IL, 5/15/10.

55. Seth AK, Hirsch EM, Kim JYS, Dumanian GA, Mustoe TA, Fine NA. Hematoma rate with and without tumescent solution in patients undergoing mastectomy with immediate tissue expander reconstruction. Midwestern Association of Plastic Surgeons, Chicago, IL, 5/15/10.

56. Kuiken TA, Dumanian GA, Wilson C, Hevert J, Miller L. Targeted reinnervation—surgical outcome of 30 patients. Triannual Conference of the Int Soc of Pros and Orthotics. Leipzig, Germany. Winner of Best Paper.
57. Dumanian GA. Prosthetic mesh on bowel. Is it safe, and does it cause extrusions, fistulae, and adhesions? Abdominal wall reconstruction symposium, Washington DC, 6/17/2010.
58. Dumanian GA. Tissue advancement techniques in abdominal wall reconstruction. Abdominal wall reconstruction symposium, Washington DC, 6/17/2010.
59. Dumanian GA. Update on targeted reinnervation for control of upper extremity prostheses. 6<sup>th</sup> International muscle symposium, Vienna, Austria. 9/4/2010.
60. Dumanian GA. Targeted reinnervation for control of mixed end nerve neuromas. 6<sup>th</sup> International muscle symposium, Vienna, Austria. 9/4/2010.
61. Dumanian GA. Risks associated with separation of parts hernia repairs. 32<sup>nd</sup> European Hernia Society Meeting, Istanbul, Turkey. 10/7/2010.
62. Dumanian GA. Update on targeted reinnervation. Congress of Neurological Surgeons, 60<sup>th</sup> annual meeting. San Francisco, CA. 10/21/2010.
63. Hirsch EM, Seth AK, Kim JY, Dumanian GA, Mustoe TA, Fine FA. Outcomes of tissue expander breast reconstruction in patients with pre-reconstruction radiation. Plastic Surgery Research Council, Louisville, KY. 4/28/2011
64. Dumanian GA. The use of uncoated soft polypropylene for reinforcement of components separation repair of midline ventral hernias. 33<sup>rd</sup> International Congress of the European Hernia Society, Ghent, Belgium. 5/13/2011.
65. Souza J, Dumanian GA. The routine widespread use of bioprosthetic mesh is not necessary. 33<sup>rd</sup> International Congress of the European Hernia Society, Ghent, Belgium. 5/13/2011.
66. Dumanian GA. The role of the plastic surgeon after open abdomen treatment. 33<sup>rd</sup> International Congress of the European Hernia Society, Ghent, Belgium. 5/13/2011.
67. Hirsch E, Seth A, Dumanian GA, Kim YS, Mustoe T, Galiano R, Fine N. Outcomes of immediate tissue expander breast reconstruction followed by reconstruction of choice in the setting of post-mastectomy radiation therapy. American Society of Plastic and Reconstructive Surgery. Denver, CO. 9/25/2011.
68. Rawlani V, Dumanian GA, Rawlani R, Connor C, Greene S, Kim JY. Risk factors for burnout: Outcomes of a national survey of practicing plastic surgeons. American Society of Plastic and Reconstructive Surgery. Denver, CO. 9/25/2011.

69. Souza J, Dumanian GA. Routine use of bioprosthetic mesh for incisional hernia repair is not necessary. American Society of Plastic and Reconstructive Surgery. Denver, CO. 9/25/2011.
70. Seth A, Hirsch E, Kim YS, Dumanian GA, Mustoe T, Fine N. American Society of Plastic and Reconstructive Surgery. Denver, CO. 9/25/2011.
71. Dumanian GA. Targeted Muscle Reinnervation: Surgical techniques for transhumeral and shoulder disarticulation amputations. TMR Current Approaches and Future Directions. Chicago, IL 10/7/2011.
72. Dumanian GA. Targeted Reinnervation. Opportunities and challenges in surgical robotics. Beth Israel Hospital, Harvard. Boston, MA 4/21/2012.
73. Dumanian GA. Rheumatoid hand surgery. American College of Rheumatology. Chicago, IL 5/15/2012.
74. Dumanian GA. The world of synthetics: Still a prominent role? Abdominal wall reconstruction meeting. Washington, D. C. 6/14/2012.
75. Dumanian GA. Stump the experts. Abdominal wall reconstruction meeting. Washington, D. C. 6/14/2012.
76. Dumanian GA. Autologous tissue reconstruction of complex AWR. Abdominal wall reconstruction meeting. Washington, D. C. 6/14/2012.
77. Dumanian GA. Technology vs. Transplantation. American Society of Reconstructive Transplantation, Chicago, IL, 11/16/2012.
78. Souza JM, Ko JH, Cho MS, Barrow AE, Kuiken TA, Dumanian GA. Targeted reinnervation as a strategy for neuroma treatment: A multi-center study. American Society of Peripheral Nerve Surgery. Naples, Fl. 1/12/2013.
79. Rawlani V, Rawlani R, Dumanian G, Mustoe T, Kim JYS. Comparative analysis of quality of life and burnout measures between academic and private practice plastic surgeons. American Association of Plastic Surgeons, New Orleans, LA. 4/20/2013.
80. Dumanian GA. Mesh suture. Trends in Plastic Surgery (TIPS). San Francisco, CA. 6/1/2013.
81. Dumanian GA. The physics of abdominal wall reconstruction. Abdominal wall reconstruction meeting. Washington, D. C. 6/6/2013.
82. Dumanian GA. Skin handling in abdominal wall reconstruction. Abdominal wall reconstruction meeting. Washington, D. C. 6/6/2013.

