## IVICA DUCIC, MD, PhD

#### **OFFICE ADRESS:**

Main (corresponding): Other, US (non-corresponding):

Washington Nerve Institute AxoGen

7601 Lewinsville Road, Suite 460 13631 Progress Blvd, Suite 400

McLean, Virginia 22102 Alachua, Florida 32361

Phone: (703) 992-9233 *Other, Europe (non-corresponding):* 

Fax: (703) 992-8675 MarinMed

e-mail: dr.ducic@gmail.com

Ante Starcevica 45

web: www.DucicMD.com 20000 Dubrovnik, Croatia, EU

#### **EXPERIENCE Summary:**

EXECUTIVE/CORPORATE:

Medical Director, Axogen, 2017-present

PRIVATE PRACTICE:

Washington Nerve Institute, 2014-present

LEADERSHIP:

President, American Society for Peripheral Nerve, 2011-2012

ACADEMIC/HOSPITAL:

Clinical Professor of Surgery, George Washington University, 2014-present Professor, Plastic Surgery & Neurosurgery, Georgetown University, 2003-2014

RESEARCH/PHARMA:

Dept of Pharmacology & Surgery, Georgetown University, 1991-1996 Neuroscience Division, Hoffmann-La Roche, Switzerland, 1989, 1990

#### **PUBLICATIONS & LECTURES Summary:**

Meeting Abstracts & Presentations: 101 Instructional Courses/Labs: 80

Publications/Research: 98 Book Chapters: 16

Visiting Professor/Invited Lectures: 241 Media Interviews & Reports: 30

#### **EDUCATION Summary:**

Doctor of Medicine: School of Medicine, University of Zagreb, Croatia, 1986-1991

Doctor of Philosophy: School of Medicine, University of Zagreb, Croatia, 1991-1994

Plastic Surgery Residency: Georgetown University, Washington, DC, 1996-2002

Nerve Surgery Fellowship: Nerve Institute, Baltimore, MD, 2002-2003

Board Certification: American Board of Plastic Surgery, 2004-present

#### PRE-CLINICAL ACTIVITIES

#### RESEARCH FELLOW

Jul 1 - Oct 1, 1989 Jul 1 - Oct 1, 1990 Pharma Research Department, Hoffmann-La Roche, Basel, Switzerland

Mentors: Erico Pietro Bonetti, MD (Behavior Sciences) and

Petar Polc, MD (Electrophysiology)

**Project Title:** The *in vivo* effect of the benzodiazepine antagonists on activity of benzodiazepines, high frequency stimulation, proconvulsant drugs, and endozepines on GABAergic inhibition in cat spinal cord.

#### Ph.D. Thesis:

Jul 1,'91 - Sep 24,'94

**Title:** "The effect of benzodiazepines and neurosteroides on the activity of different GABA/benzodiazepin receptor subtypes"

Mentors: <u>Professor Juraj Geber, MD, PhD,</u> Department of Pharmacology School of Medicine, University of Zagreb, Croatia; <u>Professor Petar Polc, MD,</u> Neuroscience Division, Hoffman-La Roche, Basel, Switzerland; and <u>Professor Stefano Vicini, PhD,</u> Department of Physiology, Georgetown, University School of Medicine, Washington, DC

Experimental portion of the PhD Thesis was done at the Georgetown University, Department of Pharmacology (Fidia-Georgetown Institute for the Neurosciences), during post-doctoral fellowship with Drs. Stephano Vicini and Erminio Costa (Jul 1,'91 - Dec 31,'93).

**Project Title:** Molecular mechanism of action of γ-Aminobutyric Acid (GABA), benzodiazepines and neurosteroids on GABAergic inhibition in native and recombinant GABAA receptors. <u>The thesis defense date:</u> September 24, 1994; <u>Promotion date:</u> June 9, 1995, University of Zagreb.

#### RESEARCH ASSOCIATE

Jan 1,'94 - Jun 30,'96

Department of Surgery, Georgetown University Hospital, Washington, DC **Mentors:** Richard F. Neville, MD and Martin Morad, PhD **Project Title: a)** The electrophysiological characterization of functional properties of ion channels in human atherosclerotic and hyperplasic vascular smooth muscle cells; **b)** The arrhythmogenic modulatory effect of antihistamines or hypokalimia on modulation of K<sup>+</sup> ion channels in rat

and guinea pig cardiac myocytes; **c**) The role of prolonged Q-T interval on arrhythmogenesis observed in female patients (Prof. Dr. Martin Morad).

#### CLINICAL / RESIDENCY

	Integrated Program in Plastic Surgery Georgetown University Hospital (6/1996 – 6/2002)
Jun 24,'96 - Jun 30,'97	Junior Resident ( <b>PGY-1</b> ): Department of Surgery, Georgetown University Hospital, Washington, DC
Jul 1,'97 - Jun 30,'98	Resident ( <b>PGY-2</b> ): Department of Surgery, Georgetown University Hospital, Washington, DC
Jul 1,'98 - Jun 30,'99	Senior Resident ( <b>PGY-3</b> ): Department of Surgery, Georgetown University Hospital, Washington, DC
Jul 1,'99 - June 30,'00	Plastic Surgery Resident ( <b>PGY-4</b> ): Division of Plastic Surgery Georgetown University Hospital, Washington, DC
Jul 1,'00 - June 30,'01	Plastic Surgery Senior Resident ( <b>PGY-5</b> ): Division of Plastic Surgery Georgetown University Hospital, Washington, DC
Jul 1,'01 - June 30,'02	Plastic Surgery Chief Resident ( <b>PGY-6</b> ): Division of Plastic Surgery Georgetown University Hospital, Washington, DC

## **NERVE SURGERY FELLOWSHIP**

Jul 1,'02 - June 30,'03 Institute for Peripheral Nerve Surgery; Baltimore, MD;

Mentor: A Lee Dellon, MD, FACS

## **ACADEMIC APPOINTMENTS**

November 20, 2014 – present	Professor of Surgery (Clinical)  The George Washington University
July 1, 2010 – April 28, 2014	Professor, Plastic Surgery & Neurosurgery, Georgetown University Hospital
Sept 12, 2006 - June 30, 2010	Associate Professor, Department of Plastic Surgery, Georgetown University Hospital
Aug 1 2003 - Sept 11, 2006	Assistant Professor, Department of Plastic Surgery, Georgetown University Hospital

#### **MEDICAL STAFF APPOINTMENTS**

Feb 3, 2014 - present	Inova Alexandria & Fairfax Hospitals
Feb 2, 2014 - present	MarinMed Clinic, Dubrovnik, EU
May 2, 2016 - present	Inova McLean Amb.Surg.Ctr, VA

#### **EXECUTIVE APPOINTMENTS**

Jan 2, 2017 - present Medical Director, Axogen Inc.

#### **LICENSES**

Virginia: 0101219594 (Active, Issued 7/1999)

Maryland: D0058107 (Inactive, Issued 10/2001)

District of Columbia: MD 31470 (Inactive, Issued 4/1999)

Croatia (EU) 19680 (Active, Issued 2/2014)

#### JOURNAL EDITORIAL/REVIEW BOARD (Past)

Plastic and Reconstructive Surgery, Annals of Plastic Surgery, Microsurgery

#### **MEMBERSHIPS**

- American Association of Plastic Surgeons (AAPS)
- American Society of Plastic Surgeons (ASPS)
- American Society for Peripheral Nerve (ASPN)
- American Society for Reconstructive Microsurgery (ASRM)
- Northeastern Society of Plastic Surgeons (NESPS)
- National Capital Society of Plastic Surgeons (NCSPS)
- Croatian Society of Plastic, Reconstructive & Aesthetic Surgeons (CSPRAS)
- Association of Extremity Nerve Surgeons (AENS)

## GEORGETOWN UNIVERSITY / HOSPITAL COMMITTEES

-	Director, Peripheral Nerve Surgery Institute	8/1/2003 - 4/28/2014
-	Credentials Committee	7/7/2005 - 4/28/2014
-	Risk Management Committee	6/1/2008 - 4/28/2014
-	Quality and Safety Executive Council	7/1/2008 - 6/30/2012
-	Plastic Surgery Student Clerkship Director	7/1/2005 - 6/30/2011
-	Committee on Medical Education	7/1/2006 - 7/30/2009
-	Patient Safety Committee	7/1/2005 - 6/30/2008

## **LANGUAGES**

English, Croatian

#### **CITIZENSHIP**

**PLACE OF BIRTH** 

**USA** 

CROATIA, EU

#### NATIONAL COMMITTEES

- President, American Society for Peripheral Nerve; 2011-2012
- President-Elect, American Society for Peripheral Nerve; 2010
- Vice-President, American Society for Peripheral Nerve; 2009
- Secretary, American Society for Peripheral Nerve (ASPN) 2007, 2008
- President, National Capital Society of Plastic Surgeons; 2018
- President-Elect, National Capital Society of Plastic Surgeons; 2017
- Vice-President, National Capital Society of Plastic Surgeons; 2016
- Secretary, National Capital Society of Plastic Surgeons; 2015
- Chair, Nominating Committee, American Society for Peripheral Nerve; 2012
- Chair, Educational Committee, American Society for Peripheral Nerve; 2010
- Nominating Committee, American Society for Peripheral Nerve; 2010, 2013, 2014
- Scientific Program Committee, American Society for Peripheral Nerve; 2010
- Council Member American Society for Peripheral Nerve; 2006-2009
- Finance Committee Chair ASPN 2009
- Time and Place Committee ASPN 2007, 2008; Chair 2012
- Technical Exhibits Committee ASPN 2005-2007
- Chair, Scientific Program Committee ASPN 2005
- Program Committee American Society for Peripheral Nerve 2004
- Membership Committee ASPN 2004-2009; Chair 2010
- Newsletter Committee (Associate Editor) ASPN; 2004-2006

#### **AWARDS-GRANTS**

- Outstanding Faculty Teacher, Georgetown University Hospital, 2006
- Outstanding Resident Teacher, Georgetown University Hospital, 2002
- American Heart Association Research Grant RX4350-605 (1996-1997)

#### **PATENTS**

US20200155156A1: Materials & Methods for Nerve Repair with Animal-Sourced Grafts; May 21, 2020

#### **PUBLICATIONS**

#### 1. Polc P, I Ducic

Afferent Stimulation Frequency Modulates GABAergic Phenomena in the Spinal Cord: Reversal by Benzodiazepine Antagonists. *Brain Research*, 531:286-298, 1990

#### 2. Polc P, I Ducic

Benzodiazepine Antagonist Flumazenil Reduces Bicuculline- induced Enhancement of Neuronal Activity in the Spinal Cord. *Neuropharmacology*, 30:107-111, 1991

#### 3. Puia G, **Ducic I**, Vicini S, E Costa

Molecular Mechanisms of the Partial Allosteric Modulatory Effects of Benzodiazepine on GABAA Receptor. *Proc. Natl. Acad. Sci. USA*, 89:3620-3624, 1992

#### 4. **Ducic I**, Puia G, Vicini S, E Costa

Triazolam is More Efficacious Than Diazepam in a Broad Spectrum of Recombinant GABAA Receptors. *Eur. J. Pharmacology*, 244:29-35, 1993

