

CURRICULUM VITAE OF
Gregory R. Trost, M.D.

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Department of Neurological Surgery
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BIRTHDATE October 16, 1958
Milwaukee, WI

FORMAL EDUCATION

01/78 – 05-83	B.S. University of Wisconsin – Milwaukee Milwaukee, WI
08/84 – 05/88	M.D. University of Wisconsin School of Medicine Madison, WI
07/88 – 06/95	Neurological Surgery Resident University of Wisconsin Hospital and Clinics Madison, WI
07/95 – 06/96	Spine Surgery Fellow Department of Neurological Surgery Cleveland Clinic Foundation Cleveland, OH

POSITIONS HELD

01/90 – 06/94	Emergency Room Physician Rural Wisconsin Hospital Cooperative
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07/91 – 06/94	MedFlight Physician University of Wisconsin Hospital and Clinics Madison, WI
07/96 – Present	Consultant William S. Middleton Memorial Veterans Administration Hospital Madison, WI
07/96 – 05/02	Assistant Professor, Neurological Surgery University of Wisconsin Hospital and Clinics Madison, WI
07/97 – 12/02	Chief, Neurosurgical Service William S. Middleton Memorial Veterans Administration Hospital Madison, WI
05/02 – 06/06	Associate Professor, Neurological Surgery University of Wisconsin Hospital and Clinics Madison, WI
07/02 – Present	Clinical Vice Chair, Neurological Surgery University of Wisconsin Hospital and Clinics Madison, WI
07/06 – Present	Professor, Neurological Surgery University of Wisconsin Hospital and Clinics Madison, WI

COMMITTEES

1996 – 1997	State of Wisconsin Neurosurgical Society Secretary Treasurer Past President
1996 – 1999	University of Wisconsin Hospital and Clinics Trauma Life Center / Quality Assurance Committee
1996 – 2001	University of Wisconsin Hospital and Clinics Critical Care Committee

1996 – 1997	University of Wisconsin Hospital and Clinics Organ Procurement Organization Advisory Committee
1996 – 1997	University of Wisconsin Hospital and Clinics Trauma Committee
1997 – 2005	State of Wisconsin Neurosurgical Society Vice President
1999 – 2014	University of Wisconsin School of Medicine And Public Health Admissions Committee
2001 – 2014	AANS/CNS Joint Section of Spine and Peripheral Nerves Present Executive Committee Member
2002 – Present	University of Wisconsin Medical Foundation Operations Committee
2002 – 2012	University of Wisconsin Medical Foundation Fee Committee
2003 – 2006	AANS/CNS Joint Section of Spine and Peripheral Nerves Membership Committee Chairman
2004 – 2018	Congress of Neurological Surgeons Annual Meetings, Abstract Grading Committee
2004	AANS/CNS Joint Section of Spine and Peripheral Nerves Scientific Program Committee Member
2004	AANS/CNS Joint Section of Spine and Peripheral Nerves Abstract Review Committee Member
2004 – 2012	AANS/CNS Joint Section of Spine and Peripheral Nerves Awards Committee
2004 – 2012	AANS/CNS Joint Section of Spine and Peripheral Nerves Executive Committee Member

2004 – 2008	University of Wisconsin Hospital and Clinics Operating Room Workgroup
2005-2007	State of Wisconsin Neurosurgical Society President
2006 – Present	University of Wisconsin Medical Foundation Council of Faculty
2006 – 2009	AANS/CNS Joint Section of Spine and Peripheral Nerves Elected At Large Member Executive Committee
2006 – 2016	Congress of Neurological Surgeons Scientific Program Committee
2007 – 2010	Rachidian Meeting Scientific Program Committee
2007 – 2018	Congress of Neurological Surgeons Annual Meetings Scientific Program Committee
2007	Neurosurgical Society of America Local Arrangements Committee
2007	The American Medical Association Committee of Permanent Impairment
2007 – 2015	Physicians Health Link Advisory Group
2008 – Present	Council of State Neurosurgical Societies
2010 – 2015	University of Wisconsin School of Medicine And Public Health Mentoring Committee Chair Dr. Amgad Hanna
2010 – 2017	University of Wisconsin School of Medicine And Public Health Mentoring Committee Chair Dr. Taryn Bragg
2010 – 2013	University of Wisconsin School of Medicine

	And Public Health CHS Promotions Committee
2011 – 2013	Council of State Neurosurgical Societies Vice Chair, Communications and Education Committee
2012 - 2016	University of Wisconsin School of Medicine And Public Health Admissions Scholarship Committee
2012	Congress of Neurological Surgeons Abstract Reviewer, Annual Meeting
2012 – 2016	University of Wisconsin School of Medicine And Public Health Chairman, Wisconsin Resident and Admissions
2012 – 2015	University of Wisconsin Medical Foundation Board of Directors
2013	Congress of Neurological Surgeons Abstract Selection Committee
2013 – 2016	Council of State Neurosurgical Societies Chairman, Northwest Quadrant
2013 – Present	Council of State Neurosurgical Societies Executive Committee
2013 – 2018	Council of State Neurosurgical Societies State and Regional Advocacy Committee
2013 – 2017	Council of State Neurosurgical Societies Nominations Committee
2013 – Present	UW Health Ambulatory Operations Regional Subgroup
2013 – 2017	Lumbar Spine Research Society Board Chair, Planning Committee
2013 – Present	Council of State Neurosurgical Societies Member, Communications and Education Committee
2014 – Present	UW Health

	Policies and Procedures Committee
2014	Congress of Neurological Surgeons Spine Complications Course Planning Committee
2014 – 2017	University of Wisconsin Medical Foundation Executive / Governance Committee Board of Directors
2014 – 2017	University of Wisconsin Medical Foundation Retirement Plan Committee
2015 – Present	Section Editor – Neurosurgery and the Arts World Neurosurgery
2016 – Present	University of Wisconsin School of Medicine And Public Health, Dr. Ahmed Afifi Mentoring Committee
2017-Present	American Association of Neurological Surgeons North West Regional Director, Board of Directors
2017-2018	American Association of Neurological Surgeons Member Benefit Development Committee, Board Liaison
2017-2018	American Association of Neurological Surgeons International Programs Committee, Board Liaison
2017-2018	American Association of Neurological Surgeons Ethics Committee, Board Liaison
2017-2018	American Association of Neurological Surgeons Neurosurgical Society of America, Board Liaison
2017-2018	American Association of Neurological Surgeons Joint Section on Cerebrovascular Surgery, Board Liaison
2018	American Association of Neurological Surgeons Scientific Program Committee, 2019 Meeting Benzel Symposium Symposium Chair and Program Developer

UNDERGRADUATE HONORS AND AWARDS

1. CRC Freshman Chemistry Award
2. Summa Cum Laude

GRADUATE HONORS AND AWARDS

1. Promotions Committee: Excellence in First and Second Years
2. Promotions Committee: Excellence in Third Year
3. Lewis and Edith Phillips Award for Academic Achievement – Third Year
4. Alpha Omega Alpha – Third Year
5. Mark Gichert Award for Excellence In Clinical Neuroscience - Fourth Year
6. Francis Forrester Award in Neurology – Fourth Year

POSTGRADUATE HONORS AND AWARDS

1. “Madison’s Top Physician Award” – September 2002
2. “America’s Top Doctor” – September 2002
3. “America’s Top Doctor” – September 2003
4. “America’s Top Doctor” – September 2004
5. “Madison’s Top Physician Award” – September 2004
6. “Residency Teaching Award” – University of Wisconsin – 2004–
2005
7. “America’s Top Doctor” – September 2005
8. “America’s Top Doctor” – September 2006
9. “Madison Magazine Best Doctors” – October 2006

MEMBERSHIPS

1. Alpha Omega Alpha
2. American Association of Neurological Surgeons
3. American Board of Neurological Surgeons
4. Congress of Neurological Surgeons
5. State of Wisconsin Neurosurgical Society
6. World Spinal Column Society

PUBLICATIONS

1. **Trost G. R.**, Nagatani K., Goknur A. B., Haworth R. A., Odell G. B., Duff T. A. "Bilirubin levels in subarachnoid clot and effects on vascular smooth muscle cells," *Stroke* 1993 Aug; 24 (8): 1242-5. (65% Concept Development and Design, 0% Mentoring, 100% Data Acquisition, 90% Analysis, and 90% Writing.)
2. **Trost G. R.**, Kalfas I. H. "Pedicicle fixation and fusion of the lumbosacral spine." *Techniques in Neurosurgery* 1996 Dec; 2 (4). (50% Concept Development and Design, 0% Mentoring, 100% Data Acquisition, 100% Analysis, and 90% Writing.)
3. **Trost G. R.** "Posterior Approaches to the Thoracic Spine for Corpectomy and Discectomy." In: Batjer H., Loftus C., eds. *Textbook of Neurological Surgery*. Philadelphia: Lippincott-Raven; 1999. (100% Concept Development and Design, 100% Mentoring, 100% Data Acquisition, 100% Analysis, and 100% Writing.)
4. Preston J. K., **Trost G. R.**, Resnick D. K. "Dorsal Approaches to the Thoracic Spine." In: Batjer H., Loftus C., eds. *Textbook of Neurological Surgery*. Philadelphia: Lippincott-Raven; 1999. (50% Concept Development and Design, 50% Mentoring, 33% Data Acquisition, 50% Analysis, and 33% Writing.)
5. **Trost G. R.** Zdeblick T. "Laparoscopic Fusion with Tapered Interbody Fusion Cages." In: Haid R., Fessler R., and Alexander J., eds. *Lumbar Interbody Fusion Techniques: Cages, Dowels, and Grafts*. St. Louis, MO: Quality Medical Publishing, 1999. (50% Concept Development and Design, 0% Mentoring, 90% Data Acquisition, 60% Analysis, and 100% Writing.)
6. **Trost G. R.** "Spondylolisthesis." In: Batjer H., Loftus C., eds. *Textbook of Neurological Surgery*. Philadelphia: Lippincott-Raven; 2000. (100% Concept Development and Design, 100% Mentoring, 100% Data Acquisition, 100% Analysis, and 100% Writing.)
7. **Trost G. R.** "Anterior Thoracic and Lumbar Stabilization Systems." In: Batjer H., Loftus C., eds. *Textbook of Neurological Surgery*. Philadelphia: Lippincott-Raven; 2000. (100% Concept Development and Design, 100% Mentoring, 100% Data Acquisition, 100% Analysis, and 100% Writing.)
8. **Trost G. R.** "Retroperitoneal Approach to the Lumbar-Sacral Spine." In: Batjer H., Loftus C., eds. *Textbook of Neurological Surgery*. Philadelphia: Lippincott-Raven; 2000. (100% Concept Development and Design, 100% Mentoring, 100% Data Acquisition, 100% Analysis, and 100% Writing.)

9. Coleman W. P., Benzel D., Cahill D. W., Ducker T., Geisler F., Green B., Gropper M. R., Goffin J., Madsen P. W. 3rd, Maiman D. J., Ondra S. L., Rosner M., Sasso R. C., **Trost G. R.**, Zeidman S. "A critical appraisal of the reporting of the National Acute Spinal Cord Injury Studies (II and II) of methylprednisolone in acute spinal cord injury." *Journal of Spinal Disorders*. 2000 Jun; 13 (3): 185-99. (5% Concept Development and Design, 5% Mentoring, 0% Data Acquisition, 0% Analysis, and 0% Writing.)
10. **Trost G. R.**, Zdeblick T. "Laparoscopic fusion of the lumbosacral spine." *Techniques in Neurosurgery* 2001 Jun; 7 (2): 152-161. (100% Concept Development and Design, 100% Mentoring, 100% Data Acquisition, 100% Analysis, and 100% Writing.)
11. Rasmussen P., **Trost G. R.**, Tribus C. "Use of bone as an interbody fusion device." *Techniques in Neurosurgery* 2001 Jun; 7 (2): 110-118. (90% Concept Development and Design, 80% Mentoring, 25% Data Acquisition, 90% Analysis, and 25% Writing.)
12. **Trost G. R.** "Illustrative case." *Techniques in Neurosurgery* 2001 Jun; 7 (2): 94-99. (100% Concept Development and Design, 100% Mentoring, 100% Data Acquisition, 100% Analysis, and 100% Writing.)
13. **Trost G. R.** "Guest editor commentary." *Techniques in Neurosurgery* 2001 Jun; 7 (2): 179-181. (100% Concept Development and Design, 100% Mentoring, 100% Data Acquisition, 100% Analysis, and 100% Writing.)
14. **Trost G. R.**, Zdeblick T. "Laparoscopic Fusion with Tapered Interbody Fusion Cages." In: Haid R. W., McLaughlin M. R., Fessler R., eds. *Lumbar Interbody Fusion Techniques: Cages, Dowels, and Grafts*. St. Louis, MO: Quality Medical Publishing, 2002.
15. Resnick, D. k., **Trost G. R.** "Multilevel Discectomies and Interbody Fusions." In: Zdeblick T. and Benzel E., eds. *Controversies in Spine Surgery: Surgical Techniques and Medical Treatment*. St. Louis, MO: Quality Medical Publishing; 2002. P. 40-8. (100% Concept Development and Design, 100% Mentoring, 100% Data Acquisition, 100% Analysis, and 100% Writing.)
16. Swartz K. R., Fee D. B., **Trost G. R.**, Waclawik A. J. "Unilateral calf hypertrophy seen in lumbosacral stenosis: case report and review of the literature." *Spine* (Philadelphia, PA 1976). 2002 Sep 15; 27 (18): E406-9.
17. Resnick D. K., Lapsiwala S., **Trost G. R.**, "Anatomic suitability of the C1-C2 complex for pedicle screw fixation," *Spine* (Philadelphia, PA 1976). 2002 Jul 15; 27 (14): 1494-8. (10% Concept Development and Design, 25% Mentoring, 0% Data Acquisition, 10% Analysis, and 0% Writing.)

18. Lapsiwala S., **Trost G. R.** "Cervical Myelopathy Diagnosis in Differential Diagnosis." In: Benzel, E., ed. *The Cervical Spine – 4th Edition*. Philadelphia: Lippincott Williams & Wilkins; 2002. (75% Concept Development and Design, 100% Mentoring, 25% Data Acquisition, 100% Analysis, and 25% Writing.)
19. **Trost G. R.** Eichler M., Lieberman I. "Education and Knowledge Based Acquisition and Retention." In: Benzel E. C., ed. *Spine Surgery: Techniques, Complication Avoidance, and Management 2nd Edition*. Philadelphia, PA: Elsevier Churchill Livingstone; 2005. (33% Concept Development and Design, 33% Mentoring, 33% Data Acquisition, 33% Analysis, and 33% Writing.)
20. Resnick D.K., **Trost G.R.** "Multiple anterior cervical discectomies and fusion for multilevel cervical spondylosis." *Controversies in Spine Surgery*. Benzel E.C., Zdeblick T.A., Anderson P.A., Stillerman C.B., eds. St. Louis, Missouri: Quality Medical Publishing; 2002.
21. Swartz K. R., Trost G. R. "Bone Substitutes." In: Haid R. W., Subach B. R., Rodts G. E. Jr., eds. *Advances In Spinal Stabilization*. Basel, Switzerland: Karger; 2003. p. 29-38
22. Swartz K. R., **Trost G. R.** "Recurrent lumbar disc herniation." *Neurosurgery Focus*. 2003 Sep 15; 15 (3): E10. (90% Concept Development and Design, 100% Mentoring, 50% Data Acquisition, 100% Analysis, and 50% Writing.)
23. Preston J. K., **Trost G. R.** "Surgical Management of Spondylolisthesis and Spondylolysis." *Textbook of Neurological Surgery*. Batjer H., Loftus C., eds. Philadelphia: Lippincott-Raven; 2003. p. 1684-8.
24. Swartz K., **Trost G. R.** "Retroperitoneal Approaches to the Lumbosacral Spine." *Textbook of Neurological Surgery*. Batjer H., Loftus C., eds. Philadelphia: Lippincott-Raven; 2003. p. 2046-51.
25. **Trost G. R.** "Anterior Instrumentation for the Thoracolumbar Spine." *Textbook of Neurological Surgery*. Batjer H., Loftus C., eds. Philadelphia: Lippincott-Raven; 2003. p. 2139-46.
26. Sandin J. A. III, **Trost G. R.**, Zdeblick T. A. "Lordotic Tapered Cages." *Lumbar Interbody Fusion Techniques: Cages, Dowels, and Grafts*. Haid R. W. Jr., McLaughlin M. R., Fessler R. G., eds. St. Louis, MO: Quality Medical Publishing; 2003. p. 187-200.
27. Resnick D. K., **Trost G. R.** "Dynamic stabilization of the cervical spine." *Seminars in Spine Surgery* 2004; 16: 42-49. (33% Concept Development and

Design, 50% Mentoring, 25% Data Acquisition, 25% Analysis, and 20% Writing.)