83. Dumanian GA. Components separation, the basics. Abdominal wall reconstruction meeting. Washington, D. C. 6/7/2013.
84. Dumanian GA. Stump the experts. Abdominal wall reconstruction meeting. Washington, D. C. 6/7/2013.
85. Cheesborough J, Park E, Souza J, Dumanian GA. A PROMISing study: Open ventral hernia repair leads to decreased pain intensity and pain interference. American Society of Plastic Surgery, San Diego, CA. 10/13/2013.
86. Souza JM, Cheesborough JE, Kuiken TA, Dumanian GA. Bilateral targeted muscle reinnervation for upper extremity myoelectric control. American Society Peripheral Nerve, Kauai, Hawaii. 1/12/2014.
87. Souza JM, Dumanian Z, Gurjala D, Dumanian GA. In vivo evaluation of a novel suture design for abdominal wall closure. Plastic Surgery Research Council, New York, New York. 3/9/2014.
88. Souza JM, Dumanian Z, Gurjala D, Dumanian GA. In vivo evaluation of a novel suture design for abdominal wall closure. Americas Hernia Society. Las Vegas, NV. 3/12/2014. "Best resident presentation" award.
89. Purnell CA, Souza JM, Park E, Dumanian GA. Repair of recurrent hernia after biologic mesh failure in abdominal wall reconstruction. Midwestern Association of Plastic Surgery, Chicago, IL 60610.
90. Souza JM, Dumanian Z, Gurjala D, Dumanian GA. In vivo evaluation of a novel suture design for abdominal wall closure. Midwestern Association of Plastic Surgery, Chicago, IL 60610
91. Cheesborough JE, Workman SC, Dumanian GA. Aesthetic mesh repair of severe rectus diastasis. Midwestern Association of Plastic Surgery, Chicago, IL 60610 5/17/2014.
92. Dumanian GA. Flap reconstruction for AWR. Abdominal wall reconstruction meeting. Washington, D. C. 6/12/2014.
93. Dumanian GA. Panel discussion, flap reconstruction for AWR. Abdominal wall reconstruction meeting. Washington, D. C. 6/12/2014.
94. Dumanian GA. Tissue and biomaterials. Abdominal wall reconstruction meeting. Washington, D. C. 6/13/2014.
95. Dumanian GA. Perforator preservation for components separation. Abdominal wall reconstruction meeting. Washington, D. C. 6/13/2014.

96. Dumanian GA. Stump the experts. Abdominal wall reconstruction meeting. Washington, D. C. 6/13/2014.
97. Dumanian GA. Carpal tunnel syndrome. Prim-med Conference, Chicago, IL 10/18/2014.
98. Dumanian GA and Cheesborough J. Simultaneous abdominoplasty and prosthetic mesh abdominal wall reconstruction for severe rectus diastasis and ventral hernia defects. 1st World Congress on Abdominal Hernia Surgery. Milan, Italy 4/25/2015.
99. Dumanian GA Tulaimat A, and Dumanian Z. A novel mesh suture structure strengthens early laparotomy closure. 1st World Congress on Abdominal Hernia Surgery. Milan, Italy 4/25/2015.
100. Park E, Turin S, Purnell C, Dumanian GA. Flank Hernias. Midwestern Association of Plastic Surgery, Chicago, IL 5/29/2015.
101. Dumanian GA. A novel mesh suture structure strengthens early laparotomy closure. Midwestern Association of Plastic Surgery, Chicago, IL 5/29/2015.
102. Dumanian GA. Flank hernias. Abdominal wall reconstruction meeting. Washington, D.C. 6/5/2015.
103. Dumanian GA. A novel mesh suture structure strengthens early laparotomy closure. Washington, D.C. 6/6/2015.
104. Dumanian GA. Mesh abdominoplasty. Abdominal wall reconstruction meeting. Washington, D.C. 6/6/2015.
105. Dumanian GA. Mesh abdominoplasty for Severe Rectus Diastasis and Incisional Hernias. Santa Fe Breast Surgery and Body Contouring Symposium. Santa Fe, NM Aug 29, 2015.
106. Dumanian GA. Synthetic mesh for complex ventral hernia repair. Santa Fe Breast Surgery and Body Contouring Symposium. Santa Fe, NM Aug 29, 2015.
107. Souza JM, Cheesborough JE, Purnell C, Dumanian GA. Treatment of lower extremity neuroma pain with nerve allografts. American Society of Peripheral Nerve. Scottsdale, AZ. 1/16/2016.
108. Dumanian GA. Mesh sutured abdominal wall repairs. American Hernia Society invited lecture, Washington DC, 3/31/2016.
109. Lanier ST, Miller KR, Saadat L, Cheesborough J, Dumanian GA. Mesh sutured repairs of abdominal wall defects. Midwestern Association of Plastic Surgeons, Chicago, IL 4/30/2016.
110. Dumanian GA. Mesh sutured repairs of abdominal wall defects. Abdominal Wall Reconstruction Meeting. Washington DC, June 9-10, 2016.