#### 5. Puia G, **Ducic I**, Vicini S, E Costa

Does Neurosteroid Modulatory Efficacy Depend on GABAA Receptor Subunit Composition? *Receptors & Channels*, 1:135-142, 1993

#### 6. Guisti P, **Ducic I**, Puia G, Walser A, Guidotti A, E Costa

Imidazenil: A New Partial Positive Allosteric Modulator of γ-Aminobutyric Acid (GABA) Action at GABAA Receptors. *J. Pharm. Exp. Ther.*, 266:1018-1028, 1993

#### 7. **Ducic I**, Vicini S, E Costa

GABA Gating of Cl<sup>-</sup> Channels in Recombinant GABA<sub>A</sub> Receptors *J. Pharm. Exp. Ther.*, 272:438-445, 1995

#### 8. Silverman PM, Roberts S, **Ducic I**, Tefft MC, RK Zeeman

Assessment of a Technology That Permits Individualized Scan Delay on Helical Hepatic CT: A Technique to Improve Efficiency in The Use of Contrast Material. *Am. J. Renthgenology*, 167:771-776, 1996

#### 9. **Ducic I**, Ko CM, Suba Y, M Morad

Comparative Effects of Loratadine and Terefnadine on Cardiac K<sup>+</sup> Channels. *J. Cardiovascular Pharmacology*, 30:42-54, 1997

- 10. <u>Ko CM, **Ducic I**, Fan J, YM Shuba, M Morad</u> Suppression of Mammalian K<sup>+</sup> Channel Family by Ebastine *J. Pharm. Exp. Ther.*, 281:233-244, 1997
- 11. <u>Liu XK, Katchman A, Drici MD, Erbert SN, **Ducic I,** Morad M, RL Woosley</u>
  Gender Difference in the Cycle Length-Dependent QT and
  Potassium Currents in Rabbits *J. Pharm. Exp. Ther.*, 285:672-679, 1998
- 12. <u>Silverman PM, Kohan L, **Ducic I**, Javadi S, Meyer C, Cooper C, RK Zeeman</u> Imaging of the Liver with Helical CT: A Survey of Scanning Technique. *Am. J. Renthgenology*, 170:149-152, 1998
- 13. <u>Attinger CE, **Ducic I**, C Zelen</u>
  The Use of Local Muscle Flaps in Foot and Ankle Reconstruction
  Clin Podiatr Med Surg, 17:681-711, 2000
- 14. Spear S, Giese S, I Ducic
  Concentric Mastopexy Revisited
  Plastic & Reconstructive Surgery, 107:1294-1299, 2001
- 15. Attinger CE, **Ducic I**, Neville RF, Abbruzzese M, Gomes M, AN Sidawy
  The Relative Roles of Aggressive Wound Care vs.Revascularization in Salvage
  of the Threatened Lower Extremity in the Renal Failure Diabetic Patient.

  Plastic & Reconstructive Surgery, 109:1281-1290, 2002
- 16. <u>Ducic I. Avshalom A, Rising W, A Munster</u>
  Toxic Epidermal Necrolysis: An Algorithm for Prognosis and Treatment
  Plastic & Reconstructive Surgery, 110:768-773, 2002
- 17. <u>Attinger CE, **Ducic I**, Cooper P, C Zelen</u>
  The Role of Intrinsic Muscle Flaps of the Foot for Bone Coverage in Foot and Ankle Defects in Diabetic and Nondiabetic Patients

  Plastic & Reconstructive Surgery, 110:1047-1054, 2002
- 18. <u>Ducic I, Davison SP, Woll S, K Picken</u>
  Maxillary Myxoma: Reconstruction with Vascularized Temporal Bone Graft
  Otolaryngology-Head and Neck Surgery, 128:426-427, 2003
- 19. <u>Ducic I, Maloney C, Barrett SL, AL Dellon</u>
  Perioperative Epidural Blockade in the Management of Post-Traumatic
  Complex Pain Syndrome of the Lower Extremity *Orthopedics*, 26:641-644, 2003
- 20. Spear S, Carter ME, Low M, Ducic I, J Schwartz
  Sickle Cell Trait: A Risk Factor for Flap Necrosis.

  Plastic & Reconstructive Surgery, 112:697-698, 2003

#### 21. <u>Dellon AL, L Shookster, Maloney C, I Ducic</u>

Diagnosis of Compressive Neuropathies in Patients with Fibromyalgia. *Journal of Hand Surgery*, 28:894-897, 2003

#### 22. Spear S, Low M, I Ducic

Revision Augmentation Mastopexy: Indications, Operations and Outcomes *Annals of Plastic Surgery*, 51:540-546, 2003

#### 23. **Ducic I,** AL Dellon

Testicular Pain After Inguinal Hernia Repair: An Approach to Resection of the Genital Branch of Genitofemoral Nerve. Journal of American College of Surgeons, 198:181-844, 2004

## 24. <u>Spear S, Howard MA, Boehmler JH, **Ducic I**, Low M Abruzzesse MR</u>

The infected or exposed breast implant: management and treatment strategies *Plastic & Reconstructive Surgery*, 113:1634-1644, 2004

#### 25. <u>Dellon AL, Kim J, I Ducic</u>

Painful Neuroma of the Posterior Cutaneous Nerve of the Forearm After Surgery for Lateral Humeral Epicondylitis. *Journal of Hand Surgery*, 29:387-390, 2004

#### 26. **Ducic I,** Short KW, AL Dellon

Relationship Between Loss of Pedal Sensibility, Balance, and Falls in Patients With Peripheral Neuropathy

Annals of Plastic Surgery, 52:535-540, 2004

#### 27. <u>Shookster L, GI Falke, **Ducic I,** CT Maloney, AL Dellon</u>

Fibromyalgia and the Tinel's Sign in the Foot. Journal of American Podiatric Medicine, 94:400-403, 2004

#### 28. Spear S, Davison S, I Ducic

Superomedial Pedicle Reduction with Short Scar. *Seminars in Plastic Surgery*, 18:203-210, 2004

#### 29. Spear S, Ducic I, Low M, F Cuoco

The Effect of Radiation on Pedicled TRAM Flap Breast Reconstruction: Outcomes and Implications

Plastic & Reconstructive Surgery, 115:84-95, 2005

#### 30. **Ducic I,** CT Maloney, AL Dellon

Reconstruction of the Spinal Accessory Nerve with Autograft or Neurotube? *J Reconstructive Microsurgery*, 21:29-33, 2005

#### 31. **Ducic I,** Dellon AL, E. Larson

The Treatment Concepts for Idiopathic and Iatrogenic Femoral Nerve Mononeuropathy *Annals of Plastic Surgery*, 55:397-401, 2005

#### 32. Spear S, Ducic I, Low M, F Cuoco

The Effect of Smoking on Flap and Donor-Site Complications in Pedicled TRAM Breast Reconstruction Plastic & Reconstructive Surgery, 116:1873-1880, 2005

#### 33. **Ducic I**, Spear S, Cuoco D, C Hannan

Safety and risk factors for breast reconstruction with pedicled transverse rectus abdominis musculocutaneous flaps: a 10-year analysis *Annals of Plastic Surgery*, 55:559-564, 2005

#### 34. **Ducic I, Dellon AL, NS Taylor**

Decompression of the Lateral Femoral Cutaneous Nerve In the Treatment of Meralgia Paresthetica *J Reconstructive Microsurgery*, 22:113-118, 2006

#### 35. **Ducic I,** Dellon AL, DP Bogue

Radial Sensory Neurotization of Thumb and Index for Prehension After Proximal Median and Ulnar Nerve Injuries *J Reconstructive Microsurgery*, 22:73-78, 2006

#### 36. **Ducic I,** Taylor NS, AL Dellon

Relationship Between Peripheral Nerve Decompression and Gain of Pedal Sensibility and Balance in Patients with Peripheral Neuropathy *Annals of Plastic Surgery*, 56:145-150, 2006

#### 37. Dellon AL, **Ducic I**, R Dejesus

The innervation of the medial humeral epicondyle: implications for medial epicondylar pain. *J Hand Surgery [Br]*, 31B:331-333, 2006

#### 38. **Ducic I**, Dellon AL, S. Chang

The Use of Tourniquet in Reconstructive Surgery on Patients with Previous Ipsilateral Lower Extremity Revascularization: Is it safe? *J Reconstructive Microsurgery*, 22:183-189, 2006

#### 39. **Ducic I,** Dellon AL, KS Graw

The Clinical Importance of Variations In the Surgical Anatomy of the Superficial Peroneal Nerve In the Mid-Third of the Lateral Leg Annals of Plastic Surgery, 56:635-638, 2006

#### 40. Attinger CE, **Ducic I**, Hess CL, Abbruzzesse M, Cooper P

Outcome of Skin Graft Versus Flap Surgery in the Salvage of the Exposed Achilles Tendon in Diabetics versus Nondiabetics. *Plastic & Reconstructive Surgery*, 117:2460-2467, 2006

#### 41. **Ducic I,** Moxley M, A Al-Attar

Algorithm for Treatment of Post-Operative Incisional Groin Pain After Cesarean or Hysterectomy *Obstetrics & Gynecology*, 108:27-31, 2006

#### 42. **Ducic I**, Hung V, AL Dellon

Innervated Free Flaps for Foot Reconstruction: A Review *J Reconstructive Microsurgery*, 22:427-436, 2006

#### 43. **Ducic I**, E Larson

Outcomes of Surgical Treatment for Chronic Postoperative Breast and Abdominal Pain Attributed to the Intercostal Nerve *Journal of American College of Surgeons*, 203:304-310, 2006

#### 44. Spear S, **Ducic I**, Cuoco F, N Taylor

The Effect of Obesity on Flap and Donor-Site Complications in Pedicled TRAM Breast Reconstruction *Plastic & Reconstructive Surgery, 119:788-795, 2007* 

#### 45. <u>Davison SP, Mesbahi A, **Ducic I**, Sarcia M, Dayan J, S Spear</u>

The Versatility of the Superomedial Pedicle With Various Skin Reduction Patterns *Plastic & Reconstructive Surgery, 120:1466-1476, 2007* 

#### 46. **Ducic I**, Mesbahi A, Attinger CE, KS Graw

Treatment of Patients With Amputation Stump Chronic Pain: The Role of Peripheral Nerve Surgery Plastic & Reconstructive Surgery, 121:908-914, 2008

#### 47. **Ducic I**, J West

Management of Chronic Post-Operative Groin Pain Annals of Plastic Surgery, 60:294-298, 2008

#### 48. Dellon AL, Mont M, I Ducic

Involvement of the Lateral Femoral Cutaneous Nerve as Source of Persistent Pain Following Total Hip Arthroplasty

The Journal of Arthroplasty, 23:480-485, 2008

#### 49. **Ducic I,** E Larson

Post Traumatic Headache: Surgical Management of Supraorbital Neuralgia *Plastic & Reconstructive Surgery, 121:1943-1948, 2008* 

#### 50. **Ducic I**, Mafi A, Attinger CE, Cauch K, A Al-Attar

The Role of Peripheral Nerve Surgery in Management of Painful Chronic Wounds: Indications and Outcomes *Plastic & Reconstructive Surgery, 122:193-197, 2008* 