28. Moftakhar R., **Trost G.R.** "Anterior cervical plates: a historical perspective." *Neurosurgical Focus* 2004 Jan 15; 16 (1): E8. (75% Concept Development and Design, 100% Mentoring, 50% Data Acquisition, 100% Analysis, and 50% Writing.)
29. Lapsiwala S., **Trost G.R.** "Myelopathy: Diagnosis and Differential Diagnosis." In: Benzel, E., ed. *The Cervical Spine – 4th Edition*. Philadelphia: Lippincott Williams & Wilkins; 2010. p. 199-219.
30. Medow J., Brooks N., **Trost G.R.** "Premier Anterior Cervical Plate." In: Kim D. H., Vaccaro A. R., Fessler R. G., eds. *Spinal Instrumentation: Surgical Techniques*. New York, NY: Thieme Medical Publishers; 2005. p. 123-30. (90% Concept Development and Design, 100% Mentoring, 50% Data Acquisition, 100% Analysis, and 25% Writing.)
31. Medow J. E., Trost G., Sandlin J. "Surgical management of cervical myelopathy: indications and techniques for surgical corpectomy." *The Spine Journal*. 2006 Nov-Dec; 6 (6 Suppl): 233S-241S.
32. Witwer B. P., **Trost G. R.** "Cervical spondylosis: ventral or dorsal surgery." *Neurosurgery*. 2007 Jan; 60 (1 Suppl 1): S130-6.
33. Resnick D. K., **Trost G. R.** "Use of ventral plates for cervical arthrodesis." *Neurosurgery*. 2007 Jan; 60 (1 Suppl 1): S112-7.
34. Witwer, B., **Trost, G.R.** "Cervical Spondylosis: Ventral or Dorsal Surgery." *Neurosurgery* 2007 Jan 1; 60 (Suppl 1): S1-130-S1-136. (80% Concept Development and Design, 100% Mentoring, 60% Data Acquisition, 100% Analysis, and 50% Writing.)
35. Medow J., **Trost G.R.** "Surgical Treatment of Spinal Schwannomas." In: Badie, B., ed. *Neurosurgical Operative Atlas – 2nd Edition: Neuro-oncology*. New York, NY: Thieme Medical Publishers; 2007. p. 85-96. (90% Concept Development and Design, 100% Mentoring, 25% Data Acquisition, 100% Analysis, and 25% Writing.)
36. Ahmed, A., Brooks, J., **Trost, G.R.**, "Costotransversectomy" In: Wolfla E., Resnick D. K., eds. *Neurosurgical Operative Atlas: Spine and Peripheral Nerves*. New York, NY: Thieme; 2007. p. 151-5. (90% Concept Development and Design, 100% Mentoring, 50% Data Acquisition, 100% Analysis, and 25% Writing.)

37. Steinmetz M. P., Rajpal S., **Trost G.** "Segmental spinal instrumentation in the management of scoliosis." *Neurosurgery* 2008 Sept; 63 (3 Suppl): 131-8.
38. Rajpal S., **Trost G.R.** "Posterolateral Fusion with or without Pedicle Screws for Low Back Pain." In: Resnick D. K., Haid R. W. Jr., Wang J. C., eds. *Surgical Management of Low Back Pain*. New York, NY: Thieme Medical Publishers; 2009. p. 76-86
39. Joffe A. M., Ahmed A., **Trost G. R.**, Willman K. "Transient anesthetic-induced worsening of existing left-sided weakness in a patient undergoing elective anterior cervical disectomy." *Journal of Clinical Anesthesia*. 2009 Mar; 21 (2): 131-4.
40. Rajpal S., Gordon D. B., Pellino T. A., Strayer A. L., Brost D., **Trost G. R.**, Zdeblick T. A., Resnick D. K. "Comparison of perioperative oral multimodal analgesia versus IV PCA for spine surgery." *Journal of Spinal Disorders and Techniques*. 2010 Apr; 23 (2): 139-45.
41. S Rajpal, GR Trost. "Cervical Spine Kinematics and the Biomechanics of the Injured Cervical Spine: Craniocervical Junction (Occiput-C2)." In: Vaccaro A. R., Anderson, eds. *Cervical Spine Trauma*. Philadelphia: Rothman Institute; 2010.
42. Mianpuri A. S., **Trost G.R.** "Combined Ventral-Dorsal Surgery." In: Benzel E. D., editor. *Spine Surgery: Techniques, Complication Avoidance, and Management – 3rd Edition*. Philadelphia: Elsevier; 2012. p. 459-464.
43. Strayer A. L., **Trost G.R.** "The Obese Patient." In: Benzel E. D., editor. *Spine Surgery: Techniques, Complication Avoidance, and Management – 3rd Edition*. Philadelphia: Elsevier; 2012. p. 1263-1268.
44. Ugokwe K., Mroz T. E., **Trost G.R.** "Ventral Subaxial Cervical Fixation Techniques." In: Benzel E. D., editor. *Spine Surgery: Techniques, Complication Avoidance, and Management – 3rd Edition*. Philadelphia: Elsevier; 2012. p. 1393-1398.
45. Agrawal B. M., Zeidman S. M., Rhines L., Lebwohl N. H., **Trost G.R.** "Perioperative Management." In: Benzel E. D., editor. *Spine Surgery: Techniques, Complication Avoidance, and Management – 3rd Edition*. Philadelphia: Elsevier; 2012. p. 1727-1742.
46. Baggott C., Patel N. J., **Trost G.R.** "Intradiscal Electrothermy." In: Benzel E. D., editor. *Spine Surgery: Techniques, Complication Avoidance, and Management – 3rd Edition*. Philadelphia: Elsevier; 2012. p. 1822-1840.

47. Swanson K. L., Ugokwe K., Zeidman S. M., Ducker T. B., **Trost G.R.** "Spine Infection." In: Benzel E. D., editor. *Spine Surgery: Techniques, Complication Avoidance, and Management – 3rd Edition*. Philadelphia: Elsevier; 2012. p. 1875-1890.
48. Bauer A. M., Ohaegbulam C., Lieberman I. H., Eichler M., **Trost G.R.** "Education and Knowledge-Base Acquisition and Retention." In: Benzel E. D., editor. *Spine Surgery: Techniques, Complication Avoidance, and Management – 3rd Edition*. Philadelphia: Elsevier; 2012. p. e1979-1984.
49. Ugokwe K., **Trost G.R.** "Total Disc Arthroplasty." In: Benzel E. D., MD, editor. *Spine Surgery: Techniques, Complication Avoidance, and Management – 3rd Edition*. Philadelphia: Elsevier; 2012.
50. Lapsiwala S., **Trost G.R.** "Myelopathy: Diagnosis and Differential Diagnosis." In: Benzel, E., ed. *The Cervical Spine – 5th Edition*. Philadelphia: Lippincott Williams & Wilkins; 2012. p. 203-223
51. Upadhyaya C., Wu J., **Trost G.R.**, Haid R., Traynelis V., Tay B., Coric D., Mummaneni P. "Analysis of the three United States Food and Drug Administration investigational device exemption cervical arthroplasty trials." *Journal of Neurosurgery Spine* 2012; 16: 216-228.
52. Figueredo N., Brooks N., Hanna A., Baskaya M., **Trost G. R.**, Resnick D.K. "Intraspinal ependymomas: case series study of myxopapillary and intramedullary ependymoma." *Chirurgia* 2013 Apr; 26 (2): 101-10.
53. Strayer A., **Trost G.R.** "Advances in Spine Surgery: New Technology and Special Populations Require Ongoing Education." *OR Nurse* 2015 2014 Sept; 8 (5): 12-19. doi: 10.107/01
54. Bydon M., Fredrickson V., De la Garza-Ramos R., Li Y., Lehman R. A. Jr., **Trost G.R.** "Sacral fractures." *Neurosurgery Focus, Special Edition* 2014; 37 (1): E12.
55. Sayama C., Chen T., **Trost G.**, Jea A. "A review of pediatric lumbar spine trauma." *Neurosurgery Focus* 2014; 37 (1): E6.
56. Ondoma S. M., Li Y., **Trost G.R.** "Occipitocervical Spine." In: Michael P Steinmetz, MD and Edward C. Benzel, MD, editors. *Benzel's Spine Surgery: Techniques, Complication Avoidance, and Management – 4th Edition*. Philadelphia: Elsevier; 2017. p. 377-385.
57. Haldeman C., **Trost G.R.** "Combined Ventral-Dorsal Surgery." In: Michael P Steinmetz, MD and Edward C. Benzel, MD, editors. *Benzel's Spine*

Surgery: Techniques, Complication Avoidance, and Management – 4th Edition. Philadelphia: Elsevier; 2017. p. 589-593.

58. Strayer A. L., **Trost G.R.** “The Obese Patient.” In: Michael P Steinmetz, MD and Edward C. Benzel, MD, editors. *Benzel’s Spine Surgery: Techniques, Complication Avoidance, and Management – 4th Edition*. Philadelphia: Elsevier; 2017. p. 1521-1526.
59. Ha S., Schmidt B., Corriveau M., Strayer A. L., **Trost G.R.** “Geriatric Spine.” In: Michael P Steinmetz, MD and Edward C. Benzel, MD, editors. *Benzel’s Spine Surgery: Techniques, Complication Avoidance, and Management – 4th Edition*. Philadelphia: Elsevier; 2017. p. 1527-1535.
60. Hamilton K., **Trost G. R.** “Anterior Cervical Corpectomy.” In: Wolfla C. E., Resnick D. K., eds. *Neurosurgical Operative Atlas: Spine and Peripheral Nerves – 3rd Ed*. New York, NY: Thieme; 2017. p. 71-76.
61. Ondoma S. M., Ahmed A. S., **Trost G. R.** “Costotransversectomy.” In: Wolfla C. E., Resnick D. K., eds. *Neurosurgical Operative Atlas: Spine and Peripheral Nerves – 3rd Ed*. New York, NY: Thieme; 2017. p. 170-176.
62. Spinner, R., Gilmer, H., Trost, G. R. “Introduction: the value of peripheral nerve surgery.” *Neurosurgical Focus, Video Atlas – Peripheral Nerve* 2018 Jan; 44 (VideoSuppl1): Intro <http://thejns.org/toc/foc/44/VideoSuppl1>
63. Medow J., **Trost G. R.** “Cervical Disc Disease.” In: Wilkins R.H. and Rengachary S. eds. *Neurosurgery – 3rd Edition*. New York, NY: McGraw Hill. (Submitted) (75% Concept Development and Design, 100% Mentoring, 50% Data Acquisition, 75% Analysis, and 50% Writing.)
64. Rajpal, S., **Trost, G.R.**, “Ventral Fixation in Deformity Surgery” *Neurosurgery, Special Supplement*. (In preparation.)

ABSTRACTS

1. Resnick D. K., **Trost G. R.**, Zdeblick T. A., and Cheng B. C., “The utility of frameless stereotaxy in complex deformities of the spine”. National Association of Spine Surgeons Meeting, 1999.
2. Lapsiwala, S., *Comparing Biomechanics of Four C1-C2 Rigid Fixative*. Anderson, P., *Techniques: Anterior Transarticular, Posterior Transarticular, C1. Trost, G.R. C2 Pedicle and C2 Translaminar Screw Techniques*. Resnick, D. (Poster). 2004 Annual Meeting of the Cervical Spine Research Society

PRESENTATIONS

Departmental Lectures

1. **Trost, G.R.**, *Surgical approaches to the craniocervical junction*. Grand Rounds, University of Wisconsin Department of Neurological Surgery. Madison, Wisconsin, January 6, 1999.
2. **Trost, G.R.**, *Surgical approaches to the cervicothoracic junction*. Grand Rounds, University of Wisconsin Department of Neurological Surgery. Madison, Wisconsin, January 13, 1999.
3. **Trost, G.R.**, *Spinal infections*. Grand Rounds, University of Wisconsin Department of Neurological Surgery. Madison, Wisconsin, April 4, 2001.
4. **Trost, G.R.**, *Occipitocervical Fixation*. Grand Rounds, University of Wisconsin Department of Neurological Surgery. Madison, Wisconsin, February 26, 2003.
5. **Trost, G.R.**, *Frameless Stereotaxis in Spinal Surgery*. Grand Rounds, University of Wisconsin Department of Orthopedic Surgery. Madison, Wisconsin, June 16, 2004.

Medical School/Hospital Lectures/Graduate School

1. **Trost, G.R.**, *The Cervical Spine In Trauma and Degenerative Disease*. Lecture to third and fourth year medical students. University of Wisconsin-School of Medicine. Madison, Wisconsin, Five Lectures, 1996.
2. **Trost, G.R.**, *The Cervical Spine In Trauma and Degenerative Disease*. Lecture to third and fourth year medical students. University of Wisconsin-School of Medicine. Madison, Wisconsin, Five Lectures, 1997.
3. **Trost, G.R.**, *The Cervical Spine In Trauma and Degenerative Disease*. Lecture to third and fourth year medical students. University of Wisconsin-School of Medicine. Madison, Wisconsin, Five Lectures, 1998.
4. **Trost, G.R.**, *Neurosurgical Approaches to Cervical Pain*. Cervical-Thoracic Pain and Headaches: A Primary Care Approach Conference. University of Wisconsin Medical School. Madison, WI, September 25-26, 1998.
5. **Trost, G.R.**, *Spine Trauma*. Trauma Care Symposium. University of Wisconsin. Madison, WI, April 23, 1999.
6. **Trost, G.R.**, *the Cervical Spine In Trauma and Degenerative Disease*. Lecture to third and fourth year medical students. University of Wisconsin-

School of Medicine. Madison, Wisconsin, Five Lectures, 1999.