111. Dumanian GA. The human tissue response to sutures and meshes. Abdominal Wall Reconstruction Meeting. Washington DC, June 9-10, 2016.
112. Turin S, Dumanian GA, Alghoul M, Watson R. Current practices in the management of post-operative arterial vasospasm in microsurgery. ASPS Los Angeles 9/26/2016.
113. Lanier S, Fligor K, Miller K, Dumanian GA. Reliable complex abdominal wall hernia repairs with a narrow well-fixed retrorectus polypropylene mesh: A review of over 100 consecutive cases. ASPS Los Angeles 9/26/2016.
114. Dumanian GA. Mesh suture for high tension internal closures. Technology Innovation for Physicians and Surgeons (TIPS). Cleveland, OH 10/23/2016.
115. Dumanian GA. Mesh Suture. European Abdominal Wall Reconstruction. London, England. 2/3/2017.
116. Dumanian GA. Open Components Release. Abdominal Wall Reconstruction. Washington, DC 6/9/2017.
117. Dumanian GA. Flank Hernia Repair. Abdominal Wall Reconstruction. Washington, DC 6/9/2017.
118. Dumanian GA. Mesh Sutured Repairs of Incisional Hernia Repairs. Abdominal Wall Reconstruction. Washington, DC 6/9/2017.
119. Dumanian GA. Mesh abdominoplasty. Abdominal Wall Reconstruction. Washington, DC 6/9/2017.
120. Dumanian GA. Mesh Suture. First International Symposium for Hernia Prevention. San Francisco, CA. 10/20/2017.
121. Mioton L and Dumanian GA. Amputee phantom and amputee pain: A survey of 720 subjects. ASPN Phoenix, AZ 1/13/2018
122. Dumanian GA. The latest in abdominal wall reconstruction. ASRM Phoenix, AZ 1/15/2018.
123. Fracol M and Dumanian GA. Targeted muscle reinnervation of the lower extremity: an anatomic dissection. ASPN Phoenix, AZ 1/15/2018
124. Dumanian GA. AAHS/ASPN/ASRM Combined panel, targeted muscle reinnervation. Phoenix, AZ 1/14/2018
125. Dumanian GA. Treatment of amputation related neuromas: Results of a randomized clinical trial. Sunderland Society. Palo Alto, CA 3/5/2018.

126. Dumanian GA. Barracuda tank, 2018 International Hernia Congress. Miami Beach, Florida 3/14/2018.
127. Lanier S and Dumanian GA. Mesh suture of contaminated incisional hernias. 2018 International Hernia Congress. Miami Beach, Florida 3/15/2018.
128. Dumanian GA. Mesh sutured repairs of flank hernias. 2018 International Hernia Congress. Miami Beach, Florida 3/15/2018.
129. Park E and Dumanian GA. The use of processed nerve allografts as interposition grafts following neuroma excision to treat painful abdominal wall neuromas. Midwest Association of Plastic Surgeons. Chicago, IL 4/14/2018.
130. Janes LE, Fracol ME, Ko JH, Dumanian GA. Targeted muscle reinnervation in the leg: An anatomic study. Midwest Association of Plastic Surgeons. Chicago, IL 4/14/2018.
131. Lanier ST, Mioton LM, Dumanian GA. Mesh sutured abdominal wall repairs: A novel technique for management of acute fascial dehiscence and open abdomens. Midwest Association of Plastic Surgeons. Chicago, IL 4/14/2018.
132. Purnell CA, Mcgrath JL, Alkureishi LWT, Patel PK, Dumanian GA. Pre-transfer widening of the free fibula flap for full-height reconstruction of the mandible. Midwest Association of Plastic Surgeons. Chicago, IL 4/14/2018.
133. Dumanian GA et. al. Treatment of amputation neuroma pain and phantoms--an RCT. Innovations in amputation surgery and prosthetics technologies. Vienna, Austria. 5/11/2018.
134. Mioton L and Dumanian GA. Survey of amputee pain. Innovations in amputation surgery and prosthetics technologies. Vienna, Austria. 5/11/2018.
135. Mioton L, Janes L, Fracol ME, Ko JH, Dumanian GA. Targeted muscle reinnervation in the leg: An anatomic study. Innovations in amputation surgery and prosthetics technologies. Vienna, Austria. 5/11/2018.
136. Dumanian GA. Mesh Suture. Abdominal Wall Reconstruction 2018. Washington, DC. June 8, 2018.
137. Dumanian GA. Mesh Abdominoplasty. Abdominal Wall Reconstruction 2018. Washington, DC. June 8, 2018.
138. Dumanian GA. Flank Hernia Repair. Abdominal Wall Reconstruction 2018. Washington, DC. June 8, 2018.
139. Dumanian GA. Mesh Suture and Abdominal Wall Reconstruction. Breast surgery and body contouring symposium, Austin, TX. July 21, 2018.

140. Jordan SW, Valerio IL, Dumanian GA et. al. Targeted muscle reinnervation at the time of major limb amputation prevents phantom limb and residual limb pain. Military Health System Research Symposium. Kissimmee, FL; August 21, 2018.

141. Mioton LM, Dumanian GA, Potter BK, et al. Targeted Muscle Reinnervation Successfully Treats Neuroma Pain and Phantoms in Major Limb Amputees: A Randomized Clinical Trial. Military Health System Research Symposium. Kissimmee, FL; August 21, 2018.

142. Dumanian GA. TMR successfully treats neuroma pain and phantoms in major limb amputees: A randomized clinical trial. American Society for Surgery of the Hand. Boston, MA. 9/13/2018.

143. Dumanian GA. Mesh Suture and Complex Abdominal Wall Reconstruction. QMP Reconstruction Symposium, Chicago, IL. 9/17/2018.