#### 51. Cornell RS, I Ducic

Painful diabetic neuropathy. Clin Podiatr Med Surg., 25:347-360, 2008

#### 52. **Ducic I,** Dayan J, Attinger CA, P Curry

Complex Perineal and Groin Wound Reconstruction Using the Extended Dissection Technique of the Gracilis Flap *Plastic & Reconstructive Surgery*, 122:472-478, 2008

53.	Ducic I,	J West
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A Modified Approach to Sural Nerve Biopsy: Minimizing Complications Annals of Plastic Surgery, 62:220-222, 2009

- 54. Neville RF, Attinger CE, Bulan EJ, **Ducic I**, Thomassen M, A Sidawy Revascularization of a Specific Angiosome for Limb Salvage: Target Matters Annals of Vascular Surgery, 23:367-373, 2009
- 55 **Ducic I,** Moriarty M, A Al-Attar Anatomical Variations of the Occipital Nerves: Implications for the

Treatment of Chronic Headaches

Plastic & Reconstructive Surgery, 123:859-863, 2009

56. Ducic I, Hartmann E, E Larson

> Indications and Outcomes for Surgical Treatment of Patients with Chronic Migraine Headaches Due to Occipital Neuralgia Plastic & Reconstructive Surgery, 123:1453-1461, 2009

57. Ducic I, A Al-Attar

> Peripheral Nerve Tumors: Treatment Algorithm and Reconstructive Options Annals of Plastic Surgery, 63:156-161, 2009

58. **Ducic I,** Rao SS, CE Attinger

> Outcomes of Microvascular Reconstruction of Single Vessel Lower Extremities: Limb Salvage vs. Amputation J Reconstructive Microsurgery, 25:475-478, 2009

59. **Ducic I,** Levin M, Larson E, A Al-Attar

> Management of chronic leg and knee pain following surgery or trauma related to saphenous nerve and knee neuromata Annals of Plastic Surgery, 64:35-40, 2010

60. **Ducic I,** Iorio ML, A Al-Attar

> Chronic Headaches/Migraines: Extending Indications for Breast Reduction Plastic & Reconstructive Surgery, 125:44-49, 2010

- 61. Janis JE, Hatef DA, **Ducic I**, Ahmad J, Wong C, Hoxworth RE, TM Osborn Anatomy of the Auriculotemporal Nerve: Variations in its Relationship to the Superficial Temporal Artery and Implications for the Treatment of Migraine Headaches Plastic & Reconstructive Surgery, 125:1422-1428, 2010
- 62. Ducic I, Mohan R, Endara M, A Al-Attar Routine Histologic Evaluation of Neuroma Specimens: Is There a Rationale? J Reconstructive Microsurgery, 26:497-500, 2010
- 63. Janis JE, Hatef DA, Ducic I, Reece EM, Hamawy AH, Becker S, B Guyuron The Anatomy of the Greater Occipital Nerve: Compression Point Topography Plastic & Reconstructive Surgery, 126:1563-1572, 2010

#### 64. **Ducic I**, Endara M, Al-Attar A, Q Humair

Minimally Invasive Peripheral Nerve Surgery: A Short Scar Technique Microsurgery, 30:622-626, 2010

#### 65. **Ducic I**, Felder JM III, ML Iorio

The Role of Peripheral Nerve Surgery in Diabetic Limb Salvage *Plastic & Reconstructive Surgery*, 127:1S:261S-269S, 2011

#### 66. **Ducic I**, Iorio ML, L Seiboth

Chronic Post-operative Breast Pain: Danger Zones for Nerve Injuries *Plastic & Reconstructive Surgery*, 127:41-46, 2011

#### 67. **Ducic I**, Hill L, Maher P, A Al-Attar

Perioperative Complications in Patients Undergoing Peripheral Nerve Surgery: Improving Patient's Outcomes

Annals of Plastic Surgery, 66:69-72, 2011

#### 68. **Ducic I**, ML Iorio,

Modified Approach for Lateral Femoral Cutaneous Nerve Decompression in Patients with Meralgia Paresthetica *Plastic & Reconstructive Surgery*, 127:82e-83e, 2011

#### 69. **Ducic I**, CE Attinger

Foot and Ankle Reconstruction: Pedicled Muscle Flaps vs. Free Flaps and the Role of Diabetes

Plastic & Reconstructive Surgery, 128:173-180, 2011

#### 70. **Ducic I**, Brown B, S Rao

Lower Extremity Free Flap Reconstruction Outcomes Using Venous Coupler *Microsurgery, 31:360-364, 2011* 

#### 71. Iorio ML, Felder JM III, I Ducic

Anterior Branch of the Obturator Nerve a Novel Motor Autograft for Complex Peripheral Nerve Reconstruction

Annals of Plastic Surgery, 67:260-262, 2011

#### 72. **Ducic I**, Felder JM III, J. Janis

Occipital Artery Vasculitis not Identified as a Mechanism of Occipital Neuralgia *Plastic & Reconstructive Surgery, 128:908-912, 2011* 

#### 73. **Ducic I**, JM Felder III

Minimally Invasive Peripheral Nerve Surgery: Peroneal Nerve Neurolysis *Microsurgery*, 32:26-30, 2012

#### 74. **Ducic I**, Fu R, ML Iorio

Innovative Treatment of Peripheral Nerve Injuries: Combined Reconstructive Concepts

Annals of Plastic Surgery, 68:180-187, 2012

#### 75. **Ducic I**, JM Felder, HS Quadri

Common Nerve Decompressions of the Upper Extremity: Reliable Exposure Using Shorter Incisions

Annals of Plastic Surgery, 68:606-609, 2012

#### 76. **Ducic I**, JM Felder, M Endara

Postoperative Headache Following Acoustic Neuroma Resection: Occipital Nerve Injuries are Associated with a Treatable Occipital Neuralgia *Headache*, 52:1136-1145, 2012

77. Dellon AL, Muse VL, Scott ND, Akre T, Anderson SR, Barret SL, Biddinger KR, Bregman PJ, Bullard BP, Dauphinee DM, DeJesus JM, <u>DeJesus RA</u>, <u>Ducic I</u>, <u>Dunkerly J, Galina MR, Hung V, Ichtertz DR</u>, Kutka MF, Jacoby RP, Johnson JB, Mader DW, Maloney CT Jr, Mancuso PJ, Martin RC, Martin RF, McDowel BA, Rizzo VJ, Rose M, Rosson GD, Shafiroff BB, Steck JK, Stolarski RG, Swier P, Wellens-Bruschayt TA, Wilke B, Williams EH, Wood MA, Wood WA, Younes MP, Yuksel F.

A Positive Tinel Sign as Predictor of Pain Relief or Sensory Recovery After Decompression of Chronic Tibial Nerve Compression in Patients with Diabetic Neuropathy

J Reconstr Microsurgery, 28:235-240, 2012

78. Dellon AL, Muse VL, Nickerson DS, Akre T, Anderson SR, Barrett SL, Biddinger KR, Bregman PJ, Bullard BP, Dauphinee DM, DeJesus JM, <u>DeJesus RA, Ducic I, Dunkerly J, Galina MR, Hung V, Ichtertz DR, Kutka MF, Jacoby RP, Johnson JB, Mader DW, Maloney CT Jr, Mancuso PJ, Martin RC, Martin RF, McDowel BA, Rizzo VJ, Rose M, Rosson GD, Shafiroff BB, Steck JK, Stolarski RG, Swier P, Wellens-Bruschayt TA, Wilke B, Williams EH, Wood MA, Wood WA, Younes MP, Yuksel F.</u>

Prevention of Ulceration, Amputation and Reduction of Hospitalization: Outcomes of a Prospective Multicenter Trial of Tibial Neurolysis in Patients with Diabetic Neuropathy

J. Reconstr Microsurgery, 28:241-246, 2012

#### 79. Patel K, Seruya M, Franklin B, Attinger CE, I Ducic

Factors Associated with Failed Hardware Salvage in High-Risk Patients Following Microsurgical Lower Extremity Reconstruction Annals of Plastic Surgery, 69:399-402, 2012

#### 80. **Ducic I,** JM Felder

Tibial Nerve Decompression: Reliable Exposure Using Shorter Incisions *Microsurgery*, 32:533-538, 2012

#### 81. <u>Iorio ML, Endara M, I Ducic</u>

Reduction Mammaplasty in Patients with a Medialized Nipple Areola Complex: Modification of the Superomedial Dermoglandular Pedicle and Skin Pattern *Plastic & Reconstructive Surgery*, 131:302e-3e, 2013

#### 82. Endara M, **Ducic I**, CE Attinger

Free Tissue Transfer for Limb Salvage in High Risk Patients: Worth the Risk Adv. Wound Care, 2:63-68, 2013

#### 83. **Ducic I,** Felder JM III

Peripheral Nerve Surgery for the Treatment of Post-Herpetic Neuralgia *Annals of Plastic Surgery*, 71:384-385, 2013.

#### 84. **Ducic I**; Felder JM III, Khan N, S Youn

Greater Occipital Nerve Excision for Occipital Neuralgia Refractory to Nerve Decompression

Annals of Plastic Surgery, 72:184-187, 2014

#### 85. Patel KM, Economides JM, Franklin B, Attinger CE, I Ducic

Correlating Patient-Reported Outcomes and Ambulation Success Following Microsurgical Lower Extremity Reconstruction in Comorbid Patients *Microsurgery*, *34*:1-4, 2014

#### 86. Janis JE, Barker JC, Javadi C, **Ducic I**; Hagan R, B Guyuron

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#### **INSTRUCTIONAL COURSES:**

- 1. Lab: Advanced Lower Extremity Peripheral Nerve Surgery Workshop

  The Institute for Peripheral Nerve Surgery, Baltimore, July 14-17, 2002
- 2. Lab: Advanced Lower Extremity Peripheral Nerve Surgery Workshop

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- 3. IC: Non-operative and Operative Treatment for Brachial Plexus Injuries

  American Society for Reconstructive Microsurgery & American Society
  for Peripheral Nerve Surgery, Annual Meeting, Hawaii, January 2003
- 4. IC: Lower Extremity Reconstruction Simple Solutions

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- 5. Lab: Local Flaps in Foot and Ankle Reconstruction

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- 6. IC: Neuroma Management: Trunk, Upper and Lower Extremities

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- 10. IC: Peripheral Nerve Surgery: Indications and Algorithms for the Treatment of Compression Peripheral Neuropathies, Post-operative or Post-traumatic Pain and Chronic (Migraine) Headaches

  Georgetown University Hospital, November 13, 2007
- 11. IC: Peripheral Nerve Surgery: Indications and Algorithms for the Treatment of Compression Peripheral Neuropathies, Post-operative or Post-traumatic Pain and Chronic (Migraine) Headaches

  \*Georgetown University Hospital, November 27, 2007\*
- 12. IC: Nerve Surgery: Management of Peripheral Nerve Compression Syndromes Chronic Post-Operative Pain, Nerve Injuries and Chronic Headaches