7. **Trost, G.R.**, *Lumbar disk disease*. Lecture to second-year medical students, University of Wisconsin-School of Medicine. Madison, Wisconsin, January 1999.
8. **Trost, G.R.**, *The Cervical Spine In Trauma and Degenerative Disease*. Lecture to third and fourth year medical students. University of Wisconsin-School of Medicine. Madison, Wisconsin, Five Lectures, 2000.
9. **Trost, G.R.**, *The Cervical Spine In Trauma and Degenerative Disease*. Lecture to third and fourth year medical students. University of Wisconsin-School of Medicine. Madison, Wisconsin, Five Lectures, 2001.
10. **Trost, G.R.**, *Spinal stabilization surgery*. University of Wisconsin Department of Rehabilitation Medicine, Madison, Wisconsin, February 9, 2001.
11. **Trost, G.R.**, *Spinal Cord and Root Disease*. Lecture to third and fourth year medical students. University of Wisconsin-School of Medicine, Neurosciences Clerkship Course. Madison, Wisconsin, Five Lectures, 2002.
12. **Trost, G.R.**, *Surgical Treatment of Herniated Lumbar Disc*. University of Wisconsin Orthopedic/Rehabilitation Spine Symposium. Madison, Wisconsin, September 27, 2002.
13. **Trost, G.R.**, *Spinal Cord and Root Disease*. Lecture to third and fourth year medical students. University of Wisconsin-School of Medicine, Neurosciences Clerkship Course. Madison, Wisconsin, Five Lectures, 2003.
14. **Trost, G.R.**, *Spinal Cord and Root Disease*. Lecture to third and fourth year medical students. University of Wisconsin-School of Medicine, Neurosciences Clerkship Course. Madison, Wisconsin, Five Lectures, 2004.
15. **Trost, G.R.**, *Frameless Stereotaxis in Spinal Surgery*. University of Wisconsin Orthopedic Grand Rounds. Madison, Wisconsin, June 16, 2004.
16. **Trost, G.R.**, *Spinal Cord and Root Disease*. Lecture to third and fourth year medical students. University of Wisconsin-School of Medicine, Neurosciences Clerkship Course. Madison, Wisconsin, Five Lectures, 2005.
17. **Trost, G.R.**, *Spinal Cord and Root Disease*. Lecture to third and fourth year medical students. University of Wisconsin-School of Medicine, Neurosciences Clerkship Course. Madison, Wisconsin, Five Lectures, 2006.

18. **Trost, G.R.**, *Brachial Plexus Injuries*. Neuroanatomy Course, Madison, Wisconsin, April 23, 2007, University of Wisconsin, School of Medicine and Public Health.
19. **Trost, G.R.**, *Cervical Spine Lesions*. Neuroanatomy Course, Madison, Wisconsin April 27, 2007. University of Wisconsin, School of Medicine and Public Health.
20. **Trost, G.R.** Mini Medschool, Treatment of Cervical Disc Disease, Fall semester 2011. University of Wisconsin, School of Medicine and Public Health.
21. **Trost, G.R.** Neuroscience 611, Clinical Correlations, Spring semester 2011 University of Wisconsin, School of Medicine and Public Health
22. **Trost, G.R.** University of Wisconsin AMSA meeting, Surgeons and the Law, Fall semester 2011. University of Wisconsin, School of Medicine and Public Health.
23. **Trost, G.R.** Neuroscience 611, Clinical colorations, Spring semester 2012 University of Wisconsin, School of Medicine and Public Health
24. **Trost, G.R.** Neuroscience 622-731, Medical Neuroanatomy, spring semester 2013. University of Wisconsin, School of Medicine and Public Health
25. **Trost, G.R.** Neuroscience 611, Clinical Correlations, spring semester 2014. University of Wisconsin, School of Medicine and Public Health

State and Regional Lectures

1. **Trost, G.R.**, *Evaluation and treatment of head injury*. Reedsburg Memorial Hospital. Reedsburg, WI, January 1992.
2. **Trost, G.R.**, *Evaluation and treatment of spinal cord injury in the emergency room*. Community Hospital. Edgerton, WI, April 1992.
3. **Trost, G.R.**, *Evaluation and treatment of brain tumors*. Meriter Hospital. Madison, WI, March 1993.
4. **Trost, G.R.**, *Current therapy of brain tumors*. Meeting of Neuroscience Nurses. Madison, WI, October 1993.
5. **Trost, G.R.**, *Treatment of spinal cord injury*. Meeting of Southeastern Wisconsin Critical Care Nurses. Madison, WI, Winter 1994.

6. **Trost, G.R.**, *Challenges of the lumbar spine discussion group*. Kohler, WI, June 28, 2001.
7. **Trost, G.R.**, *Challenges of the lumbar spine discussion group*. Milwaukee, WI, July 14, 2001.
8. **Trost, G.R.**, *Surgical Treatment of Low Back Pain*. Anterior Cervical Fusion, Marquette Annual Neuroscience Meeting. Marquette, Michigan, June 5-6, 2003.
9. **Trost, G.R.**, *Cervical Spine Grand Rounds*. Cervical Spine Training, Medtronic Sofamor Danek. Oshkosh, Wisconsin, March 23, 2004.
10. **Trost, G.R.**, *Update on Spinal Cord Injury*. Cervical Spine Training, Medtronic Sofamor Danek. Oshkosh, Wisconsin, March 31, 2004.

National Lectures

1. **Trost, G.R.**, Goknur A, Haworth R, Duff T. *The effect of bilirubin on canine vascular smooth muscle cells* (poster). Annual Meeting, American Association of Neurological Surgeons (AANS). San Francisco, California, April 1992.
2. **Trost, G.R.**, *Frameless stereotaxis in spinal surgery*. Joint Section, Disorders of the Spine and Peripheral Nerves. Orlando, Florida March 2, 1996.
3. **Trost, G.R.**, *Thoracolumbar stabilization*. Annual Meeting, American Association of Neurological Surgeons (AANS). Philadelphia, Pennsylvania, April 1998.
4. **Trost, G.R.**, *Approaches to the craniocervical junction*. Spine Surgery Hands-on, American Association of Neurological Surgeons (AANS). Albuquerque, New Mexico, May 16-22, 1998.
5. **Trost, G.R.**, *Approaches to the cervicothoracic junction*. Spine Surgery Hands-on, American Association of Neurological Surgeons (AANS). Albuquerque, New Mexico, May 16-22, 1998.
6. **Trost, G.R.**, *Ventral and dorsal thoracic and lumbar fixation techniques*. Spine Surgery Hands-on, American Association of Neurological Surgeons (AANS). Albuquerque, New Mexico, May 16-22, 1998.

7. **Trost, G.R.**, *Care of same-day major surgical patients*. Spine Surgery Hands-on, American Association of Neurological Surgeons (AANS). Albuquerque, New Mexico, May 16-22, 1998.
8. **Trost, G.R.**, *Knowledge Assessment Activities, Parts 1, 2, and 3, and Case Presentations*. Spine Surgery Hands-on, American Association of Neurological Surgeons (AANS). Albuquerque, New Mexico, May 16-22, 1998.
9. **Trost, G.R.**, *Approaches to the craniocervical junction*. Spine Surgery Hands-on, American Association of Neurological Surgeons (AANS). Albuquerque, New Mexico, August 15-21, 1998.
10. **Trost, G.R.**, *Approaches to the cervicothoracic junction*. Spine Surgery Hands-on, American Association of Neurological Surgeons (AANS). Albuquerque, New Mexico, August 15-21, 1998.
11. **Trost, G.R.**, *Ventral and dorsal thoracic and lumbar fixation techniques*. Spine Surgery Hands-on, American Association of Neurological Surgeons (AANS). Albuquerque, New Mexico, August 15-21, 1998.
12. **Trost, G.R.**, *Care of same-day major surgical patients*. Spine Surgery Hands-on, American Association of Neurological Surgeons (AANS). Albuquerque, New Mexico, August 15-21, 1998.
13. **Trost, G.R.**, *Knowledge Assessment Activities, Parts 1, 2, and 3, and Case Presentations*. Spine Surgery Hands-on, American Association of Neurological Surgeons (AANS). Albuquerque, New Mexico, August 15-21, 1998.
14. **Trost, G.R.**, *Lumbosacral fixation workshop*. Annual Meeting, Congress of Neurological Surgeons. Seattle, Washington, October 3-8, 1998.
15. **Trost, G.R.**, *Cervical myelopathy luncheon seminar*. Annual Meeting, Congress of Neurological Surgeons (CNS). Seattle, Washington, October 3-8, 1998.
16. **Trost, G.R.**, *Spondylolisthesis luncheon seminar*. Annual Meeting, Congress of Neurologically Surgeons (CNS). Seattle, Washington, October 3-8, 1998.
17. **Trost, G.R.**, *Approaches to the craniocervical junction*. Spine Surgery Hands-on, American Association of Neurological Surgeons (AANS). Albuquerque, New Mexico, May 15-21, 1999.
18. **Trost, G.R.**, *Approaches to the cervicothoracic junction*. Spine Surgery Hands-on, American Association of Neurological Surgeons (AANS). Albuquerque, New Mexico, May 15-21, 1999.

19. **Trost, G.R.**, *Ventral and dorsal thoracic and lumbar fixation techniques*. Spine Surgery Hands-on, American Association of Neurological Surgeons (AANS). Albuquerque, New Mexico, May 15-21, 1999.
20. **Trost, G.R.**, *Care of same-day major surgical patients*. Spine Surgery Hands-on, American Association of Neurological Surgeons (AANS). Albuquerque, New Mexico, May 15-21, 1999.
21. **Trost, G.R.**, *Knowledge Assessment Activities, Parts 1, 2, and 3, and Case Presentations*. Spine Surgery Hands-on, American Association of Neurological Surgeons (AANS). Albuquerque, New Mexico, May 15-21, 1999.
22. **Trost, G.R.**, *Lateral mass anatomy*. Spine and Peripheral Nerve Workshop, Uniformed Services University of the Health Sciences, Bethesda, MD, June 7-15, 1999.
23. **Trost, G.R.**, *Anterior lumbar interbody fusion*. Ventral Surgical Approaches for the Thoracic and Lumbar Spine, 1999 Professional Development Program, American Association of Neurological Surgeons (AANS). San Antonio, Texas, September 24-25, 1999.
24. **Trost, G.R.**, *Transperitoneal approach to the lumbar spine*. Ventral Surgical Approaches for the Thoracic and Lumbar Spine, 1999 Professional Development Program, American Association of Neurological Surgeons (AANS). San Antonio, Texas, September 24-25, 1999.
25. **Trost, G.R.**, *Management of lesions of the cervicothoracic junction*. Annual Meeting, Congress of Neurological Surgeons (CNS). Boston, Massachusetts, October 30-November 4, 1999.
26. **Trost, G.R.**, *Anterior lumbar interbody fusion* (morning and afternoon presentations). Annual Meeting, Congress of Neurological Surgeons (CNS). Boston, Massachusetts, October 30-November 4, 1999.
27. **Trost, G.R.**, *Thoracic and lumbar stabilization and fusion*. Annual Meeting, American Association of Neurological Surgeons. San Francisco, California, April 8-13, 2000.
28. **Trost, G.R.**, *Cervical plating*. Twelfth Annual International Spine & Peripheral Nerve Workshop Cervical Course, Uniformed Services University of The Health Sciences. Bethesda, MD, June 8-11, 2000.

29. **Trost, G.R.**, *Cervical biomechanics*. Twelfth Annual International Spine & Peripheral Nerve Workshop Cervical Course, Uniformed Services University of The Health Sciences. Bethesda, MD, June 8-11, 2000.
30. **Trost, G.R.**, *Cervical cages*. Twelfth Annual International Spine & Peripheral Nerve Workshop Cervical Course, Uniformed Services University of The Health Sciences. Bethesda, MD, June 8-11, 2000.
31. **Trost, G.R.**, *Approaches to the craniocervical junction*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, August 19-25, 2000.
32. **Trost, G.R.**, *Approaches to the cervicothoracic junction*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, August 19-25, 2000.
33. **Trost, G.R.**, *Ventral and dorsal thoracic and lumbar fixation techniques*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, August 19-25, 2000.
34. **Trost, G.R.**, *Care of same-day major surgical patients*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, August 19-25, 2000.
35. **Trost, G.R.**, *Knowledge Assessment Activities, Parts 1, 2, and 3, and Case Presentations*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, August 19-25, 2000.
36. **Trost, G.R.**, *Management of lesions at the cervicothoracic junction*. Annual Meeting of the Congress of Neurological Surgeons. San Antonio, TX, September 26, 2000.
37. **Trost, G.R.**, *Innovations in cage technique – restoration of lordosis and endplate preservation*. Innovations in Tapered Lumbar Interbody Fusion. Live Surgical Teleconference for broadcast throughout the United States, January 6, 2001.
38. **Trost, G.R.**, *What's New?* Moderator, Session III. American Association of Neurological Surgeons and Congress of Neurological Surgeons Section on Disorders of the Spine and Peripheral Nerves. Phoenix, AZ, February 16, 2001.
39. **Trost, G.R.**, *Surgical approaches to the craniocervical junction*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, May 12-18, 2001.
40. **Trost, G.R.**, *Surgical exposure of the cervicothoracic region*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, May 12-18, 2001.

41. **Trost, G.R.**, *Spine Bowl I, II, & Finale*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, May 12-18, 2001.
42. **Trost, G.R.**, *Ventral and dorsal thoracic and lumbar fixation techniques*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, May 12-18, 2001.
43. **Trost, G.R.**, *Ventral cervical fixation techniques*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, May 12-18, 2001.
44. **Trost, G.R.**, *Ventral surgery of the subaxial spine*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, May 12-18, 2001.
45. **Trost, G.R.**, *The IDET procedure*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, May 12-18, 2001.
46. **Trost, G.R.**, *Fixation strategies for the cervicothoracic junction*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, May 12-18, 2001.
47. **Trost, G.R.**, *Upper Cervical Spine: Anatomy/Biomechanics*. Thirteenth Annual International Bethesda Spine & Peripheral Nerve Workshop Cervical Course. Uniformed Services University of The Health Sciences. Bethesda, MD, June 7-9, 2001.
48. **Trost, G.R.**, *Subaxial Cervical Spine: Anterior Approaches*. Thirteenth Annual International Bethesda Spine & Peripheral Nerve Workshop Cervical Course. Uniformed Services University of The Health Sciences, Bethesda, MD, June 7-9, 2001.
49. **Trost, G.R.**, *Treatment of Cervical-Thoracic Junction Trauma Instability*. Global Spine: Surgical Principles and the Latest Techniques. Maui, Hawaii, June 14-17, 2001.
50. **Trost, G.R.**, *PLIF, TLIF, Posterolateral Fusion*. Congress of Neurological Surgeons (CNS). San Diego, CA, September 29, 2001.
51. **Trost, G.R.**, *IDET*. Meeting, Joint Section of Spinal Surgery and Peripheral Nerves, Orlando, Florida, March 2, 2002.
52. **Trost, G.R.**, *Anterior Cervical Plating: The Evolution of Cervical Plates and Experience with a New Dynamic Device*. Neurosurgical Society of America (NSA). Kiawah Island, South Carolina, April 24, 2002.
53. **Trost, G.R.**, *Approaches to the cranial cervical junction*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, May 5, 2002.