144. Dumanian GA. TMR successfully treats neuroma pain and phantoms in major limb amputees: A randomized clinical trial. QMP Reconstruction Symposium, Chicago, IL. 9/17/2018.

145. Dumanian GA. Mesh Suture and Complex Abdominal Wall Reconstruction. US NAVY C.A.R.E. Symposium. San Diego, CA. 9/19/2018.

144. Dumanian GA. TMR successfully treats neuroma pain and phantoms in major limb amputees: A randomized clinical trial. US NAVY C.A.R.E. Symposium. San Diego, CA. 9/19/2018.

145. Purnell CA, Mcgrath JL, Alkureishi LWT, Patel PK, Dumanian GA. Pre-transfer widening of the free fibula flap for full-height reconstruction of the mandible. Paper of distinction, presented at the American Society of Plastic Surgery. Chicago, IL 9/29/2018.

146. Dumanian GA. Roundtable discussion: Complex abdominal and surgical wounds. Use of devices off-label. American College of Wound Healing and Tissue Repair. Chicago, IL 10/5/2018.

147. Dumanian GA. TMR successfully treats neuroma pain and phantoms in major limb amputees: A randomized clinical trial. Congress of Neurologic Surgeons. Houston, TX 10/11/2018.

148. Dumanian GA. Iatrogenic nerve injuries: Techniques of Avoidance and Management. Congress of the American College of Surgeons, Boston, MA 10/22/2018.
149. Hehr JD, Bowen B, Alexander JH, Mioton LM, Jordan SW, West JM, Scharschmidt T, Mayerson JL, Dumanian GA, Valerio IL. Targeted reinnervation in the amputee patient updates for multiple cohorts on pain outcomes and narcotic use trends. Congress of the American College of Surgeons, Boston, MA 10/22/2018.
150. Dumanian GA. Suturable Mesh. Abdominal Wall Reconstruction Europe. London, England. 2/1/2019.
151. Dumanian GA. Use of the Checkpoint nerve stimulator with TMR. American Society of Reconstructive Microsurgery. Palm Desert, CA. 2/2/2019.
152. Dumanian GA. TMR successfully treats neuroma pain and phantoms in major limb amputees: A randomized clinical trial. American Society of Reconstructive Microsurgery. Palm Desert, CA. 2/2/2019.
153. Dumanian GA. Bench-to-Bedside: Translating Nerve Research through Working Collaborations. American Society of Peripheral Nerve. Palm Desert, CA. 2/2/2019.
154. Dumanian GA. The revised history of the microvascular anastomotic coupler. American Society of Reconstructive Microsurgery. Palm Desert, CA. 2/3/2019.
155. Dumanian GA. TMR successfully treats neuroma pain and phantoms in major limb amputees. Hanger Educational Conference Keynote Address. Las Vegas, NV. 2/19/2019.
156. Dumanian GA. What's new in peripheral nerve surgery. American Association of Plastic Surgeons. Baltimore, MD April 6-9, 2019.
159. Dumanian GA and Cederna P. Prosthetics, pain, and phantoms. TMR and RPNI to solve it all. American Association of Plastic Surgeons. Baltimore, MD April 6-9, 2019.
160. Dumanian GA. Flank Hernia Treatment. Abdominal Wall Reconstruction Meeting. Washington, DC. June 6, 2019.
161. Dumanian GA. Mesh Abdominoplasty for Rectus Diastasis. Abdominal Wall Reconstruction Meeting. Washington, DC. June 6, 2019.
162. Dumanian GA. Major upper extremity amputations: The future is now! American Society of Surgery of the Hand. Las Vegas, Nevada. 9/6/2019.
163. Dumanian GA. Prosthetics: Today and tomorrow, projected timeline. American Society of Surgery of the Hand. Las Vegas, Nevada. 9/6/2019.

164. Dumanian GA. Treatment of severe rectus diastasis with a narrow well-fixed mesh. European Hernia Society. Hamburg, Germany. 9/13/2019.
165. Janes L, Fracol ME, Dumanian GA. Appreciation of post-partum changes of the rectus muscles in primary and re-do abdominoplasty. Hamburg, Germany. 9/13/2019.
166. Mioton LM, Dumanian GA, Shah N, et. al. Targeted muscle reinnervation improves limb pain and function: a prospective study of 35 amputated limbs. American Society for Peripheral Nerve. Ft. Lauderdale, FL. 1/12/2020.
167. Dumanian GA,. Mesh abdominoplasty. Abdominal Wall Reconstruction Europe. London, England. 2/8/2020.
168. Dumanian GA. TMR for the treatment of amputee pain. American Academy of Orthotists and Prosthetists. Chicago, IL 3/5/2020.
169. Dumanian GA. Narrow meshes used to treat rectus diastasis. ASPS. Virtual meeting, 10/16/2020.
170. Dumanian GA. TMR for neuroma pain--new surgeries. ASPS. Virtual meeting, 10/19/2020.
171. Dumanian GA. Skin handling for hernia repair. Australia New Zealand Hernia Society, Virtual meeting. Nov 5, 2020.
172. Dumanian GA. TMR. Netherlands Society of Plastic Surgery. Virtual Meeting. Dec 4, 2020.
173. Dumanian GA. TMR for the treatment of nerve pain. U of Chicago Department of Orthopedics. March 2, 2021.
174. Dumanian GA. TMR Overview. Egyptian Society of Surgery of the Hand. April 7, 2021.
175. Dumanian GA. Facebook webinar for PRS--Targeted Muscle Reinnervation. April 8, 2021.
176. Dumanian GA. Suturable mesh demonstrates improved macroscopic and microscopic outcomes over number 1 polypropylene suture in a porcine laparotomy closure model. Midwestern Society of Plastic Surgeons (MAPS). June 3, 2021.
177. Dumanian GA. Suturable mesh demonstrates improved macroscopic and microscopic outcomes over number 1 polypropylene suture in a porcine laparotomy closure model. Americas Hernia Society. Austin, TX Sept 25, 2021.