  \*American Society of Plastic Surgeons, Seattle, October 2009\*

13.	IC: Surgical Treatment of Chronic (Migraine) Headaches  American Society for Peripheral Nerve, Maui, January 2009
14.	IC: Nerve Surgery: Management of Peripheral Nerve Compression Syndromes Chronic Post-Operative Pain, Nerve Injuries and Chronic Headaches American Society of Plastic Surgeons, Toronto, October 2010
15.	Live Surgery: Lower Extremity Nerve Decompressions Diabetic Limb Salvage, Washington, October 2010
16.	IC: Surgical Treatment of Chronic Migraine headaches Georgetown Community Lecture, Washington, November 2010
17.	IC: Lower Extremity Nerve Decompression in Diabetic Patient American Society for Peripheral Nerve, Cancun, January 2011
18.	IC (MOC-PS): Peripheral Nerve Surgery: Carpal Tunnel, Cubital Tunnel, and Management of Chronic Pain and Migraine/Headaches  American Society of Plastic Surgeons, Denver, September 26, 2011
19.	Lab: Reconstructive Options for Peripheral Nerve Repair: Workshop Cleveland Clinic Microsurgery Lab, Cleveland, September 29, 2011
20.	Lab Reconstruction Options for Peripheral Nerve Repair: Workshop Curtis Hand Center Lab & AxoGen, Baltimore, November 7, 2011
21.	IC: Controversies in Management of Complex Regional Pain Syndromes: Surgery vs. Non-Operative Treatment Options  American Society for Peripheral Nerve, Las Vegas, January 2012
22.	Lab: Reconstructive Options for Peripheral Nerve Repair: Workshop Hartford Hand Group & AxoGen, Hartford, May 10, 2012
23.	IC: Nerve Reconstruction: Approach to Bridging the Gap for Nerve Repair World Society for Reconstructive Microsurgery, Chicago, July 14, 2013
24.	IC: Peripheral Nerve Surgery: Carpal Tunnel and Cubital Tunnel American Society of Plastic Surgeons, San Diego, October 14, 2013
25.	IC: Nerve Reconstruction: Approach to Bridging the Gap and End to Side Nerve Repair  World Society for Reconstructive Microsurgery, Chicago, July 14, 2013
26.	IC: Peripheral Nerve Surgery: Treatment of Carpal Tunnel, Cubital Tunnel, Chronic Pain, Neuralgia, Headaches & Migraines  American Society of Plastic Surgeons, San Diego, October 14, 2013

IC: Peripheral Nerve Surgery: Carpal Tunnel and Cubital Tunnel

American Society of Plastic Surgeons, Chicago, October 13, 2014

27.

28.	Lab: Techniques for Management of Oral and Dental Surgery Injuries Oral-Maxillo-Facial AxG Meeting, Dallas, November 8, 2014
29.	IC: Chronic Pain Syndromes American Society for Peripheral Nerve, Bahamas, January 25, 2015
30.	Lab: Foot and Ankle Nerve Injuries & Reconstructive Options Foot & Ankle AxG Nerve Workshop, Chicago, July 31, 2015
31.	Lab: Upper Extremity Nerve Injuries & Reconstructive Options University of California, UE AxG Nerve Workshop, San Diego, Aug 6, 2015
32.	Lab: Upper Extremity Nerve Injuries & Reconstructive Options UE AxG Nerve Workshop, Chicago, October 24, 2015
33.	Lab: Dental and Oral Surgery Nerve Injuries: Treatment Options OMF AxG Workshop, Atlanta, November 6, 2015
34.	Lab: Upper Extremity Nerve Injuries & Reconstructive Options  Hand Surgery Fellows AxG Form, University of Pennsylvania, Phil., Nov 13, 2015
35.	IC: Carpal Tunnel Syndrome: Indications for Non-Operative Treatment: Evidence for Surgical Procedures and Postoperative Care  *American Society for Peripheral Nerve, Scottsdale, January 16, 2016*
36.	Lab: State-of-the-Art Nerve Repair: A Hands-On Experience for Residents & Fellows American Association for Hand Surgery, Scottsdale, January 14, 2016
37.	Lab: Peripheral Nerve Repair in Your Practice  AxG Advances in Upper Extremity Nerve Surgery, Orlando, February 28, 2016
38.	Peripheral Nerve Repair in Your Practice  AxG Lab Module: Advances in Nerve Surgery, Las Vegas, March 19, 2016
39.	Lab: Advanced Techniques for Nerve Repair  AxG Anatomy Lab, University of Lausanne, Switzerland, May 6, 2016
40.	IC: Comprehensive Evaluation and Treatment of Upper Extremity Compression Neuropathies  American Society of Plastic Surgeons, Los Angeles, September 24, 2016
41.	IC: Management of Chronic Pain due to Post-Traumatic and Post-Operative Neuromas American Society for Peripheral Nerve, Kona, HI, January 14, 2017

Lab: Application of New Techniques and Technologies for Nerve Repair

AxG Anatomy Lab, University of Lausanne, Switzerland, May 5, 2017

42.

43.	Lab: Advanced Surgical Techniques for Traumatic Nerve Injuries AxG Nerve Surgery Symposium & Workshop, Denver, July 29, 2017
44.	Lab: Upper Extremity Surgical Techniques for Nerve Repair AxG Best Nerve Practices, Boston, September 23, 2017
45.	IC: Comprehensive Evaluation and Treatment of Compression Neuropathies  American Society of Plastic Surgeons, Orlando, October 9, 2017
46.	Lab: Breast Neurotization: New Technique Aim to Minimize Complications  Breast Reconstruction, Alicante, Spain, October 20, 2017
47.	Lab: Advanced Surgical Techniques for Upper Extremity Nerve Injuries AxG Best Nerve Practices, San Francisco, November 3, 2017
48.	Lab: Advanced Surgical Techniques for Upper Extremity Nerve Injuries AxG Best Nerve Practices, Indianapolis, November 10, 2017
49.	Lab: Advanced Surgical Techniques for Nerve Repair  AxG Best Nerve Practices, Pittsburgh, December 9, 2017
50.	IC: Surgical Management of Chronic Headaches, Migraines & Neuralgia Pain American Society for Peripheral Nerve, Phoenix, January 13, 2018
51.	Lab: Dental and Oral Surgery Nerve Injuries  OMF AxG Workshop, Orlando, February 10, 2018
52.	Lab: Technique and Reconstructive Options for Nerve Injuries AxG Best Nerve Practices, San Francisco, February 17, 2018
53.	Lab: Advanced Surgical Techniques for Nerve Repair AxG Best Nerve Practices, New York, February 24, 2018
54.	Live Surgery: Breast Neurotization for Restoration of Breast Sensibility in Breast Cancer Patients who had Mastectomy & Breast Reconstruction Barcelona Breast Meeting, Barcelona, March 8, 2018
55.	Lab: Advanced Surgical Techniques for Nerve Repair AxG Best Nerve Practices, Las Vegas, April 7, 2018
56.	Lab: Advanced Surgical Techniques for Nerve Repair AxG Best Nerve Practices, Chicago, April 14, 2018
57.	Lab: Surgical Techniques for Lower Extremity Nerve Injuries  Midwest Podiatry Conference, Chicago, April 20, 2018
58.	Lab: Advanced Surgical Techniques for Nerve Repair  AxG Best Nerve Practices, New York, May 6, 2018

59.	Lab: Advanced Surgical Techniques for Nerve Repair  AxG International Nerve Course, Vienna, Austria, May 12, 2018
60.	Lab: Advanced Surgical Techniques for Nerve Repair AxG Best Nerve Practices, Miami, May 19, 2018
61.	Lab: Nerve Repair for Nerve Injuries after Oral and Dental Procedures Righospitalet, Copenhagen, Denmark, June 13, 2018
62.	Lab: Advanced Surgical Techniques for Nerve Repair  AxG Best Nerve Practices, New York, August 25, 2018
63.	Lab: Advanced Surgical Techniques for Nerve Repair  AxG Fellows Course, Philadelphia, September 22, 2018
64.	IC: Carpal Tunnel Surgery: Evidence Review & Management of Median Nerve Injuries  American Society of Plastic Surgery, Chicago, September 29, 2018
65.	Lab: Advanced Surgical Techniques for Nerve Repair  AxG Advanced Nerve Course, Chicago, October 21, 2018
66.	Lab: Advanced Surgical Techniques for Nerve Repair  AxG Advanced Nerve Course, San Diego, November 3, 2018
67.	Lab: Advanced Surgical Techniques for Nerve Repair  AxG Boston Nerve Fellows Course, Boston, November 17, 2018
68.	Lab: Advanced Surgical Techniques for Nerve Repair  AxG Miami Advanced Nerve Course, Miami, December 2, 2018
69.	Lab: Advanced Surgical Techniques for Nerve Repair  AxG Fellows Nerve Course, Fort Lauderdale, February 17, 2019
70.	Lab: Advanced Surgical Techniques for Nerve Repair  AxG Trauma Nerve Course, Orlando, February 23, 2019
71.	Lab: Advanced Surgical Techniques for Nerve Repair  AxG UE Nerve Course, Chicago, April 26, 2019
72.	Lab: Advanced Surgical Techniques for Nerve Repair  AxG Breast Re-Sensation Course, Nashville, May 18, 2019
73.	Lab: Advanced Surgical Techniques for Nerve Repair  AxG UE Nerve Course, Phoenix, May 31, 2019
74	Webinar: Surgical Treatment of Neuroma

DocMatter Webcast: July 14, 2019

75.	Lab: Advanced Surgical Techniques for Nerve Repair  AxG Advanced Nerve Course, Baltimore, September 29, 2019
76.	Lab: Advanced Surgical Techniques for Nerve Repair  AxG Nerve Fellows Course, Pittsburgh, October 13, 2019
77.	Lab: Advanced Surgical Techniques for Nerve Repair  AxG Advanced Nerve Course, San Francisco, November 8, 2019
78.	Lab: Advanced Surgical Techniques for Nerve Repair  AxG International Nerve Course, Vienna, Austria, November 15, 2019
79.	Lab: Advanced Surgical Techniques for Nerve Repair  AxG Mixed & Motor Nerve Course, New Orleans, February 9, 2020
80.	Lab: Advanced Surgical Techniques for Nerve Repair  AxG H&N/OMF Advanced Nerve Course, Chicago, March 7, 2020

#### **MEDIA** REPORTS & INTERVIEWS

Peripheral Nerve Surgery: Exploring New Frontiers of Pain Relief

Georgetown Physician Update, Vol 2, Issue 5, March/April 2004

The Georgetown Star, May 2004

Advances In Peripheral Nerve Surgery Help Relieve Chronic Post-Operative Pain Georgetown Physician Update, May/June 2005

Peripheral Nerve Surgery: Treatment Option for Occipital Neuralgia and Migraine Headache Channel 7 @ 5PM News Report, May 7, 2005

Resolving the Mystery of Headaches

Georgetown Physician Update, Vol 3, Issue 2, May/June 2006 The Georgetown Star, May 2006 MyGeorgetwonMD, July 2006

Peripheral Nerve Surgery Restores Arm and Leg Function in a Colleague Student NBC News @ 11PM New, August 2, 2006

Peripheral Nerve Surgery Continues to Grow at Georgetown

The Georgetown Star, December 2006

Peripheral Nerve Surgery: Patients Find Pain Relief at Georgetown

Georgetown Physician Update, Vol 4, Issue 1, March/April 2007

Treatment of Chronic Migraines

Washington Times, July 31, 2007

Medical Breakthroughs: Revising Nerve Damage

Ivanhoe Broadcast News - Aired at about 45 channels, summer 2007

Breakthrough Medicine – Nerves

Northern Virginia 2008 Top Doctors, February 2008

Surgical Treatment Options for Chronic (Migraine) Headaches *Ivanhoe Broadcast News - Aired at about 40 channels, summer 2008* 