54. **Trost, G.R.**, *Approaches to the cervical thoracic junction*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, May 7, 2002.
55. **Trost, G.R.**, *Approaches to the thoracic and lumbar spine*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, May 8, 2002.
56. **Trost, G.R.**, *Ventral and dorsal thoracic and lumbar spine fixation technique*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, May 8, 2002.
57. **Trost, G.R.**, *ALIF, PLIF, TLIF-alternatives*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, May 9, 2002.
58. **Trost, G.R.**, *Knowledge assessment activities*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, May 7-9, 2002.
59. **Trost, G.R.**, *Anterior and posterior cervical fixation devises-new advances*. Vanderbilt University. Nashville, Tennessee, May 15, 2002.
60. **Trost, G.R.**, *Anterior and posterior cervical fixation devises-new advances*. San Diego, California, June 28, 2002.
61. **Trost, G.R.**, *Cervical Spine Trauma; Anterior and Posterior*. Global Spine Meeting. Maui, Hawaii, July 2002.
62. **Trost, G.R.**, *Lab on Anterior Cervical Plating*. Global Spine Meeting. Maui, Hawaii, July 2002.
63. **Trost, G.R.**, *Revision Lumbar Surgery: When Decompression is the Only Reasonable Alternative*. Joint Session, Spinal Peripheral Nerves, Congress of Neurological Surgeons (CNS). Philadelphia, Pennsylvania, September 25, 2002.
64. **Trost, G.R.**, *Computer Assisted Spinal Surgery*. Maryland General Hospital. Baltimore, Maryland, October 24-26, 2002.
65. **Trost, G.R.**, *Introduction of Degenerative Disc Disease of the Lumbar Spine*. Advanced Training for the Treatment of Degenerative Disc Disease, Lumbar & Cervical Spine Session, Medtronic Sofamor Danek. Memphis, Tennessee, September 7, 2002.
66. **Trost, G.R.**, *Imaging for Degenerative Disc Disease of the Lumbar Spine*. Advanced Training for the Treatment of Degenerative Disease, Lumbar & Cervical Spine Session, Medtronic Sofamor Danek. Memphis, Tennessee, September 7, 2002.

67. **Trost, G.R.**, *Selecting the Form of Interbody Operation*. Advanced Training for the Treatment of Degenerative Disc Disease, Lumbar & Cervical Spine Session, Medtronic Sofamor Danek. Memphis, Tennessee, September 7, 2002.
68. **Trost, G.R.**, *Selecting the Form of Interbody Implants*. Advanced Training for the Treatment of Degenerative Disc Disease, Lumbar & Cervical Spine Session, Medtronic Sofamor Danek. Memphis, Tennessee, September 7, 2002.
69. **Trost, G.R.**, *Anatomical Overview of the Cervical Spine*. Advanced Training for the Treatment of Degenerative Disc Disease, Lumbar & Cervical Spine Session, Medtronic Sofamor Danek. Memphis, Tennessee, September 8-9, 2002.
70. **Trost, G.R.**, *Introduction of Degenerative Disc Disease of the Cervical Spine*. Advanced Training for the Treatment of Degenerative Disc Disease, Lumbar & Cervical Spine Session, Medtronic Sofamor Danek. Memphis, Tennessee, September 9, 2002.
71. **Trost, G.R.**, *Imaging for Degenerative Disc Disease of the Cervical Spine*. Advanced Training for the Treatment of Degenerative Disc Disease, Lumbar & Cervical Spine Session, Medtronic Sofamor Danek. Memphis, Tennessee, September 9, 2002.
72. **Trost, G.R.**, *Selecting the Form of Construct & Procedure*. Advanced Training for the Treatment of Degenerative Disc Disease, Lumbar & Cervical Spine Session, Medtronic Sofamor Danek. Memphis, Tennessee, September 10, 2002.
73. **Trost, G.R.**, *Surgical Approaches to the Cervical Spine; What for Which Patient*. Advanced Training for the Treatment of Degenerative Disc Disease, Lumbar & Cervical Spine Session, Medtronic Sofamor Danek. Memphis, Tennessee, September 10, 2002.
74. **Trost, G.R.**, *Anterior Cervical Fixation*. Medtronic Sofamor Danek. Las Vegas, Nevada, February 28, 2003.
75. **Trost, G.R.**, *Surgical Treatment of Low Back Pain*. Neurosurgical Society of America (NSA). Sun River, Oregon, June 11, 2003.
76. **Trost, G.R.**, *Approaches to the Craniocervical Junction*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, August 14-20, 2003.
77. **Trost, G.R.**, *Approaches to the Cervical Thoracic Junction*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, August 14-20, 2003.

78. **Trost, G.R.**, *Ventral and Dorsal Fixation Techniques for Thoracic and Lumbar Spine Stabilization*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, August 14-20, 2003.
79. **Trost, G.R.**, *Knowledge Assessment Activity*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, August 14-20, 2003.
80. **Trost, G.R.**, *Artificial Cervical Discs*. Advances in Spine Surgery, American Association of Neurological Surgeons (AANS). Kohler, Wisconsin, September 19-21, 2003.
81. **Trost, G.R.**, *Artificial Cervical Discs*. Advances in Spine Surgery, American Association of Neurological Surgeons (AANS). Denver, Colorado, October 18-23, 2003.
82. **Trost, G.R.**, *Update on Frameless Stereotaxis for Spinal Surgery*. Advances in Spine Surgery, American Association of Neurological Surgeons (AANS). Denver, Colorado, October 18-23, 2003.
83. **Trost, G.R.**, *Anterior Cervical Plating*. Spine Science Management. New Orleans, LA, November 21-23, 2003, New Orleans, LA.
84. **Tost, G.R.**, *Thoracic and Lumbar Stabilization Fusion: Indications and Complications*. American Association of Neurological Surgeons. Orlando, Florida, March 2, 2004.
85. **Trost, G.R.**, *Guidelines for Cervical Spine and Spinal Cord Injury*. American Association of Neurological Surgeons. Orlando, Florida, March 2, 2004.
86. **Trost, G.R.**, Strayer, A., *Initiation of a Multidisciplinary Brachial Plexus Clinic*. Joint Section, Spine and Peripheral Nerves, American Association of Neurological Surgeons (AANS) and Congress of Neurological Surgeons (CNS). San Diego, California, March 17-20, 2004.
87. **Trost, G.R.**, *Wear Characteristics of the Prestige Disc*. Joint Section, Spine and Peripheral Nerves, American Association of Neurological Surgeons (AANS) and Congress of Neurological Surgeons (CNS). San Diego, California, March 18, 2004.
88. **Trost, G.R.**, *Introduction of AANN President*. American Association of Neuroscience Nurses (AANN). San Antonio, Texas, April 17, 2004.
89. **Trost, G.R.**, *ALIF, PLIF, and TLIF with recombinant BMP 2*. Modern Techniques in Future Trans and Lumbar Interbody Fusion, American Association of Neurological Nurses (AANN). Orlando, Florida, May 1, 2004.

90. **Trost, G.R.**, *Spinal Pathologies*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, May 19-25, 2004.
91. **Trost, G.R.**, *Approaches to the Craniocervical Junction*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, May 19-25, 2004.
92. **Trost, G.R.**, *Exposures of the Cervical Thoracic Junction*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, May 19-25, 2004.
93. **Trost, G.R.**, *Ventral Cervical Fixation Techniques*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, May 19-25, 2004.
94. **Trost, G.R.**, *Ventral Surgery of the Subaxial Cervical Spine*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, May 19-25, 2004.
95. **Trost, G.R.**, *Knowledge Assessment Activities*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, May 19-25, 2004.
96. **Trost, G.R.**, *Anterior Lumbar Interbody Fusion and Treatment of Low Back Pain*, Neurosurgical Society of America (NSA). Santa Fe, New Mexico, June 9, 2004.
97. **Trost, G.R.**, *Anterior Approaches to Lumbosacral Spine*. Congress of Neurological Surgeons (CNS). San Francisco, CA, October 17, 2004.
98. **Trost, G.R.**, *Emerging Technologies in Thoracolumbar Surgery*. Congress of Neurological Surgeons (CNS). San Francisco, CA, October 17, 2004.
99. **Trost, G.R.**, *Lumbar Fusion Treatment Options*. Spinal Focus Meeting. New York, NY, December 3-4 2004.
100. **Trost, G.R.**, *Cervical Spine Disease*. Spinal Focus Meeting. New York, NY, December 3-4 2004.
101. **Trost, G.R.**, *Surgical Approaches to the Craniocervical Junction*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, July 13-19, 2005.
102. **Trost, G.R.**, *Ventral Surgery of the Subaxial Spine*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, July 13-19, 2005.
103. **Trost, G.R.**, *Ventral Cervical Fixation Techniques*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, July 13-19, 2005.
104. **Trost, G.R.**, *Surgical Exposure of the Cervicothoracic Junction*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, July 13-19, 2005.

105. **Trost, G.R.**, *Ventral and Dorsal Thoracic and Lumbar Fixation Techniques*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, July 13-19, 2005.
106. **Trost, G.R.**, *Knowledge Assessment Activities*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, July 13-19, 2005.
107. **Trost, G.R.**, *Laboratory Information*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, July 13-19, 2005.
108. **Trost, G.R.**, *Core Presentation*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, July 13-19, 2005.
109. **Trost, G.R.**, *Spinal Pathologies*. Spine Review, Cleveland Clinic Foundation. Cleveland, Ohio, July 13-19, 2005.
110. **Trost, G.R.**, *Emerging Technologies in Spine*. Approaches to the Lumbosacral Spine. Boston, Massachusetts, October 8-13, 2005.
111. **Trost, G.R.**, *Nurse Course Lecture Topics in Spine Trauma*. Approaches to the Lumbosacral Spine. Boston, Massachusetts, October 8-13, 2005.
112. **Trost, G.R.**, *Treatment of Cervical Spondylosis, Laminectomy, Laminectomy with Fusion, and Laminoplasty*. Approaches to the Lumbosacral Spine. Boston, Massachusetts, October 8-13, 2005.
113. **Trost, G.R.**, *Thoracic and Lumbar Stabilization and Fusion: Indications and Complications*. Faculty, American Association of Neurological Surgeons. San Francisco, CA, April 22, 2006.
114. **Trost, G.R.**, *Thoracic Pedicle Screw Placement*. Lecturer, American Association of Neurological Surgeons. San Francisco, CA, April 22, 2006.
115. **Trost, G.R.**, *Management of Spinal Axis Trauma*. Moderator, American Association of Neurological Surgeons. San Francisco, CA, April 24, 2006.
116. **Trost, G.R.**, *Guidelines for the Management of Acute Spinal Cord Injuries*. Lecturer, American Association of Neurological Surgeons. San Francisco, CA, April 24, 2006.
117. **Trost, G.R.**, *Biomaterials in Arthroplasty*. Lecturer, American Association of Neurological Surgeons. San Francisco, CA, April 25, 2006.
118. **Trost, G.R.**, *Thoracic and Lumbar Stabilization and Fusion: Indications and Complications*. Artificial Lumbar Disc. Lecturer, American Association of Neurological Surgeons. San Francisco, CA, April 25, 2006.

119. **Trost, G.R.**, *Management of Spinal Axis Trauma*. Artificial Lumbar Disc. Moderator, American Association of Neurological Surgeons. San Francisco, CA, April 26, 2006.
120. **Trost, G.R.**, *Lumbar Burst Fractures*. Artificial Lumbar Disc. Lecturer, American Association of Neurological Surgeons. San Francisco, CA, April 22, 2006.
121. **Trost, G.R.**, *Treatment of Brachial Plexus Avulsion Injuries*. Neurosurgical Society of America. Ojai, California, June 4-7, 2006.
122. **Trost, G.R.**, *Approaches to the Cranial Cervical Junction*. Cleveland Clinic Spine Review, Cleveland, Ohio, July 19-25, 2006.
123. **Trost, G.R.**, *Approaches to the Cervical Thoracic Junction*. Cleveland Clinic Spine Review, Cleveland, Ohio, July 19-25, 2006.
124. **Trost, G.R.**, *Placement of Thoracic Pedicle Screws*. Congress of Neurological Surgeons, Emerging Technologies in Thoracic and Lumbar Fixation, Chicago, Illinois, October 8-13, 2006
125. **Trost, G.R.**, *Update on Frameless Stereotaxis*. Congress of Neurological Surgeons, Emerging Technologies in Thoracic and Lumbar Fixation, Chicago, Illinois, October 8-13, 2006
126. **Trost, G.R.**, *Posterior Cervical Fixation Techniques*. Fundamental Principles and Techniques in Spinal Surgery, San Diego, California, February 2-3, 2007
127. **Trost, G.R.**, *Treatment of Brachial Plexus Avulsions Injuries*. Rachidian Meeting, Kona, Hawaii, February 4-8, 2007
128. **Trost, G.R.**, *The Use of Frameless Stereotaxis for Spinal Surgery*. Rachidian Meeting, Kona, Hawaii, February 4-8, 2007
129. **Trost, G.R.**, *The Development of a Multidisciplinary Spine Center*, Phoenix, Arizona, March 29-30, 2007
130. **Trost, G.R.**, *Placement of Thoracic Pedicle Screws*. Thoracic and Lumbar Spinal Fusion, Washington, DC, April 15, 2007
131. **Trost, G.R.**, *Neuro Monitoring for the Placement of Lumbar Pedicle Screws*. Pittsburgh, PA, May 3, 2007
132. **Trost, G.R.**, *Approaches to the Craniocervical Junction*, Cleveland Clinic Spine Review, Cleveland, OH, Jul 18-24, 2007

133. **Trost, G.R.**, Ventral Cervical Fixation Techniques, Cleveland Clinic Spine Review, Cleveland, OH, July 18-24, 2007
134. **Trost, G.R.**, Approaches to the Cervicothoracic Junction, Cleveland Clinic Spine Review, Cleveland Ohio, July 18-24, 2007
135. **Trost, G.R.**, Cervical Arthroplasty, Cleveland Clinic Spine Review, Cleveland Ohio, July 18-24, 2007
136. **Trost, G.R.**, Approaches to the Craniocervical Junction, Cleveland Clinic Spine Review, Cleveland, OH, July 16-22, 2008
137. **Trost, G.R.**, Ventral Cervical Fixation Techniques, Cleveland Clinic Spine Review, Cleveland, OH, July 16-22, 2008
138. **Trost, G.R.**, Approaches to the Cervicothoracic Junction, Cleveland Clinic Spine Review, Cleveland, Ohio, July 16-22, 2008
139. **Trost, G.R.**, Cervical Arthroplasty, Cleveland Clinic Spine Review, Cleveland, Ohio, July 16-22, 2008
140. **Trost, G.R.**, Ventral Surgery of the Cervical Spine Indications and Techniques, Cleveland Spine Review Hands On, Cleveland, Ohio, July 22-28, 2009
141. **Trost, G.R.**, Surgery of the Craniocervical Junction: Indications and Techniques, Cleveland Spine Review Hands On, Cleveland, Ohio, July 22-28, 2009
142. **Trost, G.R.**, Surgical Approaches to the Craniocervical Junction, Cleveland Spine Review Hands On, Cleveland, Ohio, July 22-28, 2009
143. **Trost, G.R.**, Cervical Disc Arthroplasty Indications and Techniques, Cleveland Spine Review Hands On, Cleveland, Ohio, July 22-28, 2009
144. **Trost, G.R.**, Ventral Approaches to the Cervical Spine and Cervico Thoracic Junction, Cleveland Spine Review Hands On, Cleveland, Ohio, July 22-28, 2009
145. **Trost, G.R.**, Teaching People to Work in Teams, World Federation of Neurological Surgeons, Boston, MA August 27-September 4, 2009
146. **Trost, G.R.**, Spine Plenary Session, Oral Board Review Course, Houston, TX, November 8-10, 2009