178. Dumanian GA. Suturable mesh demonstrates improved macroscopic and microscopic outcomes over number 1 polypropylene suture in a porcine laparotomy closure model. European Hernia Society. Copenhagen, Denmark. Oct 17, 2021.
179. Dumanian GA. Mesh Suture. The Hernia Society of India. Dec 18, 2021.
180. Moradian S, Ko J, Dumanian GA. TMR for the superficial peroneal nerve. ASPN, Carlsbad CA. Jan 22, 2022.
181. Dumanian GA. TMR. AAPS Reconstructive Symposium. San Diego, CA Apr 9, 2022.
182. Klosowiak J, Moradian S, and Dumanian GA. Umbilical hernia using mesh strips. Midwest Association of Plastic Surgeons, Chicago, IL. May 21, 2022.
183. Ko J, and Dumanian GA. Treatment of superficial and deep peroneal nerve pain with TMR. Midwest Association of Plastic Surgeons, Chicago, IL. May 21, 2022.
184. Ko J, and Dumanian GA. Treatment of recurrent Morton's neuroma nerve pain with TMR. Midwest Association of Plastic Surgeons, Chicago, IL. May 21, 2022.
185. Dumanian GA. Mesh suture for pediatric orthopedic surgery. 9<sup>th</sup> East European and Mediterranean meeting for cerebral palsy & developmental medicine. Yerevan, Armenia. June 24, 2022.
186. Dumanian GA. Anterior component release using lateral incisions. Americas Hernia Society. Charlotte, NC. Sept 16, 2022.

## **COURSES/ NATIONAL/INTERNATIONAL PRESENTATIONS**

1. 3M Agee Carpal tunnel release system surgical skills workshop. Dumanian, GA, and Hill, J. February 22, 1997, Northwestern University.
2. Ultrasound assisted liposuction course. Local faculty instructor. June 6, 1998, Northwestern University.
3. "Cutting-edge" solutions in abdominal wall reconstruction. Course given at American Society of Plastic Surgery
  - a. ASPS course, San Antonio, TX.
  - b. ASPS course, San Diego, CA. 10/29/2003
  - c. ASPS course, Philadelphia, PA. 10/12/2006
  - d. ASPS course, Baltimore, MD. 11/1/2007
  - e. ASPS course, Chicago, IL. 10/31/2008
  - f. ASPS course, Seattle, WA. 10/26/2009
  - g. ASPS course, Toronto Canada. 10/4/2010

- h. ASPS course, Denver, CO. 9/26/2011
  - i. ASPS course, New Orleans, LA. 10/13/2012
  - j. ASPS course, Chicago, IL 10/11/2014
  - k. ASPS course, Boston, MA 10/16/2015
4. New solutions for difficult back wounds. Panel moderator 1 hour symposium given at American Society of Plastic Surgery, Chicago, IL 9/27/2005.
  5. Abdominal wall reconstruction in the obese patient. Bariatric Plastic Surgery Workshop, Amelia Island Plantation, Florida. 10/13/2005. Panel moderator: Latissimus breast reconstruction.
  6. Back reconstruction. Course given at American Society of Plastic Surgery. San Francisco, CA 10/11/2006.
  7. Abdominal wall reconstruction with mesh. Panel moderator 1 hour symposium. American Society of Plastic Surgery, Baltimore, MD. 10/28/2007
  8. The Robotic Hand. Session moderator. Federation of the European Societies for Surgery of the Hand (FESSH). Lausanne, Switzerland. 6/19/2008.
  9. Targeted reinnervation. 1 hour course given at American Society Peripheral Nerve, Maui, Hawaii. 1/9/2009.
  10. Size doesn't matter. Lessons learned from 200 consecutive separation of parts hernia repairs. Invited lecturer. Midwestern Association of Plastic Surgeons, Chicago, IL, 4/18/09.
  11. Abdominal wall reconstruction. Abdominal wall reconstruction course, Washington, DC. 6/12/2010.
  12. How painful—Treating the patient with chronic pain. Panel moderator 1 hour symposium. American Society of Plastic Surgery, Seattle, WA. 10/24/2009.
  13. Advances in functional muscle transfer to the extremity following nerve injury. Panel speaker. American Society for Reconstructive Microsurgery. Boca Raton, FL. 1/9/2010.
  14. Reconstruction of complex abdominal wall defects. Panel speaker. American Society for Reconstructive Microsurgery. Boca Raton, FL. 1/9/2010.
  15. Abdominal wall reconstruction. Abdominal wall reconstruction course, Washington, DC. 6/16/2011
  16. Reconstruction of complex abdominal wall defects. Panel speaker. American Society for Reconstructive Microsurgery. Cancun, MX. 1/13/2011.
  17. Nerve transfers for prosthetic control. American Society for Reconstructive Microsurgery. Cancun, MX. 1/15/2011.
  18. Management of symptomatic neuromas. American Society of Surgery of the Hand. Las Vegas, NV. 9/10/2011.
  19. Rheumatoid hand conditions. American Rheumatologic Society. Chicago, IL 4/28/2012
  20. Targeted Muscle Reinnervation. American Society of Surgery of the Hand. Chicago. 9/8/2012.