Amputee Stump Pain: Solutions with Peripheral Nerve Surgery *Ivanhoe Broadcast News - Aired at about 40 channels, winter 2008* 

Relief of Chronic Migraine Headaches with Peripheral Nerve Surgery NBC News @, 11 PM News, December 20, 2010

Chronic Migraine Headaches Treatment with Peripheral Nerve Surgery Channel 8 News Talk, June 18, 2012

Post-traumatic and Sports Related Post-Concussion Chronic Migraine & Headaches

Ivanhoe Broadcast News - Aired at about 40 channels, November 2012

Teen Athletes with Post Concussion Headaches Find Relief from Nerve Decompression Surgery

MedStar Georgetown University Hospital Press Release, May 1, 2013

Doctors Use Surgery to Relieve Lingering Concussion Pain

ABC Web News Release, May 3, 2013

http://abcnews.go.com/Health/doctors-surgery-relieve-lingering-concussion-pain/story?id=19095339

New Procedure Relieves Concussion Related Headaches

WTOP Health News, May 20, 2013

http://www.wtop.com/267/3329570/Relieving-concussion-related-headaches-

Sports Related Post-Concussion Headaches: New treatment offered with Surgery

NBC News, June 20, 2103

(http://broadcast.burrellesluce.com/downloads/112012/WRC 06-20-2013 1700.htm) WRC 06-20-2013 1700.wmv

Teen Athletes With Post-Concussion Headaches Find Relief With Nerve Decompression Surgery Georgetown Pediatrics, Summer 2013

Hrvaški mikrokirurg, ki je v ZDA medijska »zvezda«

Medicina DANES, September 18, 2013

Z mikrokirurškim skalpelom nad migreno

Delo, September 26, 2013

Kirurgov boj z migreno

Medicina @ Ljude | Petek, September 27, 2013

Hrvat Svjetski Poznat 'Doctor za Bol'

Slobodna Dalmacija, August 23, 2014

Hrvatski Mikrokirurg koji je u SAD Medijska Zvjezda

Medicina Danas, November 27, 2014

Hrvatska Premijera u Dubrovniku: Lijecenje Migrena Operacijom

Dubrovacki Vjesnik, May 9, 2015

Od Siverica do Washingtona: Ivica Ducic: operirao sam 2750 ljudi koje je razdirala glavobolja

Slobodna Dalmacija, May 10, 2015

Surgery & Chronic Pain

Sirius XM Radio Interview, February 26, 2016

Restoring Breast Sensation, 2019

https://www.resensation.com/breast-reconstruction-and-neurotization-after-mastectomy-blog/restoring-sensation-after-breast-reconstruction-an-interview-with-axogen-medical-director-ivica-ducic-md/.

Avoid Super Bowl 'avocado hand' injuries with these helpful tips

Fox News, February 1, 2020

https://www.foxnews.com/health/avoid-super-bowl-avocado-hand-injuries-helpful-tips

#### **INVITED LECTURES:**

- 1) "Facial Palsy New Advances in Facial Reanimation Options" Fairfax Plastic Surgery Grand Rounds: September 2, 2003
- 2) "Surgical Indications for Treatment of Peripheral Neuropathy" Georgetown University Medicine Grand Rounds: September 4, 2003
- 3) "The Role of Peripheral Nerve Surgery in Management of Neurologic Patients" Georgetown University Neurology Grand Rounds: September 11, 2003
- 4) "The Role of Peripheral Nerve Surgery in Management of Neuropathy Patients" Virginia Hospital Center Medicine Grand Rounds: September 12, 2003
- 5) "Current Options in Management of Patients with Post-operative / traumatic Pain"

  Metropolitan Plastic Surgery Grand Rounds: September 27, 2003
- 6) "Surgical Indications for Management of Patients with Chronic Neuropathy" Georgetown University Anesthesia Grand Rounds: September 29, 2003
- 7) "Current Update on Treatment of Brachial Plexus & Difficult Peripheral Problems" Washington Hospital Center, Neurosurgery Grand Rounds, October 29, 2003
- 8) "Current advances in Peripheral Nerve surgery for Treatment of Nerve Injuries in Head and Neck Patients"

  Georgetown University Otolaryngology Grand Rounds: November 6, 2003.
- 9) "Current Advances In Treatment of Facial Palsy and Peripheral Nerve Injuries in Pediatric Population

  Georgetown University Pediatrics Grand Rounds: January 30, 2004.
- 10) "Cavernous Nerve Reconstruction and Treatment of Groin Pain" Georgetown University Urology Grand Rounds: February 23, 2004.
- 11) "Complex Peripheral Nerve Problems The Role of the Peripheral Nerve Surgery" *National Rehabilitation Hospital, March 19, 2004.*
- 12) "Treatment of Neuropathy and Difficult Nerve Problems in Foot and Ankle" Foot & Ankle Institute of Virginia Annual Meeting, Virginia Beach, June 2004
- "Treatment of RSD related Difficult Nerve Problems in Lower Extremities" Podiatry Insurance Company of America (PICA), Nashville, October 14, 2004
- "Management of Common Complex Nerve Problems in Foot and Ankle"

  Mid-Atlantic Podiatry Conference, Fairfax, October 2004
- 15) "Management of Complex Nerve Problems in Orthopedic Patients" Virginia Hospital Center, Orthopedics Grand Rounds, December 14, 2004

- 16) "Management of Chronic Pain Following C-Sections, Groin Hernia or Hysterectomy" Georgetown University Ob/Gyn Grand Rounds: January 26, 2005
- 17) "Innervated Flaps to Lower Extremities":

  \*\*American Society for Reconstructive Microsurgery, Puerto Rico, January 05\*\*
- 18) "Algorithm for Management of Foot and Ankle Neuropathy and Nerve Problems" *Podiatry Institute Annual Meeting, Newport, RI, April 20, 2005*
- 19) "Treatment of Difficult Peripheral Nerve Problems"

  Washington Hospital Center, Neurosurgery Grand Rounds, December 1, 2005
- 20) "New Advances in Surgical Treatment of Patients with Peripheral Nerve Problems" Washington Hospital Center, Neurology Grand Rounds, February 9, 2006
- 21) "Indications for Surgical Treatment for Patients with Peripheral Nerve Problems" The Neurology Center Grand Rounds, March 22, 2006
- 22) "Algorithm for Management of Patients with Peripheral Nerve Problems" *Frederick Memorial Hospital, May 5, 2006.*
- 23) "Peripheral Nerve Surgery Role in the Treatment of Patients with Chronic Headaches" Georgetown University Otolaryngology Grand Rounds, May 11, 2006
- 24) "Treatment of Chronic Groin Pain and Migraine Headaches: New Concepts" Association of Extremity Nerve Surgeons, Santa Fe, October 2006
- 25) "Peripheral Nerve Surgery: Indications and Limitations Shah's Medical Group, Maryland, December 1, 2006
- 26) "Current Issues in Treatment of Nerve Problems in Foot and Ankle" *Podiatry Grand Rounds, Fairfax Hospital, January 31, 2007*
- "Surgical Indication for Treatment for Patients with Peripheral Nerve Problems" Washington Adventist Hospital, Med-Surg Grand Rounds, February 2, 2007
- 28) "Advances in Peripheral Nerve Surgery: Role of Physical Therapy"

  Georgetown University Physical Therapy Grand Rounds, April 11, 2007
- 29) "Surgical Treatment Algorithms for Patients with Peripheral Nerve Problems" Potomac Hospital, Med-Surg Grand Rounds, February 7, 2007
- 30) "Surgical Treatment of Neuropathy and Complex Peripheral Nerve Injuries Pain Management Meeting, Washington Hospital Center, April 19, 2007
- "Prevention and Management of Peripheral Nerve Injuries in Orthopedic Patient" Virginia Hospital Center, Orthopedics Grand Rounds, May 2, 2007
- 32) "Indications and Timing for Surgical Treatment of Patients with Neuropathy" Georgetown University Medicine Grand Rounds, May 24, 2007

- 33) "Peripheral Nerve Injuries: Danger Zones and Treatment Options" World Society for Reconstructive Microsurgery, Athens, June 2007
- "Surgical Treatment of Diabetic Peripheral Neuropathy: Controversy or Cure?"

  Diabetic Limb Salvage Conference, Washington, September 2007
- 35) "My Experience with Treatment of Migraine Headaches"

  2<sup>nd</sup> Annual Surgical Treatment of Migraine Headaches, Cleveland, October 2007
- 36). "Peripheral Nerve Surgery: Indications for Treatment of Patients with Peripheral Nerve Tumors, Post-operative Groin Pain and Chronic Headache"

  Association of Extremity Nerve Surgeons, Washington, October 2007
- "Double Crush Theory: What Patients Should You Be Sending For Nerve Decompression?"

  Diabetic Limb Salvage Conference, Washington, September 2008
- a) "Surgical Treatment of Occipital Neuritis"
   b) "My Experience with Treatment of Migraine Headaches"
   3<sup>rd</sup> Annual Surgical Treatment of Migraine Headaches, Cleveland, October 2008
- 39) "Management of Peripheral Nerve Injuries"

  Georgetown University Emergency Department Grand Rounds, November 2008
- 40) "Surgical Treatment Options for Management of Chronic Headaches"

  Georgetown University Neurology & Neurosurgery Grand Rounds, February 2009
- 41) "Neuropathy & Peripheral Nerve Injuries: Timing and Type of Surgical Treatments" Potomac Hospital, Med-Surg Grand Rounds, February 25, 2009
- 42) "Advances in Management of Complex Wounds: Limb Salvage vs Amputation" Wound Care and HBO Update 2009, Ohio State University, April 4, 2009
- 43) "Surgical Treatment of Neuropathy and its Role in Wound Care"

  Wound Care and HBO Update 2009, Ohio State University, April 4, 2009
- 44) "Chronic Headaches Following Acoustic Neuroma Surgery: Treatment Options"

  \*\*Acoustic Neuroma Association Washington Chapter, Washington DC, May 9, 2009
- 45) "Innervation of the Abdominal Wall: Consequences of Denervation and Nerve Injuries Abdominal Wall Reconstruction Conference, Washington, June 2009
- 46) "Surgical Management of Neuropathy: Deciphering Fact from Emotion and Theory Diabetic Limb Salvage Conference, Washington, September 2009
- 47) "Surgical Management of Chronic Breast and Trunk Pain American Society of Plastic Surgeons, Seattle, October 24, 2009
- 48) "Medico-legal Aspects of Neuropathy & Nerve Injuries in Foot and Ankle Surgery" Superbones Conference, Bahamas, January 16, 2010

- 49) "Foot and Ankle Neuropathy and Nerve Injuries: Best Treatment Options" Fairfax Podiatry Grand Round, Fairfax, January 18, 2010
- 50) "Peripheral Nerve Surgery Applications for Patients with Neuropathy & Nerve Injuries" Prince William Hospital, January 28, 2010
- "Surgical Treatment Options for Pediatric and Adolescent Patients with Nerve Injuries, Neuropathy or Chronic/Migraine Headache"