147. **Trost, G.R.** Spine Surgery Tutorial, Spine Surgery for Nonspine Surgeons, Oral Board Review Course, Houston, TX, November 8-10, 2009
148. **Trost, G.R.** Frameless Stereotactic Myths and Facts-A 15 Year Experience, Winter Neurosurgery Conference, Aspen, CO, February 21, 2010
149. **Trost, G.R.** Biomechanics of the Lumbar Sacral Junction, Congress of Neurological Surgeons, San Francisco, CA, October 16-21, 2010
150. **Trost, G.R.** Trends in Spine Surgery, Congress of Neurological Surgeons, San Francisco, CA, October 16-21, 2010
151. **Trost, G.R.** Pseudoarthrosis of the Cervical Spine, Congress of Neurological Surgeons, San Francisco, CA, October 16-21, 2010
152. **Trost, G.R.** Biomechanics of the Lumbar Sacral Junction, Congress of Neurological Surgeons, San Francisco, CA, October 16-21, 2010
153. **Trost, G.R.** Surgical Techniques of CSF Leak, Congress of Neurological Surgeons, San Francisco, CA, October 16-21, 2010
154. **Trost, G.R.** Moderator, Spine and Peripheral Nerve Discussants, Congress of Neurological Surgeons, San Francisco, CA, October 16-21, 2010
155. **Trost, G.R.** Pathophysiology of Myelopathy, Cervical Spine Research Society 15th Instructional Course, Charlotte, NC, December 1, 2010
156. **Trost, G.R.** Analysis of the Three United States FDA-IDE Cervical Arthroplasty Trials, AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Phoenix, AZ , March 9-12, 2011
157. **Trost, G.R.** Management of Perioperative Pain, Special Course for Nurses, Nurse Practitioners and Physician Extenders, AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Phoenix, AZ, March 9-12, 2011
158. **Trost, G.R.** Geriatric Spine Luncheon Symposium IV, AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Phoenix, AZ, March 9-12, 2011
159. **Trost, G.R.** Analysis of the Three United States FDA-IDE Cervical Arthroplasty Trials, Neurosurgical Society of America Scientific Program, Kohala Coast, HI, March 27-30, 2011

160. **Trost, G.R.** Osteoporosis and Spinal Fusion Surgery, Panelist, AANS Annual Scientific Meeting, Denver, CO, April 9-13, 2011
161. **Trost, G.R.** Long-term Outcomes of Patients with Multilevel Cervical Spondylotic Myelopathy after Laminectomy, Laminoplasty and Laminectomy & Fusion: A Meta Analysis of Observational Studies, AANS Annual Scientific Meeting, Denver, CO, April 9-13, 2011
162. **Trost, G.R.** Management of Spinal Axis Trauma, Moderator, AANS Annual Scientific Meeting, Denver, CO, April 9-13, 2011
163. **Trost, G.R.** Spine Biomechanics: A Focus on Junctional Pathology, Congress of Neurological Surgeons 2011 Annual Meeting, Washington, DC, October 1-6, 2011
164. **Trost, G.R.** Pseudoarthrosis of the Cervical and Lumbar Spine, Congress of Neurological Surgeons 2011 Annual Meeting, Washington, DC, October 1-6, 2011
165. **Trost, G.R.** Managing Difficult Surgical Scenarios in Spinal Surgery, Congress of Neurological Surgeons 2011 Annual Meeting, Washington, DC, October 1-6, 2011
166. **Trost, G.R.** Cervical Arthroplasty: What the Future Holds, Congress of Neurological Surgeons 2011 Annual Meeting, Washington, DC, October 1-6, 2011
167. **Trost, G.R.** Dinner Seminar IV: Cervical and Lumbar Arthroplasty, Congress of Neurological Surgeons 2011 Annual Meeting, Washington, DC, October 1-6, 2011
168. **Trost, G.R.** Red Flags What Studeis, When-Including Cases, 28th Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Orlando, FL March 7-10, 2012
169. **Trost, G.R.** Complication Avoidance and Management: Failure of Instrumentation in the Osteoporotic Spine, 28th Annual Meeting of the AANS/CNS Section on Disorders of the Spine and Peripheral Nerves, Orlando, FL March 7-10, 2012
170. **Trost, G.R.** Management of Spinal Axis Trauma, Moderator, AANS Annual Scientific Meeting, Miami, FL, April 14-18, 2012
171. **Trost, G.R.** Osteoporosis and Spinal Fusion Surgery, AANS Annual Scientific Meeting, Miami, FL, April 14-18, 2012

172. **Trost, G.R.** Spondylolisthesis, Indications for Surgery, Laminectomy Only. Lumbar Spine Research Society, Chicago, IL April 26-27, 2012
173. **Trost, G.R.** Surgical Approaches to the Cranial Cervical Junction. Cleveland Clinic Spine Review, Cleveland, OH July 11-17, 2012.
174. **Trost, G.R.** Approaches to the Cervical Thoracic Junction. Cleveland Clinic Spine Review, Cleveland, OH. July 11-17, 2012.
175. **Trost, G.R.** Frameless Stereotaxis: Tips and Tricks of the Trade. Cleveland Clinic Spine Review, Cleveland, OH. July 11-17, 2012.
176. **Trost, G.R.** Pathologic Processes of the Spine. Cleveland Clinic Spine Review, Cleveland, OH. July 11-17, 2012.
177. **Trost, G.R.** Knowledge Based Assessment 1, 2, and 3. Cleveland. Cleveland Clinic Spine Review. Cleveland, OH. July 11-17, 2012.
178. **Trost, G.R.** Frameless Stereotaxis, Tips and Tricks of the Trade. Minimally Invasive Neurological Society Meeting. Mackinaw Island, MI. August 1-5, 2012.
179. **Trost, G.R.** CEC Education. CSNS, Chicago, IL October 5, 2012.
180. **Trost, G.R.** Managing Difficult Surgical Scenarios. Congress of Neurological Surgeons Annual Meeting. Chicago, IL, October 2012.
181. **Trost, G.R.** Complications of Spinal Surgery. Congress of Neurological Surgeons Annual Meeting. Chicago, IL October 2012.
182. **Trost, G.R.** Spine Surgery for the Non-Spine Surgeon. AANS Goodman Oral Board Review Course, November 3-6, 2012, Houston, TX.
183. **Trost, G.R.** Um, I think You Need More Than a Chiropractor...Managing Problems In and Around the C-Spine. The 31st Annual Emergencies in Medicine Conference, March 4, 2013, Park City, UT.
184. **Trost, G.R.** Classification of Spinal Fractures. AANS/CNS Joint Section Spine Meeting, March, 2013, Phoenix, AZ.
185. **Trost, G.R.** Discussant, Oral Platform Presentations 1 – Socioeconomic. AANS/CNS Joint Section Spine Meeting, March 2013, Phoenix, AZ.
186. **Trost, G.R.**, Moderator. Spinal Axis Trauma, AANS Annual Meeting, New Orleans, April 2013.

187. **Trost, G.R.** Spine Surgery in the Elderly. AANS Annual Meeting, New Orleans, April 2013.
188. **Trost, G.R.** Surgical Approaches to the Cranial Cervical Junction. Cleveland Clinic Spine Review. Cleveland, OH, July 2013.
189. **Trost, G.R.** Approaches to the Cervical Thoracic Junction. Cleveland Clinic Spine Review, Cleveland. OH, July 2013.
190. **Trost, G.R.** Frameless Stereotaxis: Tips and Tricks of the Trade. Cleveland Clinic Spine Review. Cleveland, OH, July 2013.
191. **Trost, G.R.** Pathologic Processes of the Spine. Cleveland Clinic Spine Review. Cleveland, OH, July 2013.
192. **Trost, G.R.** Knowledge Based Assessment 1, 2, and 3. Cleveland Clinic Spine Review. Cleveland, OH, July 2013.
193. **Trost, G.R.** Frameless Stereotaxis, Tips, and Tricks of the Trade. Minimally Invasive Neurological Society Meeting. Detroit, MI, August 2013
194. **Trost, G.R.** Managing Complications of the Cranial Cervical Junction. Congress of Neurological Surgeons Annual Meeting. San Francisco, CA, October 2013.
195. **Trost, G.R.** Clinical Decision Making, Deciding the Approach and the Procedure. Congress of Neurological Surgeons Annual Meeting. San Francisco, CA, October, 2013.
196. **Trost, G.R.** Spine Surgery for the Non-Spine Surgeon. AANS Goodman Oral Board Review Course. Houston, TX, November 2013.
197. **Trost, G.R.** Image Guidance: Innovations and New Technologies. Congress of the Neurological Surgeons, Spine Complications Course. Jackson Hole, WY, January 2014.
198. **Trost, G.R.** Revision Surgery for Thoracolumbar Instrumentation Failure. Revision Spine Surgery Lunch Symposium, AANS/CNS Joint Spine Section Annual Meeting. Orlando, FL, March 7, 2014.
199. **Trost, G.R.** Osteoporosis – Maximizing Outcomes. Module #2 – Bone Healing. Lumbar Spine Research Society (LSRS) Annual Meeting, Chicago, IL, May 2, 2014.
200. **Trost, G.R.,** Craniocervical Pathologies and Approaches, Cleveland Clinic Spine Review. Cleveland, OH, July 10, 2014.

201. **Trost, G.R.** Cervical Arthroplasty Options and Evidence, Cleveland Clinic Spine Review. Cleveland, OH, July 12, 2014.
202. **Trost, G.R.** Peripheral Nerve Anatomy and Surgery (Cadaver Course), Congress of Neurological Surgeons Annual Meeting. Boston, MA, October 2014.
203. **Trost, G.R.** Practical Spine Biomechanics for Clinical Practice, Congress of Neurological Surgeons Annual Meeting. Boston, MA, October 2014.
204. **Trost, G.R.** Introduction of Honored Guest, Edward C. Benzel, Congress of Neurological Surgeons Annual Meeting. Boston, MA, October 2014.
205. **Trost, G.R.** Managing Complications in Spinal Surgery, Congress of Neurological Surgeons Annual Meeting. Boston, MA, October 2014.
206. **Trost, G.R.** Spine Surgery for the Non-Spine Surgeon, American Association of Neurological Surgeons Goodman Oral Board Course. Houston, TX, November 2014.
207. **Trost, G.R.** Lumbar Stenosis with Sagittal Imbalance – Decompression Only. Spine Complications Course. Lake Tahoe, CA, January 2015.
208. **Trost, G.R.** Complications (Participate Presentation). Spine Complications Course. Lake Tahoe, CA, January 2015.
209. **Trost, G.R.** Adjacent Segment Disease: Can Plate Design or Placement Decrease the Incidence? Spine Complications Course. Lake Tahoe, CA, January 2015.
210. **Trost, G.R.** Brachial Plexus Injury - Peripheral Nerve Course. AANS/CNS Joint Spine Section Annual Meeting. Phoenix, AZ, March 2015.
211. **Trost, G.R.** Cervical Spondylosis – Treatment Options. AANS Annual Meeting. Washington, D.C. May 2, 2015.
212. **Trost, G.R.** Diagnosis and Medical Management of Osteoporosis. AANS Annual Meeting. Washington, D.C., May 4, 2015.
213. **Trost, G.R.**, Craniocervical Pathologies and Approaches, Cleveland Clinic Spine Review. Cleveland, OH, July, 2015.
214. **Trost, G.R.** Cervical Arthroplasty Options and Evidence, Cleveland Clinic Spine Review. Cleveland, OH, July, 2015.

215. **Trost, G.R.** Practical Spine Biomechanics for Clinical Practice – Practical Course Faculty. Congress of Neurological Surgeons Annual Meeting. New Orleans, LA, September 26, 2015.
216. **Trost, G.R.** Director/Moderator: I Thought Someone Else Would Take Care of It – Council of State Neurosurgical Societies (CSNS). Congress of Neurological Surgeons Annual Meeting. New Orleans, LA, September 28, 2015.
217. **Trost, G.R.** Director/Moderator: Managing Complications in Spine Surgery. Congress of Neurological Surgeons Annual Meeting. New Orleans, LA, September 29, 2015.
218. **Trost, G.R.** Spine Surgery for the Non-Spine Surgeon, American Association of Neurological Surgeons Goodman Oral Board Course. Houston, TX, November 2015.
219. **Trost, G.R.** Durotomy Management. Congress of Neurological Surgeons Spine Complications Course. Park City, Utah, February 5, 2016.
220. **Trost, G.R.** Management of Complex Hardware Failure. Congress of Neurological Surgeons Spine Complications Course. Park City, Utah, February 5, 2016.
221. **Trost, G.R.** Using Navigation to Minimize Screw Misplacement. Congress of Neurological Surgeons Spine Complications Course. Park City, Utah, February 5, 2016.
222. **Trost, G.R.** Brachial Plexus Injury/Clinical Approach to the Peripheral Nerve. AANS/CNS Joint Spine Section. Orlando, Florida, March 17, 2016.
223. **Trost, G.R.** You Are Never Too Old for Surgery: Spine Management in an Aging Population. AANS Annual Scientific Meeting, Chicago, Illinois, April 30, 2016.
224. **Trost, G.R.** Craniocervical Pathologies and Approaches, Cleveland Clinic Spine Review. Cleveland, Ohio, August 2016.
225. **Trost, G. R.** Cervical Arthroplasty Options and Evidence, Cleveland Clinic Spine Review. Cleveland, Ohio, August 2016.
226. **Trost, G.R.** Managing Complications in Spine Surgery. Congress of Neurological Surgeons Annual Meeting. San Diego, California, September 2016.

227. **Trost, G.R.** Spine Surgery for the Non-Spine Surgeon. American Association of Neurological Surgeons Goodman Oral Board Course. Houston, Texas, November 2016.
228. **Trost, G.R.** Complications in Degenerative Thoracolumbar Surgery. Congress of Neurological Surgeons Spine Complications Course. Park City, UT January 2017
229. **Trost, G.R.** Brachial Plexus Trauma. Annual Meeting of the Section on Disorders of the Spine and Peripheral Nerves. Las Vegas, NV March 2017.
230. **Trost, G.R.** Moderator - Moderator Breakfast Seminar: 214 Management of Spinal Fractures, American Association of Neurological Surgeons Annual Meeting. Los Angeles, CA, April 2017.
231. **Trost, G. R.** Chordomas Tumors and Other Craniocervical Junction Tumors, Cleveland Clinic Spine Review. Cleveland, Ohio, July 2017.
232. **Trost, G. R.** •Spinal Column Pathology and Medical Decision Making: The Surgeon's Perspective, Cleveland Clinic Spine Review. Cleveland, Ohio, July 2017.
233. **Trost, G. R.** •Cases, Cleveland Clinic Spine Review. Cleveland, Ohio, July 2017.
234. **Trost, G. R.** •Spinal Column Pathology and Medical Decision Making: The Surgeon's Perspective, Cleveland Clinic Spine Review. Cleveland, Ohio, July 2017.
235. **Trost, G. R.** •Craniocervical Pathologies and Approaches with Cases, Cleveland Clinic Spine Review. Cleveland, Ohio, July 2017.
236. **Trost, G. R.** • Lunch with Cases, Cleveland Clinic Spine Review. Cleveland, Ohio, July 2017.
237. **Trost, G. R.** Cervical Arthroplasty, Cleveland Clinic Spine Review. Cleveland, Ohio, July 2017.
238. **Trost, G. R.** •Cases: The Decision-Making Process, Cleveland Clinic Spine Review. Cleveland, Ohio, July 2017.
239. **Trost, G. R.** •Knowledge Assessment Activity, Cleveland Clinic Spine Review. Cleveland, Ohio, July 2017.
240. **Trost, G. R.** •Spinal Biomechanics in Modern Clinical Practice, Congress of Neurological Surgeons Annual Meeting. Boston, MA, October 2017.