21. Targeted Reinnervation. American Society Peripheral Nerve Surgery. Naples, FL. 1/11/2013.
22. Guest speaker, Association des Specialistes en Chirurgie Plastique et Esthetique du Quebec. Esterel, Canada. 2/23/2013.
23. Panelist: Technology: What works, what doesn't: What, How, When, Why. American Association of Plastic Surgeons, 4/20/2013.
24. Hand Ischemia. Northwestern Vascular Surgery Symposium. Chicago, IL 12/13/2013.
25. Hand transplant vs. Prosthetics. ASPN/ASRM/AAHS Combined Panel. 1/11/2014, Kauai, Hawaii.
26. Advances in abdominal wall reconstruction: What we know now but didn't know 5 years ago. Panelist. American Society Reconstructive Microsurgery. Kauai, Hawaii. 1/13/2014.
27. Tips and tricks to closing the most difficult abdominal wounds. American Association of Plastic Surgeons. Miami, Fl. 4/5/2014.
28. Abdominal wall reconstruction. What mesh and technique to use. Panelist. American College of Surgeons, San Francisco, CA. 10/28/2014.
29. The surgeon innovator: How to commercialize your innovations. Santa Fe Breast Surgery and Body Contouring Symposium. Santa Fe, NM Aug 29, 2015.
30. Say goodbye to neuroma pain: Cutting-edge techniques for the treatment of neuromas. American Society for Surgery of the Hand. Seattle, WA 9/13/2015.
31. The future is now: Prosthetics vs Hand Transplantation for Amputations. Symposium. American Society for Surgery of the Hand. Seattle, WA 9/13/2015.
32. Abdominal wall reconstruction, Part 1. How to evaluate different techniques and postoperative management. Panel, ASPS, Boston MA 10/19/2015.
33. Abdominal wall reconstruction, Part 2. Dueling perspectives. Panel, ASPS, Boston MA 10/19/2015.
34. The history of targeted reinnervation. American Society of Peripheral Nerve. Scottsdale, AZ. 1/16/2016.
35. Abdominal wall reconstruction. Surgery with masters. American Society of Peripheral Nerve. Scottsdale, AZ. 1/16/2016.
36. Association of Children's Prosthetic Orthotic Clinics (ACPOC) Presidential Lecture. Targeted Muscle Reinnervation: From napkin drawing to standard of care. Broomfield, CO. 4/15/2016.
37. Technology Innovation Panel. American Physician Scientist Association Meeting, Chicago, IL. 4/17/2016.
38. Innovations in amputation surgery & prosthetic technologies symposium, Co-Chairman. Chicago, IL 5/12/2016.
39. Innovations in Amputation Surgery and Prosthetic Technology (IASPT) Meeting Co-Chair, Chicago, IL May 2016.
40. Technology Innovation for Physicians and Surgeons (TIPS) Meeting Co-Chair.
41. Panelist, Treatment of the Wounded Warrior and Beyond. Midwest Association of Plastic Surgeons, Chicago, IL 4/17/2017.
42. Treatment of the divided nerve. Course, ASPS. Orlando, FL. 10/8/2017
43. Targeted muscle reinnervation. Joint session ASPN, ASRM, ASSH. Phoenix, AZ. 1/13/2018.



44. Panelist, Mesh Suture for Abdominal Wall Reconstruction. American Association of Plastic Surgeons. Seattle, WA 4/7/2018.
45. Abdominal Wall Reconstruction Lecture and Cadaver Lab. American Society of Plastic Surgery. Chicago, IL 9/29/2018.
46. Duke flap course. Durham, North Carolina. 8/5/2019.
47. Orange County Plastic Surgery Society. Targeted Mesh Placement in AWR. 3/2/2020.
48. Soft tissues and complex abdominal wall reconstruction. Moderator. Americas Hernia Society, Sept 25, 2021. Austin Tx.
49. Rectus diastasis and back pain. Panelist. Americas Hernia Society. Sept 24, 2021. Austin, TX.
50. Hernia prevention using suturable mesh. The Duramesh Experience. Bard Symposium on hernia prevention. Oct 2, 2021.
51. Mesh Suture. India Hernia Society. Dec 19, 2021
52. Panelist, AAHS/ASPN Joint Panel: TMR or RPNI? ASPN, Carlsbad CA, 1/15/2022.
53. Instructional course, Treatment of the amputee. ASPN, Carlsbad CA, 1/15/2022.
54. Panelist. Optimizing outcomes in complex abdominal wall surgery. ACS. San Diego, CA. 10/17/2022.