  Pediatric Grand Rounds, Georgetown University Hospital, February 12, 2010
- 52) "Surgical Treatment Options for Pediatric and Adolescent Patients with Nerve Injuries, Neuropathy or Chronic/Migraine Headache"

  Pediatric Grand Rounds, Virginal Hospital Center, Arlington, March 2, 2010
- 53) "Interdisciplinary Approach to Patients With Nerve Injuries: The Role of Peripheral Nerve Surgeon and Anesthesia Specialists"

  Anesthesia Grand Rounds, Georgetown University Hospital, March 18, 2010
- 54) "Surgical Management of Chronic Post-operative Pain and Peripheral Nerve Entrapments Surgery Grand Rounds, Washington Hospital Center, May 25, 2010
- "Surgical Management of Chronic Post-operative Pain and Peripheral Nerve Entrapments Frederick Memorial Hospital, Frederick, June 4, 2010
- 56) "Innervation of the Abdominal Wall: Consequences of Denervation and Nerve Injuries Abdominal Wall Reconstruction Conference, Washington, June 17, 2010
- a) "Extreme Limb Salvage with Free Flap Reconstruction and Ex Fix"
   b) "Surgical Treatment of Neuropathy and Nerve Injuries in Lower Extremity"
   Puerto Rico Podiatric Medical Association, Puerto Rico, June 26, 2010
- 58) a) "Advances in Surgical Treatment of Hand and Upper Extremity Neuropathy and Nerve Injuries
  - b)" Nerve Injuries in Aesthetic Surgery"

    Croatian Society of Plastic, Reconstructive and Aesthetic Surgery,
    Dubrovnik, October 8,9 2010
- a) "Free Flaps for Lower Extremity Limb Salvage: Making the Best of the Worst"
   b) "Peripheral Nerve Complications in Foot and Ankle Surgery"
   Superbones West, Las Vegas, October 23, 2010
- 60) "Interdisciplinary Approach to Patients with Neuropathy, Nerve Injuries or Chronic Pain" Medicine Grand Rounds, Georgetown University Hospital, November 18, 2010
- 61) "Interdisciplinary Approach to Patients with Neuropathy, Nerve Injuries or Chronic Pain" Medicine Grand Rounds, Virginia Hospital Center, Arlington, November 19, 2010
- 62) "Reconstructive Options for Nerve Injuries"

  American Association for Hand Surgery, Cancun, January 2011

63)	"Surgical Treatment of Migraine Headaches via Nerve Interventions  American Society for Peripheral Nerve, Cancun, January 2011
64)	"Getting on Their nerves: GYN Patient with Chronic Pain OB/GYN Grand Rounds, Georgetown University Hospital, February 17, 2011
65)	"Nerve Injuries: Advances in Reconstructive Options AxoGen, Baltimore March 28, 2011
66)	"Management of Chronic Pain Syndromes Walter Read Anesthesia Seminar, Bethesda, March 30, 2011
67)	"Peripheral Nerve Considerations in AWR: Pain and Denervation  Abdominal Wall Reconstruction Conference, Washington, June 17, 2011
68)	"Practical Treatment Algorithms for Peripheral Nerve Injuries"  American Society for Surgery of the Hand, Las Vegas, September 9, 2011
69)	"Nerve Release Surgery for the Diabetic Foot: - Hype or the Real Deal?"  Diabetic Limb Salvage Conference, Washington, September 24, 2011
70)	"Making Pain Painless - Surgical Treatment of Cranio-Maxillofacial Pain"  American Society of Plastic Surgeons, Denver, September 25, 2011
71)	"Nerve Injuries in Aesthetic Surgery"  National Capital Society of Plastic Surgeons, Washington, October 4, 2011
72)	"Peripheral Nerve Surgery: Indications and CPT Coding"  York Hospital, York, Maine, October 18, 2011
72)	

- 73) "Management of Nerve Injuries and Chronic Pain Following Orthopedic Surgery"

  Department of Orthopedics, Georgetown University Hospital, November 15, 2011
- 74) "Innovative Treatment of Nerve Injuries" *Webinar, AxoGen, February 23, 2012*
- 75) "Surgical Management of the Peripheral Neuropathy"

  \*\*Region III American Podiatric Medical Association, Atlantic City, May 4, 2012
- 76) "Peripheral Nerve Injuries: Reconstructive Treatment Options"

  \*\*Region III American Podiatric Medical Association, Atlantic City, May 4, 2012
- 77) "Chronic Post-op Pain: Treatment Options & Medico-Legal Pitfalls"

  \*\*Region III American Podiatric Medical Association, Atlantic City, May 4, 2012
- 78) "Controversies Related to Medical vs. Surgical Management of Patients with Compression Neuropathies, Nerve injuries, Chronic Pain & Migraines/Headaches" Georgetown University Neurosurgery & Neurology Grand Rounds, May 17, 2012

79)	"Surgical Management of the Peripheral Neuropathy"  Region IV, American Podiatric Medical Association, Columbus, June 8, 2012
80)	"Peripheral Nerve Injuries: Reconstructive Treatment Options"  Region IV, American Podiatric Medical Association, Columbus, June 8, 2012
81)	"Chronic Post-op Pain: Treatment Options & Medico-Legal Pitfalls"  Region IV, American Podiatric Medical Association, Columbus, June 8, 2012
82)	"Pathophysiology of Nerve Injuries and Abdominal Pain in Hernia Patients Abdominal Wall Reconstruction Conference, Washington, June 16, 2012
83)	"State of the Union on Nerve Repair"  American Society for Surgery of the Hand, Chicago, September 7, 2012
84)	"What is the role of nerve surgery in patients with diabetic neuropathy?"  American College of Surgeons, Chicago, September 29, 2012
85)	"Management of Chronic Post-Operative Pain, RSD/CRPS-like Conditions in the Lower Extremity Diabetic Limb Salvage Conference, Washington, October 12, 2012
86)	"Breast Reduction: Versatility of Supero-medial Pedicle Techniques"  Academy of Aesthetic Surgery, Venice, October 29, 2012
87)	"Nerve Injuries in Aesthetic Surgery"  Academy of Aesthetic Surgery, Venice, October 31, 2012
88)	"Interdisciplinary Treatment of Headaches, Migraines, & Neuralgias Following Post-traumatic and Sports-related injuries"  Children's Medical Center, Rockville, MD, November 27, 2012
89)	"New Treatment Algorithm: Peripheral Nerve Injuries"  American Association for Hand Surgery, Naples, January 2013
90)	"Operative Treatment of Painful NeuropathyThe Role of Peripheral Nerve Surgery"  American Diabetes Association, Chicago. June 23, 2013
91)	<ul> <li>a) "Peripheral Nerve Surgery: Treatment Concepts for Neuropathy and Nerve Injuries"</li> <li>b) "Surgical Management of Headaches, Neuralgias &amp; Migraines" Fellows for Science, Ljubljana, Slovenia, September 19, 2013</li> </ul>
92)	Redefining Our Expectations for Peripheral Nerve Repair: An Evidence Based Approach American Society for Surgery of the Hand, San Francisco, October 4, 2013

94) Innovations and Best Practices for the Treatment of Trigeminal Nerve Injuries Oral-Maxillo-Facial Meeting, Chicago, November 8, 2013

If the Bone is Not the Problem, Then Perhaps You Should Fix the Nerve? Diabetic Limb Salvage Conference, Washington, October 12, 2013

93)

- a) Reconstructive Options for Nerve Injuries
  - b) Peripheral Nerve Surgery: CPT Coding
  - c) Medico-Legal Aspects of Nerve Injuries: How to Prevent & Deal with Malpractice Cases Association of Extremity Nerve Surgeons, Houston, November 2, 2013
- 96) "Multidisciplinary Treatment of Headaches, Migraines, & Nerve Injuries" Pediatric Grand Rounds, Georgetown University Hospital, January 31, 2014
- 97) "Interdisciplinary Approach to Nerve Injuries, Chronic Pain and Headaches" Neurology Grand Rounds, Lehigh Valley Hospital, Allentown, PA, February 6, 2014
- 98) "Peripheral Neuropathy: Should we be Doing Tarsal Tunnel Surgery."

  American Association of Plastic Surgeons, Miami, April 6, 2014
- 99) "Carpal Tunnel: Debunking the Myths (An Evidence Based Journey)" American Society of Plastic Surgeons, Chicago, October 13, 2014
- 100) Inferior Alveolar and Lingual Nerve Injuries Following Dental and Oral Surgery Oral-Maxillo-Facial AxG Meeting, Dallas, November 8, 2014
- a) Chronic Pain & Nerve Injuries: Medico-Legal Considerations
   b) Nerve Injuries: Reconstructive Options
   Association of Extremity Nerve Surgeons, Scottsdale, November 15, 2014
- 102) "Interdisciplinary Treatment of Patients with Chronic Post-Operative Pain Due to Nerve Injuries"

  Neurology Grand Rounds, IAH, Alexandria, VA, January 22, 2015
- 103) "Past President's Panel: 25th Anniversary of Founding Member and Past Presidents" American Society for Peripheral Nerve, Bahamas, January 25, 2015
- 104) "Nerve Injuries and Chronic Pain Following Foot and Ankle Surgery" *Podiatry Residency Lecture, IFH, Falls Church, VA, March 23, 2015*
- "Nerve Injurers in Aesthetic Surgery: Danger Zones, Prevention & Treatment" Adriatic Club, CSPRS Meeting, Genoa, Italy, April 7, 2015
- 106) "Upper Extremity Nerve Surgery: Evidence Based Treatment Options" Adriatic Club, CSPRS Meeting, Genoa, Italy, April 7, 2015
- 107) "Patient Safety: Optimizing Surgeon's & Patient's Outcomes" Adriatic Club, CSPRS Meeting, Genoa, Italy, April 8, 2015
- 108) "Reconstructive Options for Nerve Injuries Following Head & Neck Surgery" ENT Workgroup & AxoGen Scientific Advisory, Boston, April 21, 2015
- 109) "Reconstructive Options for Nerve Injuries: What Works Best and Why?" Federation of European Societies for Surgery of the Hand, Milan, Italy, June 17, 2015

- 110) "Chronic Breast Pain Following Surgery & Breast Cancer Treatments" Breast Division, Fairfax Hospital, Falls Church, VA, July 2, 2015
- 111) Principles of Nerve Repair in Lower Extremities

  Foot & Ankle Nerve Injuries Symposium, Chicago, August 1, 2015
- 112) Upper Extremity Nerve Injuries & Repair: Best Practices

  AxG Best Nerve Practices, San Diego, CA, August 6, 2015
- 113) Advances in the Treatment of Patients with Nerve Injuries, Neuropathy and Chronic Pain"

  Inova Alexandria Hospital Webinar, September 8, 2015
- 114) Peripheral Neuropathy & Chronic Pain: The Role of the Surgical Treatments

  Neuropathy Association of Northern Virginia, September 12, 2015
- 115) Nerve Surgery Applications for Head & Neck Nerve Injuries

  Fellows in Science International Meeting, Dubrovnik, Croatia, October 1, 2015
- 116) Optimizing Patient Safety & Outcomes in Plastic Surgery