241. **Trost, G. R.** •Complication Management in Spine Surgery, Congress of Neurological Surgeons Annual Meeting. Boston, MA, October 2017.
242. **Trost, G.R.** Geriatric Treatment of Odontoid Fractures. AANS Annual Scientific Meeting, Chicago, Illinois, April 29, 2018.
243. **Trost, G.R.** Breakfast Seminar: Contemporary Management of Spinal Fractures. AANS Annual Scientific Meeting, Chicago, Illinois, April 30, 2018.
244. **Trost, G.R.** Plenary Session: Examiners Examining Examiners. AANS Goodman Oral Board Review Course. Phoenix, AZ, May 2, 2018.
245. **Trost, G.R.** Plenary Session: Examining Attendees. AANS Goodman Oral Board Review Course. Phoenix, AZ, May 3, 2018.
246. **Trost, G.R.** Individual Breakout Sessions. AANS Goodman Oral Board Review Course. Phoenix, AZ, May 2018.
247. **Trost, G. R.** •Chordomas Tumors and Other Craniocervical Junction Tumors, Cleveland Clinic Spine Review. Cleveland, Ohio, July 11, 2018.
248. **Trost, G. R.** •Low Brachial Plexus Stenosis Panel Discussion, Cleveland Clinic Spine Review. Cleveland, Ohio, July 11, 2018.
249. **Trost, G. R.** •Case Discussion, Cleveland Clinic Spine Review. Cleveland, Ohio, July 11, 2018.
250. **Trost, G. R.** •Spinal Column Pathology and Medical Decision Making: The Surgeon's Perspective, Cleveland Clinic Spine Review. Cleveland, Ohio, July 11, 2018.
251. **Trost, G. R.** •Craniocervical Pathologies and Approaches with Cases, Cleveland Clinic Spine Review. Cleveland, Ohio, July 12, 2018.
252. **Trost, G. R.** •Case Discussion, Cleveland Clinic Spine Review. Cleveland, Ohio, July 12, 2018.
253. **Trost, G. R.** •Lunch with Cases, Cleveland Clinic Spine Review. Cleveland, Ohio, July 12, 2018.
254. **Trost, G. R.** •Cervical Arthroplasty: Indications, Tips, Tricks, Cleveland Clinic Spine Review. Cleveland, Ohio, July 12, 2018.
255. **Trost, G. R.** •Case Discussion, Cleveland Clinic Spine Review. Cleveland, Ohio, July 12, 2018.

256. **Trost, G. R.** •Case Discussion, Cleveland Clinic Spine Review. Cleveland, Ohio, July 12, 2018.
257. **Trost, G. R.** •The Decision Making Process, Cleveland Clinic Spine Review. Cleveland, Ohio, July 13, 2018.
258. **Trost, G. R.** •Knowledge Assessment Activity, Cleveland Clinic Spine Review. Cleveland, Ohio, July 13, 2018.
259. **Trost, G. R.** •Thoracolumbar Trauma, Cleveland Clinic Spine Review. Cleveland, Ohio, July 13, 2018.
260. **Trost, G. R.** •Ventral Exposures and Techniques: Thoracolumbar Spine, Cleveland Clinic Spine Review. Cleveland, Ohio, July 13, 2018.
261. **Trost, G. R.** •Knowledge Assessment Activity, Cleveland Clinic Spine Review. Cleveland, Ohio, July 13, 2018.
262. **Trost, G. R.** •Knowledge Assessment Activity, Cleveland Clinic Spine Review. Cleveland, Ohio, July 16, 2018.
263. **Trost, G.R.** Spinal Biomechanics in Modern Clinical Practice. Congress of Neurological Surgeons Annual Meeting. Houston, TX, October 7, 2018.
264. **Trost, G.R.** Novel Techniques for Management of Lumbar Spondylolisthesis. Congress of Neurological Surgeons Annual Meeting. Houston, TX, October 10, 2018.

International Lectures

1. **Trost, G.R.,** *Spine trauma: MR scans – when and if to obtain in cervical trauma.* Thirteenth Annual Spine Center Course. Whistler, British Columbia, Canada, January 16, 2001.
2. **Trost, G.R.,** *Thoracic and Lumbar Stabilization and Fusion.”* Annual Meeting of the American Association of Neurological Surgeons. Toronto, Ontario, Canada, April 22, 2001.
3. **Trost, G.R.,** *LT Cage with Infuse and Pyramid Plate.* Disorders of the Spine. University of Southern Florida, Whistler, British Columbia, Canada, January 17-23, 2004.

4. **Trost, G.R.,** *Egyptian Hands-On Spine Review Course Development.* Egyptian Hands-On Spine Review. Cairo, Egypt, November 16-22, 2004.
5. **Trost, G.R.,** *Cervical Spine Reconstruction.* Egyptian Hands-On Spine Review. Cairo, Egypt, November 18, 2004.
6. **Trost, G.R.,** *Cervical Spine Instrumentation.* Egyptian Hands-On Spine Review. Cairo, Egypt, November 18, 2004.
7. **Trost, G.R.,** *LT Cage with Infuse and Pyramid Plate.* Disorders of the Spine. Whistler, British Columbia, Canada, January 17-23, 2004.
8. **Trost, G.R.,** *Surgical Approaches to the Craniocervical Junction.* Aegean Spine Review. İzmir, İzmir,Turkey, November 6-12, 2005.
9. **Trost, G.R.,** *Ventral Surgery of the Subaxial Spine.* Aegean Spine Review. İzmir, İzmir,Turkey, November 6-12, 2005.
10. **Trost, G.R.,** *Ventral Cervical Fixation Techniques.* Aegean Spine Review. İzmir, İzmir,Turkey, November 6-12, 2005.
11. **Trost, G.R.,** *Surgical Exposure of the Cervicothoracic Junction.* Aegean Spine Review. İzmir, İzmir,Turkey, November 6-12, 2005.
12. **Trost, G.R.,** *Anatomy and Biomechanics of the Lumbosacral Pelvic Region.* Aegean Spine Review. İzmir, İzmir,Turkey, November 6-12, 2005.
13. **Trost, G.R.,** *ALIF, PLIF, TLIF.* Aegean Spine Review. İzmir, İzmir,Turkey, November 6-12, 2005.
14. **Trost, G.R.,** *Approaches to the Craniocervical Junction.* Pan Arab Orthopedic Society and GCC Meeting. Bahrain, December 3, 2005.
15. **Trost, G.R.,** *Approaches to the Cervicothoracic Junction.* Pan Arab Orthopedic Society and GCC Meeting. Bahrain, December 3, 2005.
16. **Trost, G.R.,** *Ventral Surgery and Fixation Techniques of the Subaxial Spine.* Pan Arab Orthopedic Society and GCC Meeting. Bahrain, December 3, 2005.
17. **Trost, G.R.,** *Spinal Tumors.* Pan Arab Orthopedic Society and GCC Meeting. Bahrain, December 4, 2005.
18. **Trost, G.R.,** *Ventral and Dorsal Thoracic and Lumbar Fixation Techniques.* Pan Arab Orthopedic Society and GCC Meeting. Bahrain, December 4, 2005.

19. **Trost, G.R.**, *Approaches to the Cranial Cervical Junction*. Chilean Spine Review, Santiago, Chile, August 24-25, 2006.
20. **Trost, G.R.**, *Stabilization of the Cranial Cervical Junction*. Chilean Spine Review, Santiago, Chile, August 24-25, 2006.
21. **Trost, G.R.**, *Anterior Lumbar Interbody Fusion*. Chilean Spine Review, Santiago, Chile, August 24-25, 2006.
22. **Trost, G.R.**, *Anatomy, Biomechanics and Stabilization of the Lumbosacral Pelvic Region*. Chilean Spine Review, Santiago, Chile, August 24-25, 2006.
23. **Trost, G.R.**, *Cervical Arthroplasty*, Egyptian Spine Review, Cairo, Egypt, August 3-9, 2007
24. **Trost, G.R.**, *Overview of Cervical Approaches*, Egyptian Spine Review, Cairo, Egypt, August 3-9, 2007
25. **Trost, G.R.**, *Approaches to the Cervicothoracic Junction*, Egyptian Spine Review, Cairo, Egypt, August 3-9, 2007
26. **Trost, G.R.**, *Ventral Surgery of the Subaxial Spine*, Egyptian Spine Review, Cairo, Egypt, August 3-9, 2007
27. **Trost, G.R.**, *Dorsal Cervical Fixation Techniques*, Egyptian Spine Review, Cairo, Egypt, August 3-9, 2007
28. **Trost, G.R.**, *Lumbar Arthroplasty-Results*, Egyptian Spine Review, Cairo, Egypt, August 3-9, 2007
29. **Trost, G.R.**, *Anterior approach to the cervical spine/discectomy and corpectomy*, U.S. Spine Masters Hands on Workshop, Dubai, UAE, February 19-21, 2008
30. **Trost, G.R.**, *Posterior Occipital Cervical approach and stabilization*, U.S. Spine Masters Hands on Workshop, Dubai, UAE, February 19-21, 2008
31. **Trost, G.R.**, *Cases Introduction*, European Spine Review and Cadaver Hands-On Course, Heraklion Crete, Greece, July 25-August 1, 2008
32. **Trost, G.R.**, *Approaches to the Cervical Spine Overview*, European Spine Review and Cadaver Hands-On Course, Heraklion Crete, Greece, July 25-August 1, 2008

33. **Trost, G.R.**, Ventral Cervical Stabilization, European Spine Review and Cadaver Hands-On Course, Heraklion Crete, Greece, July 25- August 1, 2008
34. **Trost, G.R.**, Cervical Disc Arthroplasty Updated Techniques and PT Selection, European Spine Review and Cadaver Hands-On Course, Heraklion Crete, Greece, July 25-August 1, 2008
35. **Trost, G.R.**, Outcomes and Complications in Surgery of the Cervical Spine, European Spine Review and Cadaver Hands-On Course, Heraklion Crete, Greece, July 25-August 1, 2008
36. **Trost, G.R.**, Spinal Cord Injury Emerging Strategies, European Spine Review and Cadaver Hands-On Course, Heraklion Crete, Greece, July 25-August 1, 2008
37. **Trost, G.R.**, Clinical Strategies and Case, European Spine Review and Cadaver Hands-On Course, Heraklion Crete, Greece, July 25-August 1, 2008
38. **Trost, G.R.**, Outcomes and Complications in Surgery of the Lumbar Spine, European Spine Review and Cadaver Hands-On Course, Heraklion Crete, Greece, July 15-August 1, 2008
39. **Trost, G.R.**, Clinical Strategies and Cases, European Spine review and Cadaver Hands-On Course, Heraklion Crete, Greece, July 25-August 1, 2008
40. **Trost, G.R.**, Surgical Exposure of the Cervicothoracic Region, Heraklion Crete, Greece, July 15-August 1, 2008
41. **Trost, G.R.**, Ventral and Lateral Exposure of the Thoracolumbar Spine, European Spine Review and Cadaver Hands-On course, Heraklion Crete, Greece, July 25-August 1, 2008
42. **Trost, G.R.**, Dorsal Fixation Techniques Screws, Hooks, Wires, European Spine Review and Cadaver Hands-On course, Heraklion Crete, Greece, July 25-August 1 2008
43. **Trost, G.R.**, Anatomy and Biomechanics of the Lumbar Spine, The Eleventh International Spine Conference, Cairo, Egypt, July 2-5, 2009
44. **Trost, G.R.**, Biomechanics of Deformity Correction, The Eleventh International Spine Conference, Cairo, Egypt, July 2-5, 2009
45. **Trost, G.R.** Approaches to the Cervicothoracic Junction, Karachi Spine 2011 World Spinal Column Society, Karachi, Pakistan, February 3-5, 2011

46. **Trost, G.R.** Bone Anatomy, Physiology and Healing, Karachi Spine 2011 World Spinal Column Society, Karachi, Pakistan, February 3-5, 2011
47. **Trost, G.R.** Complications in Cervical Spine Surgery Avoidance and Management, Karachi Spine 2011 World Spinal Column Society, Karachi, Pakistan, February 3-5, 2011
48. **Trost, G.R.** Complication Avoidance and Management Lumbar Spine, Karachi Spine 2011 World Spinal Column Society, Karachi, Pakistan, February 3-5, 2011
49. **Trost, G.R.** Treatment Guidelines for Cervical Myelopathy, Karachi Spine 2011 World Spinal Column Society, Karachi, Pakistan, February 3-5, 2011
50. **Trost, G.R.** Non-operative Treatment of Spinal Disorders, Karachi Spine 2011 World Spinal Column Society, Karachi, Pakistan, February 3-5, 2011
51. **Trost, G.R.** Pathophysiology of Cervical Myelopathy, Karachi Spine 2011 World Spinal Column Society, Karachi, Pakistan, February 3-5, 2011
52. **Trost, G.R.** Dorsal Thoracic and Lumbar Fixation Techniques Screws, Hooks, Wires, Karachi Spine 2011 World Spinal Column Society, Karachi, Pakistan, February 3-5, 2011
53. **Trost, G.R.** Screws Pedicle, Translaminar, Facet, Iliac, Karachi Spine 2011 World Spinal Column Society, Karachi, Pakistan, February 3-5, 2011
54. **Trost, G.R.** Use and Complications of BMP-2, Karachi Spine 2011 World Spinal Column Society, Karachi, Pakistan, February 3-5, 2011
55. **Trost, G.R.** Ventral Approach: When and How. Spine International Symposium, Cleveland Clinic / Simón Bolívar University. February 14-15, 2013, Colombia.
56. **Trost, G.R.** Occipital and C1 Fractures. Spine International Symposium, Cleveland Clinic / Simón Bolívar University. February 14-15, 2013, Colombia.
57. **Trost, G.R.** Cervical Disk Disease, what do I do? Spine International Symposium, Cleveland Clinic / Simón Bolívar University. February 14-15, 2013, Colombia.
58. **Trost, G.R.** Discogenic LBP. Spine International Symposium, Cleveland Clinic / Simón Bolívar University. February 14-15, 2013, Colombia.

59. **Trost, G.R.** Management Principles. Spine International Symposium, Cleveland Clinic / Simón Bolívar University. February 14-15, 2013, Colombia.
60. **Trost, G.R.** Surgical Complications. Spine International Symposium, Cleveland Clinic / Simón Bolívar University. February 14-15, 2013, Colombia.
61. **Trost, G.R.** Case Presentations. Pakistan Society of Neurosurgery, 3rd ACNS Educational Course Karachi. Liaquat National Hospital and Medical College, Karachi, Pakistan, February 15, 2014.
62. **Trost, G.R.** Approaches to the Cercicothoracic Junction. World Spine 6, Cleveland Clinic Foundation, Jamaica, May 3-9, 2014.
63. **Trost, G.R.** Craniocervical Instrumentation. World Spine 6, Cleveland Clinic Foundation, Jamaica, May 3-9, 2014.
64. **Trost, G.R.** Approaches to the Craniocervical Junction. World Spine 6, Cleveland Clinic Foundation, Jamaica, May 3-9, 2014.
65. **Trost, G.R.** Postoperative Wound Infections. World Spine 6, Cleveland Clinic Foundation, Jamaica, May 3-9, 2014.
66. **Trost, G.R.** Cervical Arthroplasty. World Spine 6, Cleveland Clinic Foundation, Jamaica, May 3-9, 2014.
67. **Trost, G.R.** Degenerative Lumbar Spine Disease, European Association of Neurosurgical Societies, 15th European Congress of Neurosurgery. Prague, Czech Republic, October 13, 2014.
68. **Trost, G.R.** Sagittal Balance, Spinal Navigation, European Association of Neurosurgical Societies, 15th European Congress of Neurosurgery. Prague, Czech Republic, October 13, 2014.
69. **Trost, G.R.** Craniocervical Approaches. 1st Coventry 2015 Spine Masters, A World Spinal Column Society's Course. University Hospital Coventry & Warwickshire, United Kingdom, April 2015.
70. **Trost, G.R.** Craniocervical Fixation Techniques. 1st Coventry 2015 Spine Masters, A World Spinal Column Society's Course. University Hospital Coventry & Warwickshire, United Kingdom, April 2015.
71. **Trost, G.R.** Cervical Disc Arthroplasty Indications and Outcomes. 1st Coventry 2015 Spine Masters, A World Spinal Column Society's Course. University Hospital Coventry & Warwickshire, United Kingdom, April 2015.