## VISITING PROFESSORSHIP

1. University of Pittsburgh Division of Plastic Surgery Visiting Professor 6/1999.
2. University of Wisconsin, Madison, Division of Plastic Surgery Visiting Professor 8/2000.
3. Southern Illinois University, Division of Plastic Surgery Visiting Professor 5/2008.
4. University of Nebraska, Division of Plastic Surgery Visiting Professor 3/3/2009.
5. University of Washington Buehler Visiting Professor 4/1/2009.
6. Stanford University Visiting Professor 10/2010.
7. University of Michigan Visiting Professor 4/2011.
8. Yale University Visiting Professor 2/2012.
9. Association des Specialistes en Chirurgie Plastique et Esthetique Du Quebec. 2/2013.
10. Harvard University 10/16/2013.
11. Emory University 11/5/2013.
12. University of Florida, Maurice Jurkiewicz Visiting Professor 2/19/2014.
13. University Hospital Cleveland and Cleveland Clinic Joint Visiting Professor 2/28/2014.
14. Georgetown Department of Plastic Surgery Visiting Professor 6/13/2014.
15. Northshore/Long Island Jewish Visiting Professor 11/20/2014.
16. Dartmouth Hitchcock Visiting Professor 5/9/2015.
17. VI Curso Internacional de Cirugia "Dr. Hector Orozco", Cirugia en Pared Abdominal. Instituto Nacional de Ciencias Medicas y Nutricion Salvador Zubiran. Mexico City, Mexico. 2/1/2017.
18. University of Pennsylvania 3/26/2017.
19. Walter Reed National Military Medical Center 4/25/2017.
20. Memorial Sloane Kettering. 9/18/2017
21. Indiana University 10/25/2017
22. University Hospital/Metro Health Center. Inaugural Drs. Earle and Jordan Lectureship. Cleveland, OH 9/7/2018.
23. Harvard Combined Program, Joseph A Murray Visiting Professor 3/27/2019

24. Duke University, Keenan Visiting Professor. 4/10/2019
25. Yang Hsueh Chi Visiting Professor, U Hong Kong. 4/14/2019
26. University of California Davis. Hause Lecturer. 6/11/2019.
27. Mayo Clinic Morton Spinner Interdisciplinary Visiting Professor. Aug 29, 2019.
28. Canadian Peripheral Nerve Society Guest Lecturer. London, Ontario. Nov 14, 2019
29. Kaiser Permanente 2020 Plastic Surgery Symposium. Costa Mesa, CA. Feb 8, 2020.
30. Emory Visiting Professor. Atlanta, GA., Feb 14, 2020.
31. U Wisconsin Visiting Professor. Feb 24, 2020.
32. U California Irvine Visiting Professor. Mar 2, 2020.
33. Cornell. Virtual Grand Rounds. Sept 20, 2021. TMR for nerve pain.
34. UCSF Klein Visiting Professor Department of Neurosurgery. TMR. Oct, 2021
35. U Massachusetts Visiting Professor, Division of Plastic Surgery. March 23, 2022
36. UCSD. Virtual Grand Rounds.
37. Christine Kleinert Hand Institute. June 18, 2022.

## **POSTER PRESENTATIONS**

1. Sukkar SM, Dumanian GA: Complex abdominal wall reconstructions: One center's approach. Presented at American Society of Plastic Surgery, New Orleans, LA 10/1999.
2. Sukkar SM, Dumanian GA: Radial forearm flap with FCR muscle: A new flap combination. Presented at American Society of Reconstructive Microsurgery, Miami FL 1/12/2000.
3. Ganju A, Liu J, Dumanian G, Ondra S: The use of vascular autografts in the reconstruction of the infected spine. Congress of neurological surgeons, San Diego, CA 10/01.
4. Lee M, Dumanian GA: The Oblique Rectus Abdominis Musculocutaneous (ORAM) flap: Revisited Clinical Applications. Presented at American Society of Plastic Surgery, San Antonio, TX, 11/2/02 and at the American Society of Reconstructive Microsurgery, Hawii. 1/10/03.
5. Hijjawi JB, Chao JD, Margulis A, Dumanian GA: Acute repair of a high radial nerve avulsion injury with sural nerve grafts. Presented at the American Society of Reconstructive Microsurgery, Hawii. 1/10/03.
6. Morasch MD, Kibbe MR, Eskandari MK, Hijjawi J, Dumanian GA. Gracilis muscle flap coverage of groin wounds following vascular surgery. Society for Clinical Vascular Surgery 32<sup>nd</sup> Annual Symposium on Vascular Surgery, Rancho Mirage, California, March 10-13, 2004.
7. Lin S, Reid R, Sam S, Morasch MD, Dumanian GA. Gracilis muscle flap coverage of groin wounds in the vascular patient. American Society of Reconstructive Microsurgery, Puerto Rico, Jan 14-18, 2005.
8. Schierle, CF, Dumanian GA. The distally based hemisoleus flap as an illustration of the

principle of angiosomes in flap design. American Society of Reconstructive Microsurgery, Puerto Rico, Jan 14-18, 2005.

