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

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Division of Plastic Surgery
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Education

High School

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

Undergraduate

1979-1983	Harvard College Cambridge, Massachusetts	Bachelor of Arts

Medical School

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

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
Continuous Recertification 9/1/2024 – 12/31/2026
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 22266840, Expiration date Jan 4, 2026

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, 2023
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.

12/2010 Chief of Plastic Surgery, Northwestern Division of Plastic Surgery

9/2014 Orion and Lucille Stuteville Professor of Surgery

Hospital staff appointments

Northwestern Memorial Hospital
Jesse Brown VAMC
Lurie Children's Hospital (Consultant staff)

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, 2024

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

U.S. Patent No. 9,237,889 entitled “Suture”
U.S. Patent No. 10,881,394 entitled “Mesh Suture”
U.S. Patent No. 10,278,694 entitled “Indirect Attachment of a Needle to a Mesh Suture”
U.S. Patent No. 11,064,996 entitled “Indirect Attachment of a Needle to a Mesh Suture”
U.S. Patent No. 11,890,003 entitled “Indirect Attachment of a Needle to a Mesh Suture”
U.S. Patent No. 12,251,099 entitled “Suture”
U.S. Patent No. 18/397,177 granted “Indirect Attachment”
U.S. Patent No. 12,558,089 granted “Indirect Attachment”

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 fap 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 surgi cal 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, Pohlmeyer 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 Reconst 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

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Invited Commentaries, Letters, Brief Communications, and Abstracts

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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. 6th International muscle symposium, Vienna, Austria. 9/4/2010.

60. Dumanian GA. Targeted reinnervation for control of mixed end nerve neuromas. 6th International muscle symposium, Vienna, Austria. 9/4/2010.

61. Dumanian GA. Risks associated with separation of parts hernia repairs. 32nd European Hernia Society Meeting, Istanbul, Turkey. 10/7/2010.

62. Dumanian GA. Update on targeted reinnervation. Congress of Neurological Surgeons, 60th 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. 33rd 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. 33rd 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. 33rd 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. Technolgy 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. Austrialia 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 Mortan'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. 9th 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.

187. Dumanian GA. State of the Art Abdominal Wall Reconstruction. Reconstruction Symposium. American Association of Plastic Surgeons. Chicago, IL. 60611. April 30, 2023.

188. Dumanian GA. Neuromodulation. American Association of Plastic Surgeons. Chicago, IL. May 1, 2023.

189. Dumanian GA. Innovation Panel, Midwestern Association of Plastic Surgeons. Chicago, IL. May 18, 2024.

190. Dumanin GA. Panniculectomy. European Hernia Society. Prague, Czech Republic. May 31, 2024.

191. Dumanian GA. The value of partnership in innovation. AIMS Summit, Dublin, Ireland. Aug 22, 2024.

192. Dumanian GA. Shark Tank, Mesh Suture. AIMS Summit, Dublin, Ireland Aug 23, 2024.

193. Dumanian GA. Neuroprosthetics. American Society of Plastic Surgery. San Diego, CA. 9/28/2024.

194. Dumanian GA. Perforator preservation anterior components release. Abdominal wall reconstruction Europe. London, England. Jan 30, 32025.

195. Dumanian GA. 5 reasons to remove skin at AWR. Abdominal wall reconstruction Europe. London, England. Jan 30, 32025.

196. Dumanian GA. Panniculectomy. 10th National Hernia Congress Turkey. Virtual. Oct 18, 2025.

197. Dumanian GA. Mesh Suture for Plastic Surgery Indications. 12th Oncologic Reconstruction Course. Chicago, IL. Dec 13, 2025.

198. Dumanian GA. Mesh suture for repair of hernias. Abdominal wall reconstruction Europe. London, UK. Jan 28, 2026.

199. Dumanian GA. Anterior component release. Abdominal wall reconstruction Europe. London, UK. Jan 30, 2026.

200. Dumanian GA. Hernia Summit 2026. Snowbird, Utah. 3/2/2026
    a. Open rectus diastasis
    b. Complication management of seromas
    c. Anterior component release

201. Dumanian GA. European Hernia Society Porto, Portugal. June 4, 2026
    a. Planning for flaps
    b. Mesh suture in an abdominal wall algorithm.

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.
55. AWR Deep Impact, New Dehli, India. Mar 23-26, 2023
    Course director, SSTM Skin soft tissue management March 23
    Introduction to SSTM
    Principles of soft tissue reconstruction
    Case discussions
    Complications in AWR for SSTM
    Principles of aesthetics of the female abdomen
    Principles of abdominoplasty
    Loss of domain soft tissue aspects
    Perforator preserving anterior components
    Plastic surgery aspects of AWR
    Mesh Suture
56. TMR: Philadelphia Sept 2023
57. TMR. Charter Day, Royal Charter Surgery Ireland (RCSI) Feb 9, 2024. Dublin.
58. TMR. AAOP Meeting, March 6, 2024. Chicago, IL
59. Should neurosurgeons do peripheral nerve surgery? Neurosurgery Interurban meeting, March 8, 2024. Chicago, IL.
60. Mesh Suture—Is it a good idea? Spanish Hernia Society, April 24, 2025. Madrid, Spain.
61. Mesh Suture. Virtual presentation to the Primer Curso del Cirugia de Pared Abdominnal de Peru. July 4, 2025.
62. Invited lecturer to Congreso Internacional Sociedad de Pared Abdominal Y Hernia de Chile. July 18, 2025. Santiago, Chile.
    a. Mesh suture vs standard suture
    b. Non-midline hernia closures
    c. Flaps of the abdominal wall
63. Post-surgical pain management. Moderator. American College of Surgeons, Chicago, IL. Oct 6, 2025.
64. Mesh suture. Convencion internacional de cirujanos vasculares de habla Hispana (CVHH), Washington DC. Oct. 10, 2025.
65. Abdominal wall reconstruction. Moderator. Plastic Surgery The Meeting. New Orleans, LA. Oct 11, 2025.
66. Faculty Member, Rives Meeting, Reims France, April 15-17, 2026.
67. Hellenic Hernia Days, Faculty Member. Thessaloniki, Greece. April 24-26, 2026.

68. Mesh Suture: A personal journey. Vienna, Austria. EURAPS pre-symposium, May 28, 2026.

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 International 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.

38. Baylor Visiting Professor. May 18, 2023
39. MD Anderson Visiting Professor, May 19, 2023
40. U Kansas Visiting Professor Oct 10, 2024
41. Emory Visiting Professor Jan 10, 2025
42. Lahey Clinic Visiting Professor Feb 2, 2026

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 32nd 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 15th 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. 20th 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