72. **Trost, G.R.** Dorsal Cervical Surgery Indications and Techniques. 1st Coventry 2015 Spine Masters, A World Spinal Column Society's Course. University Hospital Coventry & Warwickshire, United Kingdom, April 2015.
73. **Trost, G.R.** Dorsal Cervical Fixation Techniques. 1st Coventry 2015 Spine Masters, A World Spinal Column Society's Course. University Hospital Coventry & Warwickshire, United Kingdom, April 2015.
74. **Trost, G.R.** Management of Thoracolumbar Trauma. 1st Coventry 2015 Spine Masters, A World Spinal Column Society's Course. University Hospital Coventry & Warwickshire, United Kingdom, April 2015.
75. **Trost, G.R.** Pedicle, Facet and Translaminar Screw Techniques. 1st Coventry 2015 Spine Masters, A World Spinal Column Society's Course. University Hospital Coventry & Warwickshire, United Kingdom, April 2015.
76. **Trost, G.R.** Dorsal and Dorsolateral Approaches to the Thoracolumbar Spine. 1st Coventry 2015 Spine Masters, A World Spinal Column Society's Course. University Hospital Coventry & Warwickshire, United Kingdom, April 2015.
77. **Trost, G.R.** Cervical Trauma. 1st Coventry 2015 Spine Masters, A World Spinal Column Society's Course. University Hospital Coventry & Warwickshire, United Kingdom, April 2015.
78. **Trost, G.R.** MIS Lateral Approaches Indications Pitfalls Results. 1st Coventry 2015 Spine Masters, A World Spinal Column Society's Course. University Hospital Coventry & Warwickshire, United Kingdom, April 2015.
79. **Trost, G.R.** Percutaneous Pedicle Screw Fixation. 1st Coventry 2015 Spine Masters, A World Spinal Column Society's Course. University Hospital Coventry & Warwickshire, United Kingdom, April 2015.
80. **Trost, G.R.** Future of Spine Surgery, the Pakistan Society of Neurosurgeons Annual Conference. Karachi, Pakistan, November 19-22, 2015.
81. **Trost, G.R.** Future of Neurosurgery, the Pakistan Society of Neurosurgeons Annual Conference. Karachi, Pakistan, November 19-22, 2015.
82. **Trost, G.R.** Pedicle Facet and Translaminar Screw Set, the Pakistan Society of Neurosurgeons Annual Conference. Karachi, Pakistan, November 19-22, 2015.
83. **Trost, G.R.** Residency Training; how has it Changed, the Pakistan Society of Neurosurgeons Annual Conference. Karachi, Pakistan, November 19-22, 2015.

84. **Trost, G.R.** Classification of Cervical Tumors, the Pakistan Society of Neurosurgeons Annual Conference. Karachi, Pakistan, November 19-22, 2015.
85. **Trost, G.R.** Leadership in Neurosurgery, the Pakistan Society of Neurosurgeons Annual Conference. Karachi, Pakistan, November 19-22, 2015.
86. **Trost, G.R.** Percutaneous Pedicle Screw Fixation, the Pakistan Society of Neurosurgeons Annual Conference. Karachi, Pakistan, November 19-22, 2015
87. **Trost, G.R.** Dorsal Cervical Surgeries and Techniques, the Pakistan Society of Neurosurgeons Annual Conference. Karachi, Pakistan, November 19-22, 2015
88. **Trost, G.R.** Cervical Myelopathy Case Presentation, the Pakistan Society of Neurosurgeons Annual Conference. Karachi, Pakistan, November 19-22, 2015
89. **Trost, G.R.** Cervical Trauma. World Spinal Column Society Meeting. Cairo, Egypt, February 17, 2016.
90. **Trost, G.R.** Trauma Cases. World Spinal Column Society Meeting. Cairo, Egypt, February 17, 2016.
91. **Trost, G.R.** Occipital Cervical Pathology and Anatomy. World Spinal Column Society Meeting. Cairo, Egypt, February 17, 2016.
92. **Trost, G.R.** Posterior Subaxial Cervical Fixation. World Spinal Column Society Meeting. Cairo, Egypt, February 17, 2016.
93. **Trost, G.R.** Degenerative Cervical Cases. World Spinal Column Society Meeting. Cairo, Egypt, February 17, 2016.
94. **Trost, G.R.** Biomechanics of Implant Failure. World Spinal Column Society Meeting. Cairo, Egypt, February 18, 2016.
95. **Trost, G.R.** Instrumentation of Thoracolumbar Spine. World Spinal Column Society Meeting. Cairo, Egypt, February 18, 2016.
96. **Trost, G.R.** Thoracolumbar Trauma Cases. World Spinal Column Society Meeting. Cairo, Egypt, February 18, 2016.

97. **Trost, G.R.** MIS Techniques in TL Spine: Evidence, is it Worth the Hustle? World Spinal Column Society Meeting. Cairo, Egypt, February 18, 2016.
98. **Trost, G.R.** Cervical Trauma. World Spinal Column Society Meeting Part II. Sokhna, Egypt, February 19, 2016.
99. **Trost, G.R.** MIS Techniques in TL Spine: Evidence, is it Worth the Hustle? World Spinal Column Society Meeting Part II. Sokhna, Egypt, February 19, 2016.
100. **Trost, G.R.** Odontoid Screw Fixation. Karachi Spine 2017 Cervical Spine Operative Masters Course. Karachi, Pakistan February 2017.
101. **Trost, G.R.** Anterolateral Cranial Cervical Approach. Karachi Spine 2017 Cervical Spine Operative Masters Course. Karachi, Pakistan February 2017.
102. **Trost, G.R.** Posterolateral and Lateral Approaches to Craniocervical Junction. Karachi Spine 2017 Cervical Spine Operative Masters Course. Karachi, Pakistan February 2017.
103. **Trost, G.R.** Biomechanics. Karachi Spine 2017 Cervical Spine Operative Masters Course. Karachi, Pakistan February 2017.
104. **Trost, G.R.** Emergency Cranial and Spinal Radiological Assessment. Karachi Spine 2017 Cervical Spine Operative Masters Course. Karachi, Pakistan February 2017.
105. **Trost, G.R.** How to Give a Talk. Karachi Spine 2017 Cervical Spine Operative Masters Course. Karachi, Pakistan February 2017.
106. **Trost, G.R.** How to do Research. Karachi Spine 2017 Cervical Spine Operative Masters Course. Karachi, Pakistan February 2017.
107. **Trost, G.R.** Options in Neurosurgery. Karachi Spine 2017 Cervical Spine Operative Masters Course. Karachi, Pakistan February 2017.
108. **Trost, G.R.** Case Discussion / Video Presentation. Karachi Spine 2017 Cervical Spine Operative Masters Course. Karachi, Pakistan February 2017.
109. **Trost, G. R.** •Spinal Fracture Classification, Coventry Spine Masters: A World Spinal Column Society's Course. Coventry, UK, July 2017.
110. **Trost, G. R.** •Cervical Deformity and Correction Techniques, Coventry Spine Masters: A World Spinal Column Society's Course. Coventry, UK, July 2017.

111. **Trost, G. R.** •Dorsal and Dorsolateral Approaches to the Thoracolumbar Spine, Coventry Spine Masters: A World Spinal Column Society's Course. Coventry, UK, July 2017.
112. **Trost, G. R.** •Applied Anatomy for MIS Surgery, Coventry Spine Masters: A World Spinal Column Society's Course. Coventry, UK, July 2017.
113. **Trost, G. R.** •Case Presentaiton – Thoracic Fracture Dislocation, Coventry Spine Masters: A World Spinal Column Society's Course. Coventry, UK, July 2017.
114. **Trost, G. R.** •Emergency Spinal Radiological Assessment, Coventry Spine Masters: A World Spinal Column Society's Course. Coventry, UK, July 2017.
115. **Trost, G. R.** •Patient Safety and Clinical Communications, Coventry Spine Masters: A World Spinal Column Society's Course. Coventry, UK, July 2017.
116. **Trost, G.R.** Moderator: Cervical Spine Deformity. World Spinal Column Society: Worldspine 8, Porto, Portugal, April 16, 2018
117. **Trost, G.R.** Moderator: Surgery of the Craniovertebral Junction. World Spinal Column Society: Worldspine 8, Porto, Portugal, April 16, 2018
118. **Trost, G.R.** Tips and Tricks with Image Guidance. World Spinal Column Society: Worldspine 8, Porto, Portugal, April 17, 2018
119. **Trost, G.R.** Case Discussions: Unexpected Outcomes. World Spinal Column Society: Worldspine 8, Porto, Portugal, April 17, 2018
120. **Trost, G.R.** Are You Smarter than Ed Benzal? World Spinal Column Society: Worldspine 8, Porto, Portugal, April 17, 2018
121. **Trost, G.R.** Biomechanics. Brain and Spine Conference and Cadaveric Course 2018. Belfast, UK September 2018.
122. **Trost, G.R.** Occipital Cervical Fixation. Brain and Spine Conference and Cadaveric Course 2018. Belfast, UK September 2018.
123. **Trost, G.R.** Dorsal Cervical Instrumentation. Brain and Spine Conference and Cadaveric Course 2018. Belfast, UK September 2018.

TEACHING ACTIVITIES

Medical School/Hospital Teaching Activities

1. **Trost, G.R., *Brachial Plexus Dissection*.** University of Wisconsin Resident Didactic Teaching Conference. Madison, WI, Fourteen Times, 2004.
2. **Trost, G.R., *Brachial Plexus Dissection*.** University of Wisconsin Resident Didactic Teaching Conference. Madison, WI, 2012-2013.
3. **Trost, G.R., *Spine Lab*.** University of Wisconsin Resident Didactic Teaching Conference. Madison, WI, February 8-9, 2014.
4. **Trost, G.R. *Brachial Plexus Lab*.** University of Wisconsin Didactic Teaching Conference. Madison, WI March 29, 2014.
5. **Trost, G.R. *Spine Surgery Lab*.** University of Wisconsin Resident Didactic Teaching Conference. Madison, WI, February 7-8, 2015.
6. **Trost, G.R. *Peripheral Nerve Lab*.** University of Wisconsin Resident Didactic Teaching Conference. Madison, WI, February 28, 2015.
7. **Trost, G.R. *611 Neuroscience Course*.** University of Wisconsin, School of Medicine and Public Health. Madison, WI March 2, 2015.
8. **Trost, G.R. *611 Neuroscience Course*.** University of Wisconsin, School of Medicine and Public Health. Madison, WI, April 13, 2015.
9. **Trost, G.R. *Spine Surgery Lab Course*.** University of Wisconsin Resident Didactic Teaching Conference. Madison, WI, February 13-14, 2016.
10. **Trost, G.R. *Peripheral Nerve Lab*.** University of Wisconsin Resident Didactic Teaching Conference. Madison, WI, March 26, 2016.
11. **Trost, G.R. *Spine Course*.** University of Wisconsin Resident Didactic Teaching Conference. Madison, WI, February 4-5, 2017.
12. **Trost, G.R. *Seventh Annual Wisconsin Nerve Lab*.** University of Wisconsin Resident Didactic Teaching Conference. Madison, WI, March 25, 2017.
13. **Trost, G.R. *Eighth Annual Wisconsin Nerve Lab*.** University of Wisconsin Resident Didactic Teaching Conference. Madison, WI, March 31, 2018.
14. **Trost, G.R. *Spine Course*.** University of Wisconsin Resident Didactic Teaching Conference. Madison, WI, February 4-5, 2017.

National Teaching Activities

1. **Trost, G.R.**, *Thoracic and lumbar spine stabilization*. American Association of Neurological Surgeons (AANS) Meeting. Chicago, Illinois, April 6-11, 2002.
2. **Trost, G.R.**, Joint Section of Spine and Peripheral Nerves Moderator. Orlando, Florida, February 22-March 2, 2002
3. **Trost, G.R.**, Joint Section of Spine and Peripheral Nerves, Case Discussions Moderator. Orlando, FLORIDA, March 2, 2002
4. **Trost, G.R.**, Cleveland Clinic Foundation Spine Review. Course Co-Director. Cleveland, OH, May 4-10, 2002.
5. **Trost, G.R.**, Cleveland Clinic Foundation Spine Review. Laboratory Instructor. Cleveland, OH, September, 2002.
6. **Trost, G.R.**, Surgical strategies of the thoracolumbar spine. Discussion Panel Moderator. Cleveland Clinic Spine Review. Cleveland, OH, May 12-18, 2001.
7. **Trost, G.R.**, Case Discussion of Cervical Spine Trauma. Global Spine Meeting. Moderator. Maui, Hawaii, July 2002.
8. **Trost, G.R.**, *Case Reviews*. Advanced Training for the Treatment of Degenerative Disc Disease, Lumbar & Cervical Spine Session, Medtronics Sofamor Danek. Memphis, Tennessee, September 7, 2002.
9. **Trost, G.R.**, *Revision Lumbar Surgery: When Decompression is the Only Reasonable Alternative*. Session Moderator. Joint Session on Spinal Peripheral Nerves, Congress of Neurological Surgeons (CNS). Philadelphia, Pennsylvania, September 20-26, 2002.
10. **Trost, G.R.**, *Occipital Cervical Fusion – Surgical Procedures for Low Back Pain. Treatment for Low Back Pain*. Course Director. Joint Section, Disorders of the Spine and Peripheral Nerve. Tampa, Florida, March 8, 2003.
11. **Trost, G.R.**, *Occipital Cervical Fusion*. Laboratory Instructor. American Association of Neurological Surgeons (AANS). San Diego, CA, April 26-27, 2003.
12. **Trost, G.R.**, *Lumbar Fusion – Cages, Bone, and Dowels; Course 1 and 2*. Laboratory Instructor. American Association of Neurological Surgeons (AANS). San Diego, CA, April 26-27, 2003.