9. Abbott D, Dumanian G, Halverson AL. Management of laparotomy wound dehiscence. Midwestern Surgical Society. Macinaw Island, MI. Aug 15, 2006.
10. Abbott D, Halverson AL, Wayne J, Kim J, Talamonti M, Dumanian GA. The ORAM flap for complex pelvic wound reconstruction. Midwestern Surgical Society. Macinaw Island, MI. Aug 15, 2006.
11. Odunze M, Nystrom A, Dumanian GA. "Painful surgery": A technique to treat localized refractory pain. American Surgery Peripheral Nerve. Maui, Hawaii. 1/10/2009.
12. Rawlani V, Dumanian GA, Rawlani R, Mustoe TA, Buck DW, Kim JYS. Burnout and psychological health amongst US plastic surgeons: Risk factors and adverse outcomes. American Association of Plastic Surgeons. San Francisco, CA. 4/14/2012.
13. Seth AK, Hirsch EM, Kim JYS, Dumanian GA, Mustoe TA, Galiano RD, Fine NA. Two-stage, prosthetic breast reconstruction following mastectomy: Understanding the risk of complications. American Association of Plastic Surgeons. San Francisco, CA. 4/14/2012.
14. Souza J, Park E, Dumanian G. PROMIS pain evaluation after abdominal wall reconstruction. Washington, D.C. 6/15/2012.
15. Jensen SE, Dumanian GA, Magasi RS, Butt Z, Abecassis MM, Cella D. Upper limb amputees' perceptions of the acceptability of outcomes of hand transplantation. American Society Surgery Hand. Chicago, IL 9/8/2012.
16. Purnell C, Souza J, Dumanian G. Repair of recurrent abdominal hernia after bioprosthetic mesh repair: A clinical case series. American Hernia Society 15<sup>th</sup> Annual Meeting, Orlando, FL. 3/13/2013.
17. Rawlani V, Rawlani R, Dumanian G, Vicari F. The "Critical Age:" Objective, patient-specific timing of helmet therapy in the treatment of deformational plagiocephaly and brachiocephaly. American Association of Plastic Surgeons, New Orleans, LA. 4/20/2013.
18. Cheesborough J, Souza JM, Dumanian GA, Bueno RA. Targeted muscle reinnervation during initial trauma hospitalization to prevent neuroma pain in a shoulder disarticulation patient. American Society Reconstructive Microsurgery, Kauai, Hawaii. 1/14/2014.
19. Cheesborough J, Humphries BS, Souza JM, Dumanian GA. The use of patient-reported outcomes measurement information system (PROMIS) to evaluate nerve-related pain. American Society Peripheral Nerve, Kauai, Hawaii. 1/14/2014.

20. Souza J, Ko J, Cheesborough J, Kuiken T, Cho M, Dumanian GA. Targeted muscle reinnervation nerve transfers for major limb amputation helps end neuroma pain. Extremity War Injuries IX: Reducing disability within the military. Washington, DC. 2/11/2014.
21. Cheesborough J, Dumanian GA. A prospective outcome study of condensed fenestrated PTFE mesh (MotifMesh) in non-sterile abdominal wall defects. Americas Hernia Society, Las Vegas, NV. 3/13/2014.
22. Cheesborough J, Dumanian GA. A PROMISing study: Open ventral hernia repair leads to decreased pain intensity and pain interference. Americas Hernia Society, Las Vegas, NV. 3/13/2014.
23. Cheesborough J, Dumanian GA. Cosmetic mesh repair of severe rectus diastasis. Americas Hernia Society, Las Vegas, NV. 3/13/2014.
24. Lanier S, Fligor J, Miller K, Dumanian G. Narrow well-fixed retrorectus polypropylene mesh effectively repairs complex ventral hernias. Americas Hernia Society, Washington DC. 4/1/2016.
25. Lanier S and Dumanian GA. Mesh sutured repairs of abdominal wall dehiscence. 2018 International Hernia Congress. Miami Beach, Florida 3/14/2018.

## **WEBINARS**

1. Achieving midline closure. ASPS Webinar for AWR. 5/12/2019.
2. TMR. AAOS Webinar for care of the amputee. 5/22/2019.
3. Treatment of painful nerves. Checkpoint sponsored Webinar 4/20/2020.

## **INDUSTRY SPONSORED PRESENTATIONS**

1. Dumanian GA. Synthetic mesh in non-sterile conditions--more than a consideration. Americas Hernia Society, Las Vegas, NV. 3/13/2014.
2. Dumanian GA. Synthetic mesh in non-sterile conditions--more than a consideration. 1st World Congress on Abdominal Hernia Surgery. Milan, Italy 4/25/2015
3. Dumanian GA. TMR for the treatment of amputee pain. AAOP. Chicago, IL 3/4/2020.
4. Dumanian GA. TMR. Stanford University. Palo Alto, CA. Aug 26, 2022.

## **LECTURES**

1. The Year in Internal Medicine. Common Hand Problems. Chicago, IL 1/22/2003.
2. University of Illinois Plastic Surgery Grand Rounds, 3/6/2003
3. University of Chicago Plastic Surgery Grand Rounds, 6/5/2003

4. Chicago Foot and Ankle Blues: Construction and Reconstruction. “Foot flaps and VACS”, Chicago, IL. 6/7/2003.
5. First Annual Management of Difficult GI Problems. “Abdominal Wall Reconstruction”, Chicago, IL. 6/28/2003.
6. Targeted reinnervation for control of myoelectric prosthesis function. Otto Bock Seminar, Vienna Austria. 8/11/2005.
7. Plastic surgery for vascular surgery patients. 20<sup>th</sup> Nursing Conference on Selected Topics in Vascular Disease. Chicago, IL. 10/31/2005.
8. Bionic arm surgery. Presented at Northwestern Alumni Association “A Day with Northwestern”. Evanston, IL 4/18/09
9. Abdominal wall reconstruction. Holy Spirit Hospital, Camp Hill, PA. 8/15/2013.
10. Carpal Tunnel Syndrome. Internal Medicine Review, Northwestern Memorial Hospital. 1/15/2014.

## **COMMITTEE APPOINTMENTS**

1. Instructional course committee ASPS 2002-2007. Subcommittee chairman for general reconstruction 2005-2007.
2. Program committee ASPS 2005-2007
3. Sub-committee chairman for general reconstruction ASPS 2007-2010.
4. Medical Executive Committee, Northwestern Memorial Hospital 2007-2008.
5. Northwestern Medical Faculty Foundation Board of Directors, 11/2007-11/2010.
6. Northwestern Memorial Hospital Value Added Committee. 4/2018-present