  Fellows in Science International Meeting, Dubrovnik, Croatia, October 3, 2015
- "Management of Chronic Post-Operative Pain Resistant to Medical Treatments" Alexandria Hospital, Alexandria, VA, October 21, 2015
- 118) a) "Challenges in the Upper Extremity Nerve Repair"
  - b) "Coding for Nerve Injuries and Nerve Surgery"
  - c) "Surgical Interventions for Pain Management"

    Advanced Upper Extremity Nerve Practices, Chicago, October 24, 2015
- a) Nerve Injuries with Dental and Oral Surgery Procedures
  - b) Optimizing Nerve Repair Outcomes Through Advanced Surgical Techniques Oral-Maxillo-Facial Surgeons AxG Meeting, Atlanta, November 6, 2015
- 120) The Evolution of Nerve Repair: Discussion with the Experts

  \*American Association of Hand Surgery, Scottsdale, January 14, 2016
- 121) Clinical Pain Management: Operative Treatments for Chronic Headaches American Society for Peripheral Nerve, Scottsdale, January 17, 2016
- 122) a) The Science and Evolution of Nerve Surgery
  - b) Surgical Interventions for Pain Management

    AxG: Advances in Nerve Surgery, Orlando, February 27, 2016
- 123) a) "Challenges and Pitfalls in Nerve Repair"
  - b) "Advances in Surgical Interventions for Pain Management"

    AxG: Best Practices in Extremity Nerve Repair, Las Vegas, March 18, 2015
- 124) The Indications and Timing for Nerve Surgery as an Interdisciplinary Treatment for Chronic Post-Concussion & Post-Traumatic Headaches

  \*Traumatic Brain Injury, Maryland Association, Timonium, MD, March 26, 2015\*

125)	Traumatic & Post-Surgical Nerve Injuries: Advanced Treatment Algorithms
	Hand Symposium, Copenhagen, Denmark, March 30, 2015

- 126) Surgical Management of Nerve Injuries and Chronic Pain Scandinavian Hand Society, Levi, Finland, April 1, 2015
- a) Critical Variables for Nerve Reconstruction: A Review of the Evidence
   b) Chronic Pain: Neuroma Management
   Masters in Nerve Repair, San Francisco, April 23, 2016
- 128) The Science and Applications of Nerve Surgery for Nerve Injuries and Chronic Pain *Advances in Nerve Repair, Lausanne, Switzerland, May 6, 2016*
- 129) Chronic Pain Following Aesthetic or Reconstructive Breast Surgery: Incidence and Treatment Options

  \*Beauty Through Science International Meeting, Stockholm, Sweden, May 28, 2016\*
- 130) Evidence-Based Advances in Peripheral Nerve Repair Algorithms *FESSH, Santander, Spain, June 21, 2016*
- 131) The Science and Evolution of Peripheral Nerve Repair *FESSH, Santander, Spain, June 22, 2016*
- 132) Treatment of Nerves Injuries: Evidence-Based Review of Variables Affecting Patient Outcomes

  Henry Ford Hospital, Detroit, July 12, 2016
- 133) Understanding Nerve Injuries and Treatment Options: Evidence Based Review Detroit Medical Center, Detroit, July 13, 2016
- a) Nerve Injury & Reconstruction: What Works and Why?
   b) Management of Chronic Pain due to Nerve Injuries
   Northwestern University, Dept of Plastic Surgery, Chicago, July 15, 2016
- a) Evolution of Reconstructive Techniques in Nerve Surgery
   b) Chronic Pain: Neuroma Management
   Advances in Nerve Repair, UE Course, San Francisco, Aug 26, 2016
- 136) Surgical Treatment Options for Nerve Injuries: What Works and Why? *AxG Nerve Lecture Series, Toronto, Canada, September 20, 2016*
- 137) Acute and Chronic Complications of Nerve Surgery: Avoidance and Treatment American Society of Plastic Surgeons, Los Angeles, September 26, 2016
- 138) Treatment of Nerve Injuries: Evidence-Based Review of Variables Affecting Patient Outcomes

  \*American Society for Surgery of the Hand, Austin, September 28, 2016\*
- 139) Reconstructive Options for Nerve Injuries: Type & Timing

  Indianapolis Hand Fellow Course, Indianapolis, October 15 2016

- 140) Surgical Management of Chronic Headaches

  Klinikum Bogenhausen, Munich, Germany, October 18, 2016
- 141) Nerve Surgery for Management of Chronic Pain and Nerve Injuries Klinikum Bogenhausen, Munich, Germany, October 19, 2016
- 142) Advances in Surgical Management of Nerve Injuries and Chronic Pain

  Dept. of Surgery, University Hospital Basel, Basel, Switzerland, October 20, 2016,
- 143) Critical Variables Affecting Nerve Regeneration: Evidence-Based Data Mayo Clinic & Chang Gung Reconstructive Surgery Symposium Munich, Germany, October 22, 2016
- Evolution of surgical technics and application of new technologies in nerve surgery American Association of the Hand, Kona, HI, January 12, 2017
- a) "Evidence-Based Review of Nerve Repair Options"
   b) "Surgical Management of Chronic Pain"
   Best Nerve Practices, Las Angeles, January 20, 2017
- a) "Nerve Injuries and Nerve Repair: Optimizing Patient Outcomes"
   b) "The Role of Nerve Surgery in Management of Patients with Chronic Pain"
   AxG Best Nerve Practices, San Diego, February 10, 2017
- 147) "Peripheral Nerve Operations for the Treatment of Pain: Do They Simply Induce More Pain....for the Surgeon?

  American Association of Plastic Surgeons, Austin, March 25, 2017
- a) "Evidence-Based Data on Nerve Repair"
   b) "Nerve Injuries, Chronic Pain & Surgery"
   Midwest Podiatry Conference, Chicago, April 28, 2017
- 149) "Advances in the Treatment of Nerve Injuries and Nerve Repair"

  AxG Advances in Nerve Repair, Tampa, FL, April 29, 2017
- 150) "Treatment Algorithm for Nerve Injuries Revisited: New Options? AxG KOL Nerve Seminar: Barcelona, Spain, April 3, 2017
- 151) "Advances in the Treatment of Nerve Injuries and Nerve Repair"

  AxG Advances in Nerve Repair, Lausanne, Switzerland, May 5, 2017
- 152) "Advances in the Treatment of Nerve Injuries and Nerve Repair"

  AxG Advances in Nerve Repair, Chicago, May 20, 2017
- 153) "Breast Neurotization Aim to Improve Patient QOL After Breast Reconstruction" Henry Ford, Detroit, July 12, 2017
- "Surgical Treatment of Chronic Pain: Evolution of New Techniques" *FESSH, Budapest, Hungary, July 22, 2017*

- 155) "Surgical Management of Chronic Pain after Body Contouring Surgery"

  Beauty Through Science International Meeting, Stockholm, Sweden, June 3, 2017
- 156) "Benefits of New Technologies and Techniques in Nerve Surgery

  Department of Plastic Surgery, Merit Health Hospital, Jackson, MS, July 27, 2017
- 157) "Nerve Surgery Coding and Practice Management"

  AxG Nerve Surgery Symposium, Denver, July 29, 2017
- 158) "Innovations in Nerve Surgery: Improving Patient Outcomes"

  Department of Orthopedic Surgery, Texas Tech University, Lubbock, TX, Aug 4, 2017
- 159) "Evidence-Based Nerve Surgery: Improving Patient Care & Outcomes" AxG Nerve Surgery Symposium, Atlanta, August 19, 2017
- 160) "Clinical Benefits of New Technologies and Techniques in Nerve Surgery"

  Copenhagen Nerve Surgery, Panum Institute, Copenhagen, Denmark, September 13, 2017
- 161) "Evolution of Nerve Surgery: Current Advances and Future Perspectives" AxG Best Nerve Practices, Boston, September 22, 2017
- 162) "Peripheral Nerve Injuries"

  American Society of Plastic Surgeons, Orlando, October 8, 2017
- "Breast Neurotization Aim to Improve Quality of Life in Breast Reconstruction Patients" X Breast Reconstruction, M.H. University, Alicante, Spain, October 19, 2017
- 164) "Management of Nerve Injuries & Chronic Post-Operative Pain *AxG Best Nerve Practices, San Francisco, November 3, 2017*
- 165) "Nerve Surgery & Evidence-Based Data: How to Improve Nerve Surgery Outcomes? AxG Best Nerve Practices, Indianapolis, November 10, 2017
- a) "Management of Nerve Injuries & Chronic Post-Operative Pain"
  b) "Current Coding & reporting for Peripheral Nerve"
  Association of Extremity Nerve Surgeons, Phoenix, November 11, 2017
- 167) "Breast Neurotization and Treatment of Chronic Breast Pain"

  International Course on Perforator Flaps, Gent, Belgium, November 16, 2017
- 168) "Advanced Surgical Techniques Aim to Improve Nerve Surgery Outcomes" AxG Best Nerve Practices, Pittsburgh, December 8, 2017
- 169) "Evidence-Based Nerve Surgery: Improving Patient Care & Outcomes" Stony Brook Hospital, Plastic Surgery NY, January 3, 2018
- 170) "Evidence-Based Nerve Surgery: Managing Nerve Injuries & Repair Options" American Association of Hand Surgeons, Phoenix, January 11, 2018

- 171) "Surgical Management of Chronic Post-Operative or Post-Traumatic Pain" American Society for Peripheral Nerve, Phoenix, January 13, 2018
- 172) "Nerve Surgery: Innovations and Opportunities in Microsurgery"

  American Society for Reconstructive Microsurgery, Phoenix, January 16, 2018
- 173) "Evidence-Based Optimization of Patient Outcomes With Nerve Injuries"

  Hand Surgery Grand Rounds, Baystate Health, Springfield, MA, February 8, 2018
- 174) "Interdisciplinary Treatment of Nerve Injuries & Chronic Pain Following Surgery or Trauma" General Surgery Grand Rounds, Baystate Health, Springfield, MA, February 8, 2018
- 175) "Nerve Repair Options for Dental and Oral Surgery Nerve Injuries

  AxG OMF Advanced Nerve Course, Orlando, February 9, 2018
- 176) "Evidence-Based Nerve Surgery: Validation of Treatment Options" AxG Advanced Nerve Course, San Francisco, February 17, 2018
- 177) "Nerve Injuries & Repair Options: Progress Made in the Past Two Decades" AxG Best Nerve Practices, New York, February 24, 2018
- "Allograft Breast Neurotization: A Novel Technique Aim to Restore Breast Sensation in Breast Cancer Patients after Mastectomy and Autologous Breast Reconstruction"

  \*\*Barcelona Breast Meeting, Barcelona, March 8, 2018\*\*
- 179) "Surgical Management of Nerve Injuries: Improving Patient Outcomes" Dept. of Plastic Surgery, UT Southwestern, Dallas, March 29, 2018
- a) "Nerve Injuries: Evolution of Nerve Repair Algorithm"
  b) "Surgical Management of Chronic Pain"
  AxG Best Nerve Practices, Las Vegas, April 5, 2018
- a) "Nerve Injuries & Repair Options: Evidence-Based Review"
   b) "Surgical Treatment of Chronic Pain due to Nerve Injuries"
   AxG Best Nerve Practices, Chicago, April 14, 2018
- a) "Nerve Repair Options for Lower Extremity Nerve Injuries"
   b) "Surgical Management of Chronic Post-Operative or Post-Traumatic Pain"
   Midwest Podiatry Conference, Chicago, April 20, 2018
- 183) "The Values of New Technologies in Surgical Management of Pain and Nerve Injuries" Southeastern Hand Society, Boca Raton, April 27, 2018
- 184) "Nerve Injuries: Evidence-Based Treatments"

  AxG Advanced Nerve Practices, New York, May 5, 2018
- 185) "New Technologies & Techniques for Surgical Management of Pain and Nerve Injuries" European Federation of Societies for Microsurgery, Belgrade, May 7, 2018

- 186) "Nerve Injuries: Evidence-Based Surgical Treatment Options" AxG Advanced Nerve Course, Vienna, Austria, May 11, 2018
- 187) "Evidence-Based Nerve Surgery for Chronic Post-Operative or Post-Traumatic Pain" AxG Advanced Nerve Course, Miami, May 18, 2018
- 188) "Nerve Repair for Nerve Injuries after Oral and Dental Procedures Righospitalet, Copenhagen, Denmark, June 13, 2018
- 189) "Treatment Algorithms in Nerve Surgery: Evidence-Based Techniques" *FESSH, Copenhagen, Denmark, June 15, 2018*
- 190) "Applications of New Technologies & Techniques for Pain" *FESSH, Copenhagen, Denmark, June 15, 2018*
- 191) "Nerve Surgery: Innovations & New Reconstructive Options"

  Plastic Surgery J Club, Louisiana State University, New Orleans, July 19, 2018
- a) "Evolution of Nerve Surgery Algorithms: An Evidence-Based Review"
   b) "Applications of New Biomaterials in Nerve Surgery"
   AxG UE Best Practices, New York, August 24, 2018
- 193) "Economic Considerations in Nerve Repair"

  American Society for Surgery of the Hand (ASSH), Boston, Sept 14, 2018
- 194) "Advanced Surgical Treatment of Nerve Injuries & Chronic Pain"

  Dept of Plastic Surgery, Vanderbilt University, Nashville, September 21, 2018
- a) "Nerve Injuries: An Evidence-Based Review of Reconstructive Options"
   b) "Surgical Management of Pain"
   AxG Fellows Comprehensive Nerve Course, Philadelphia, September 22, 2018
- 196) "Surgical Management of Nerve Injuries & Chronic Pain"

  Dept of Plastic Surgery, Emory University, Atlanta, September 28, 2018
- a) "Advanced Reconstructive Options for F&A Nerve Injuries"
   b) "Surgical Management of Chronic Pain Following F&A Surgery or Trauma"
   Texas Podiatry Medical Association: Southwest Conference, Dallas, Oct 5, 2018
- a) "Nerve Injuries: An Evidence-Based Review of Reconstructive Options"
   b) "Surgical Management of Chronic Pain due to Nerve Injuries"
   AxG Fellows Comprehensive Nerve Course, Indianapolis, October 6, 2018
- 199) "Surgical Management of Nerve Injuries & Chronic Pain"

  Dept of Plastic Surgery, MD Anderson Cancer Center, Houston, October 19, 2018
- a) "Treatment Algorithm for Nerve Injuries"
   b) "Surgical Management of Chronic Pain"
   AxG Advanced Nerve Course, Chicago, October 20, 2018

- 201) "Nerve Surgery: The Future of Chronic Pain Management"

  Dept of Plastic Surgery, MGH / Harvard, Boston, October 24, 2018
- 202) "Advances in Nerve Surgery Aim to Improve Patient Outcomes"

  Houston Plastic Surgery Society, Houston, October 24, 2018
- a) "The Role of Nerve Surgery in the Treatment of F&A Nerve Injuries"
   b) "Surgical Management of Chronic Pain Following F&A Surgery or Trauma"
   Chicago Lower Extremity Surgical Symposium, Chicago, October 26, 2018
- a) "Evidence-Based Variables Affecting Nerve Repair Outcomes"
   b) "Advanced Surgical Techniques for Management of Chronic Pain"
   AxG Advanced Nerve Course, San Diego, November 2, 2018
- 205) "Nerve Allograft for Management of Hand & UE Nerve Injuries and Chronic Pain"" Finland Hand Society, Helsinki, November 15, 2018
- a) "Nerve Injuries: Variables Affecting Nerve Repair Outcomes"
  b) "Surgical Treatment of Chronic Pain Aim to Reduce the Need for Opioids"
  AxG Boston Nerve Fellows Course, Boston, November 17, 2018
- 207) "Surgical Management of Nerve Injuries & Chronic Pain"

  Dept of Plastic Surgery, J Club, UPMC, Pittsburgh, November 27, 2018
- 208) "Comprehensive Surgical Care of Patients with Nerve Injuries & Chronic Pain" Dept of Orthopedics, Allegheny Hospital, Pittsburgh, November 28, 2018
- a) "Nerve Injuries: Variables Affecting Nerve Repair Outcomes"
   b) "Surgical Treatment of Chronic Post-Operative/Traumatic Pain"
   AxG Advanced Nerve Course, Miami, December 1, 2018
- 210) "Management of Complex Peripheral Nerve Problems: Why Biomaterials Matter to Surgeons and Patients" American Association of Hand Surgeons, Palm Springs, January 31, 2019
- 211) "Comprehensive Surgical Care of Patients with Nerve Injuries & Chronic Pain"

  Dept of Plastic Surgery, Memorial Sloan Kettering Cancer Center, Feb 11, 2019
- a) "Nerve Injuries: Evidence-based Treatment Algorithm"
   b) "Surgical Treatment of Chronic Post-Operative/Traumatic Pain"
   AxG Fellows Nerve Course, Fort Lauderdale, February 16, 2019
- a) "Nerve Injuries: Variables Affecting Nerve Repair Outcomes"
   b) "Surgical Treatment of Chronic Post-Operative/Traumatic Pain"
   AxG Trauma Nerve Course, Orlando, February 22, 2019
- 214) "Mixed-Motor Nerve Injuries: Treatment Options for Nerve Repair"

  European Nerve Advisory Meeting, Vienna, Austria, February 28, 2019

- 215) "Two Decades of Progress in the Treatment of Nerve Injuries: What we Learned? American Association of Plastic Surgeons, Baltimore. April 6, 2019
- 216) "The Use of Biomaterials in Nerve Surgery"

  International Symposium on Nerve Reconstruction, Paris, France, April 12, 2019
- a) "Nerve Injuries: Variables Affecting Repair Outcomes"
   b) "Surgical Treatment of Chronic Post-Operative/Traumatic Pain"
   AxG UE Nerve Course, Chicago, April 26, 2019
- a) "The Principles of Nerve Surgery for Breast Surgeons"
   b) "Surgical Management of Chronic Breast Pain"
   AxG Breast Re-Sensation Course, Nashville, May 18, 2019
- a) "Nerve Repair Options for Upper Extremity Nerve Injuries"
  b) "Surgical Management of Chronic Post-Operative or Post-Traumatic Pain"
  AxG UE Nerve Course, Phoenix, May 31, 2019
- 220) "Surgical Management of Chronic Post-Operative Breast Pain"

  World Society for Reconstructive Microsurgery, Bologna, Italy, June 13, 2019
- 221) "Outcomes & Safety of Surgical Management of Chronic Migraines/Headaches/Neuralgia" World Society for Reconstructive Microsurgery, Bologna, Italy, June 15, 2019
- 222) "Evidence-Based Treatment of Nerve Injuries Aim to Improve Patient Outcomes" *IFESSH, Berlin, Germany, June 17, 2019*
- 223) "Processed Nerve Allograft for Sensory, Mixed and Motor Nerve Injuries" *IFESSH, Berlin, Germany, June 20, 2019*
- 224) "Comprehensive Surgical Care of Patients with Nerve Injuries & Chronic Pain"

  Dept. of Plastic Surgery, University of Massachusetts, Boston, July 10, 2019
- 225) "Surgical Management of Nerve Injuries Following Head & Neck Surgery"

  Dept. of Oral, Maxillo-Facial Surgery, University of Tennessee, July 31, 2019
- a) "New Technologies in Nerve Surgery: What Works & What Doesn't"
  b) "Breast Neurotization: Benefits for Restoring Sensation for Breast Cancer Survivors"
  Croatian Plastic Surgery Society Adriatic Club, Copenhagen, August 26, 2019
- 227) "Treatment of Neuroma with Nerve Grafting and Other Techniques"

  American Society for Plastic Surgeons, San Diego, September 20, 2019
- a) "Nerve Injuries: Evidence-Based Treatment Algorithms"
  b) "The economic impact of nerve injuries and role of nerve allograft for nerve repair"
  AxG UE Nerve Course, Baltimore, September 28, 2019

229)	"Surgical Management of Nerve Injuries Following Head & Neck Surgery"	
	Dept. of Plastic Surgery, Univ. of Alabama, Birmingham, September 30, 201	19

- a) "Nerve Injuries: Evidence-Based Treatment Algorithms"
   b) "Surgical Management of Pain"
   AxG UE Nerve Course, Pittsburgh, October 12, 2019
- a) "Treatment of Nerve Injuries: What Matters"
  b) "Surgical Management of Neuroma"
  AxG UE Nerve Course, Atlanta, October 19, 2019
- a) "Nerve Injuries: Evidence-Based Treatment Options"
   b) "Surgical Management of Pain: Indications & Options"
   Fellows Nerve Course, Boston, October 26, 2019
- a) "Applications of Nerve Surgery for Breast Surgeons"
   b) "Surgical Management of Chronic Breast Pain"
   AxG Breast Course, Dallas, November 2, 2019
- a) "Treatment of Nerve Injuries: Ways to Improve Outcomes"
   b) "Surgical Management of Pain: Indications & Options"
   Fellows Nerve Course, San Francisco, November 8, 2019
- a) "Treatment of Nerve Injuries: Ways to Improve Outcomes"
   b) "Surgical Management of Pain: Indications & Options"
   Comprehensive Nerve Surgery Course, Vienna/Austria, November 15, 2019
- a) "Applications of New Technologies in Management of Nerve Injuries"
   b) "Breast Neurotization: New Options for Reconstructive Breast Surgeons"
   German Microsurgery Society, Munich/Germany, November 22, 2019
- a) "Nerve Injuries: Ways to Improve Outcomes"
  b) "Applications of New Technologies in the Management of Nerve Injuries"
  c) "Surgical Management of Pain: Indications & Treatment Options"
  Spanish Hand Society, Oporto/Portugal, December 6, 2019
- 238) Comprehensive Management of Headaches: The Role of Interdisciplinary Care

  \*American Society for Peripheral Nerve, Fort Lauderdale, January 9, 2020
- 239) Technological Progress & Management of Nerve Injuries Medical Device Group. Boston, February 5, 2020
- a) "Evidence-Based Nerve Injury Treatment Options"
   b) "Minimizing or Eliminating Autograft Morbidity"
   AxG Mixed & Motor Nerve Course, New Orleans, February 8, 2020
- 241) H&N/OMF Nerve Injuries and Repair Options

  AxG H&N/OMF Advanced Nerve Course, Chicago, March 7, 2020