13. **Trost, G.R.**, *Clinical Biomechanics of Cervical Instrumentation*. Lab Instructor. 15th Annual International Bethesda Spine Workshop. Bethesda, MD, June 1-2, 2003.
14. **Trost, G.R.**, Course Co-Chairman, Spine Review, Cleveland Clinic Foundation. Cleveland, OH, August 14-20, 2003.
15. **Trost, G.R.**, Course Co-Chairman, Spine Review, Cleveland Clinic Foundation. Cleveland, OH, May 19-25, 2004.
16. **Trost, G.R.**, Course Co-Chairman, Cleveland Clinic Foundation. Cleveland, OH, July 13-19, 2005
17. **Trost, G.R.**, Course Co-Chairman, Spine Review, Cleveland Clinic Foundation. Cleveland, OH, July 19-25, 2006.
18. **Trost, G.R.**, Course Co-Chairman, Knowledge Assessment Activities, Spine Review, Cleveland Clinic Foundation. Cleveland, OH, July 19-25, 2006.
19. **Trost, G.R.**, *Lab Director, Cleveland Clinic Spine Review*, Cleveland Clinic Foundation. Cleveland, OH, July 19-25, 2006.
20. **Trost, G.R.**, *Course Director*, Congress of Neurological Surgeons. Emerging Technologies in Thoracic and Lumbar Fixation. Chicago, Illinois, October 8-13, 2006.
21. **Trost, G.R.**, *Laboratory Instructor*, Fundamental Principles and Techniques in Spinal Surgery, San Diego, California, February 2-3, 2007
22. **Trost, G.R.**, *Moderator*, American Association of Neurological Surgeons meeting. April 14-19, Washington, DC
23. **Trost, G.R.**, *Moderator*, Guidelines in Management of the Acute Spinal Cord Injury, Washington, DC, April 17, 2007
24. **Trost, G.R.**, *Moderator*, Management of Spinal Axis Trauma, Washington, DC, April 18, 2007
25. **Trost, G.R.**, *Lab Instructor*, Thoracic and Lumbar Spine Fusion, Washington, DC April 15, 2007
26. **Trost, G.R.**, Course Co-Chairman, Cleveland Clinic Foundation. Cleveland, OH, July 18-24, 20007
27. **Trost, G.R.**, Course Chairman, Cervical Disc Arthroplasty Instructional Course, Medtronic, Memphis TN, Oct 12-13, 2007

28. **Trost, G.R.**, Course Chairman, Cervical Disc Arthroplasty Instructional Course, Medtronic, Memphis TN, Nov 16-17, 2007
29. **Trost, G.R.**, Breakout sessions, Goodman Oral Board Review Course, Houston, TX, November 8-10, 2009
30. **Trost, G.R.** Plenary Session, Congress of Neurological Surgeons, Board Review Course, New Orleans, LA October 24-29, 2009
31. **Trost, G.R.** Break Out Session, Congress of Neurological Surgeons, Board Review Course, New Orleans, LA October 24-29, 2009
32. **Trost, G.R.** Ventral Surgery of the Cervical Spine Indications and Techniques, Cleveland Spine Review: Hands-On, Cleveland, OH, July 7-13 2010
33. **Trost, G.R.** Surgical Approaches to the Craniocervical Junction , Cleveland Spine Review: Hands-On, Cleveland, OH, July 7-13 2010
34. **Trost, G.R.** Cervical Disc Arthroplasty Indications and Techniques, Cleveland Spine Review: Hands-On, Cleveland, OH, July 7-13 2010
35. **Trost, G.R.** CNS Oral Boards Remediation Course Director, Congress of Neurological Surgeons, San Francisco, CA, October 17, 2010
36. **Trost, G.R.** Plenary Secession, Goodman Oral Board Review Course, Houston, TX, November 7-9, 2010
37. **Trost, G.R.** Individual Break-Out Secession, Goodman Oral Board Review Course, Houston, TX, November 7-9, 2010
38. **Trost, G.R.** Course Director, Cleveland Spine Review: Hands-On 2011, Cleveland, OH July 13-19, 2011
39. **Trost, G.R.** Course Director, CNS Oral Board Review, Congress of Neurological Surgeons 2011 Annual Meeting, Washington, DC, October 1-6, 2011
40. **Trost, G.R** Plenary Session, Goodman Oral Board Review Course, Houston, TX, November 5-9, 2011
41. **Trost, G.R** Individual Break-Out Session, Goodman Oral Board Review Course, Houston, TX, November 5-9, 2011

42. **Trost, G.R.** Moderator, Lumbar Spine Research Society, Spondylolisthesis, Chicago, IL April 26-27, 2012
43. **Trost, G.R.** Speaker, LSRS Webinar: Spondylolisthesis Indications for Laminectomy Surgery. June 25, 2012
44. **Trost, G.R.** Course Director, Cleveland Clinic Spine Review. July 11-17, 2012.
45. **Trost, G.R.** Moderator CSNS Socioeconomic Session. Chicago, IL October 8, 2012.
46. **Trost, G.R.** Moderator CSNS, Original Papers. Chicago, IL, October 8, 2012.
47. **Trost, G.R.** Mock Oral Board Examiner, AANS Goodman Oral Board Review Course, November 3-6, 2012, Houston, TX.
48. **Trost, G.R.** Mock Oral Board Examiner Plenary Session, AANS Goodman Oral Board Review Course, November 3-6, 2012, Houston, TX.
49. **Trost, G.R.** Course Director, Cleveland Clinic Spine Review, Cleveland, OH, July 2013.
50. **Trost, G.R.** Course Director, Cleveland Clinic Spine Review. Cleveland, OH September, 2013
51. **Trost, G.R.** Moderator: LSRS Webinar, Minimally Invasive Lumbar Spine Surgery. September 30, 2013.
52. **Trost, G.R.** Council of State Neurosurgical Societies Moderator. Congress of Neurological Surgeons Annual Meeting, October, 2013.
 - a. Best Paper Presentations
 - b. Special Course: Patient Satisfaction
 - c. Best Poster Presentation
53. **Trost, G.R.** Council of State Neurosurgical Societies, CEC Education. Congress of Neurological Surgeons Annual Meeting, October, 2013
54. **Trost, G.R.** Mock Oral Board Examiner, AANS Goodman Oral Board Review Course, November 2013, Houston, TX.
55. **Trost, G.R.** Mock Oral Board Examiner, Plenary Session, AANS Goodman Oral Board Review Course, November 2013, Houston, TX.
56. **Trost, G.R.** Lumbar Spine Research Society Board Meeting. Los Angeles, CA December, 2013

57. **Trost, G.R.** Moderator, General Session 5. Congress of the Neurological Surgeons Spine Complication Course. Jackson Hole, WY, January 2014.
58. **Trost, G.R.** Moderator, Spinal Axis Trauma Session (Seminar 224). AANS Annual Meeting, San Francisco, CA, April 9, 2014.
59. **Trost, G.R.** Moderator, Basic Science (#2 Session). Lumbar Spine Research Society (LSRS) Meeting, Chicago, IL, May 1, 2014.
60. **Trost, G.R.** Moderator, Module – Bone Healing. Lumbar Spine Research Society (LSRS) annual meeting, Chicago, IL May 2, 2014.
61. **Trost, G.R.** Prestige LP Cervical Disc System – Faculty Training Program. Medtronic Training, Miami, FL, May 2-3, 2014.
62. **Trost, G.R.** Meeting participant. Patient Experience Summit, Cleveland Clinic Foundation, Cleveland, OH, May 18-21, 2014.
63. **Trost, G.R.** Course Director, Cleveland Clinic Spine Review. Cleveland, OH, July 9-15, 2014.
64. **Trost, G.R.** Case Review, Cleveland Clinic Spine Review. Cleveland, OH, July 9-15, 2014.
65. **Trost, G.R.** Mock Oral Board Examiner Plenary Session, American Association of Neurological Surgeons Goodman Oral Board Course. Houston, TX, November, 2014.
66. **Trost, G.R.** Mock Oral Board Examiner, American Association of Neurological Surgeons. Houston, TX, November 2014.
67. **Trost, G.R.** Case Presentations. Spine Complication Course. Lake Tahoe, CA, January 2015.
68. **Trost, G.R.** CSNS Quadrant Chair. AANS Annual Meeting. Washington, D.C., May 2015.
69. **Trost, G.R.** Moderator – Spinal Axis Trauma. AANS Annual Meeting. Washington D.C., May 6, 2015.
70. **Trost, G.R.** Course Director, Cleveland Clinic Spine Review. Cleveland, OH, July 14-21, 2015.
71. **Trost, G.R.** Case Review, Cleveland Clinic Spine Review. Cleveland, OH, July 14-21, 2015.

72. **Trost, G.R.** 2016 Cleveland Spine Review Kick Off. Cleveland, OH, September 18, 2015.
73. **Trost, G.R.** Course Director and Moderator. Congress of Neurological Surgeons Annual Meeting. New Orleans, LA, September 24-October 1, 2015.
74. **Trost, G.R.** Mock Oral Board Examiner Plenary Session, American Association of Neurological Surgeons Goodman Oral Board Course. Houston, TX, November, 2015.
75. **Trost, G.R.** Mock Oral Board Examiner, American Association of Neurological Surgeons. Houston, TX, November 2015.
76. **Trost, G.R.** Council of State Neurosurgical Societies Spring meeting at the Congress of Neurological Surgeons Annual Meeting. Chicago, Illinois, April 2016.
77. **Trost, G.R.** World Neurosurgery Editorial Board Meeting, American Association of Neurological Surgeons Annual Meeting, Chicago, Illinois, April 2016.
78. **Trost, G.R.** Moderator: Management of Spinal Axis Trauma. American Association of Neurological Surgeons Annual Scientific Meeting, Chicago, Illinois, May 2, 2016.
79. **Trost, G.R.** Panelist: Osteoporosis and Spinal Fusion Surgery. American Association of Neurological Surgeons, Chicago, Illinois, May 4, 2016.
80. **Trost, G.R.** Society of Neurological Surgeons Boot Camp. Chicago, Illinois, July 2016.
81. **Trost, G.R.** Course Director. Cleveland Clinic Spine Review. Cleveland, Ohio, July 2016.
82. **Trost, G. R.** 2017 Cleveland Clinic Spine Planning Meeting. Cleveland, Ohio, September 2016.
83. **Trost, G.R.** Member: Council of State Neurosurgical Societies fall meeting at the Congress of Neurological Surgeons Annual Meeting. San Diego, California 2016.
84. **Trost, G.R.** Director/Moderator: Congress of Neurological Surgeons Annual Meeting. San Diego, California, September 2016.

85. **Trost, G.R.** Mock Oral Board Examiner. American Association of Neurological Surgeons Goodman Oral Board Course. Houston, Texas, November 2016.
86. **Trost, G.R.** Course Director, Cervical Spine Operative Masters Course, Karachi, Pakistan February 2017.
87. **Trost, G.R.** Moderator, Breakfast Seminar. American Association of Neurological Surgeons Annual Meeting. Los Angeles, CA April 2017.
88. **Trost, G.R.** Course Director, Cleveland Clinic Spine Review. July 12-18, 2017.
89. **Trost, G.R.** Course Director, Cleveland Clinic Spine Review. July 10-17, 2018.
90. **Trost, G.R.** Symposium Coordinator, Course Director, Benzel Symposium. San Diego, CA. April 11-12, 2018.

International Teaching Activities

1. **Trost, G.R.,** *Patient Evaluation and Assessment.* Egyptian Hands-On Spine Review. Cairo, Egypt, November 17-18, 2004.
2. **Trost, G.R.,** *Lab Instructor.* Aegean Spine Review. İzmir, İzmir, Turkey, November 6-12, 2005.
3. **Trost, G.R.,** *Case Presentations.* Aegean Spine Review. İzmir, İzmir, Turkey, November 6-12, 2005.
4. **Trost, G.R.,** *Case Presentations.* Pan Arab Orthopedic Society and GCC Meeting. Bahrain, December 4, 2005.
5. **Trost, G.R.,** *Lab Demonstrations.* Pan Arab Orthopedic Society and GCC Meeting. Bahrain, December 4, 2005.
6. **Trost, G.R.,** Lab Instructor, Egyptian Spine Review, Cairo, Egypt, August 3-9, 2007
7. **Trost, G.R.,** Lab Faculty, European Spine Review and Cadaver Hands-On Course, Heraklion Crete, Greece, July 25-August 1, 2008
8. **Trost, G.R.** World Spine V 2010 Hands On Course: Didactic Sessions Case Introductions I, World Spine V, Santorini, Greece, May 7-9, 2010

9. **Trost, G.R.** General Sessions VI: Spine Trauma, Cervical Fractures, World Spine V, Santorini, Greece, May 7-9, 2010
10. **Trost, G.R.** World Spine 2010 Hands on Course: Didactic Sessions II Overview of Cervical Approaches, World Spine V, Santorini, Greece, May 7-9, 2010
11. **Trost, G.R.** World Spine 2010 hands on Course: Didactic Sessions III Cervical Surgery Indications and Techniques, World Spine V, Santorini, Greece, May 7-9, 2010
12. **Trost, G.R.** General Sessions XVI The Future of Spine Surgery: What's New?, Co-Moderator, World Spine V, Santorini, Greece, May 7-9, 2010
13. **Trost, G.R.** General Sessions XVI The Future of Spine Surgery: What's New?, What's New In Guidelines, World Spine V, Santorini, Greece, May 7-9, 2010
14. **Trost, G.R.** General Session XVI The Future of Spine Surgery: What's New?, Use and Complications of BMP2, World Spine V, Santorini, Greece, May 7-9, 2010
15. **Trost, G.R.** General Session XX Thoracic Disc Herniation: Posterior Surgical Options for Thoracic Disc, World Spine V, Santorini, Greece, May 7-9, 2010
16. **Trost, G.R.** Hands on Course: Didactic Sessions VII, World Spine V, Santorini, Greece, May 7-9, 2010
17. **Trost, G.R.** General Sessions XXVII: Management of Lumbar Instability, World Spine V, Santorini Greece, May 7-9, 2010
18. **Trost, G.R.** Lab Instructor, Approaches to Occipitocervical Junction, World Spine Hands on Course, Santorini Greece, May 10-14, 2010
19. **Trost, G.R.** Lab Instructor, Dorsal Fixation Techniques, World Spine Hands on Course, Santorini Greece, May 10-14, 2010
20. **Trost, G.R.** Lab Instructor, Lumbosacral and Pelvic Fixation Techniques, World Spine Hands on Course, Santorini Greece, May 10-14, 2010
21. **Trost, G.R.** Instructor, Clinical Strategies and Cases, World Spine Hands on Course, Santorini Greece, May 10-14, 2010
22. **Trost, G.R.** Lab Instructor, Percutaneous Pedicle Screws Indications and Techniques, World Spine Hands on Course, Santorini Greece, May 10-14, 2010

23. **Trost, G.R.** Course Director, 1st Coventry 2015 Spine Masters, A World Spinal Column Society's Course. University Hospital Coventry & Warwickshire, United Kingdom, April 2015.
24. **Trost, G.R.** Cadaver Lab 1: Transoral and Cervical Approaches and Fixation. University Hospital Coventry & Warwickshire, United Kingdom, April 2015.
25. **Trost, G.R.** Cadaver Lab 2: Dorsal Cervical Approaches and Fixation Techniques. University Hospital Coventry & Warwickshire, United Kingdom, April 2015.
26. **Trost, G.R.** Cadaver Lab 3: Dorsal and Dorsolateral Approaches to the Thoracic Spine Surgery. University Hospital Coventry & Warwickshire, United Kingdom, April 2015.
27. **Trost, G.R.** Cadaver Lab 4: Minimally Invasive Spine/Endoscopic Discectomy (Lateral Approaches). University Hospital Coventry & Warwickshire, United Kingdom, April 2015.
28. **Trost, G.R.** Cadaver Lab 5: Ventral and Lateral Exposure of the Thoracolumbar Spine/sacroiliac techniques. University Hospital Coventry & Warwickshire, United Kingdom, April 2015.
29. **Trost, G.R.** Case Presentations. 1st Coventry 2015 Spine Masters, A World Spinal Column Society's Course. University Hospital Coventry & Warwickshire, United Kingdom, April 2015.
30. **Trost, G.R.** Invited Lecturer. Pakistan Society of Neurosurgeons Annual Meeting. Karachi, Pakistan, November 19-22, 2015.
31. **Trost, G.R.** Lab Instructor. Four hands-on cadaver courses, Pakistan Society of Neurosurgeons Annual Meeting. Karachi, Pakistan, November 19-22, 2015
32. **Trost, G.R.** Moderator. Pakistan Society of Neurosurgeons Annual Meeting. Karachi, Pakistan, November 19-22, 2015.
33. **Trost, G.R.** Panel Discussion: Role of Surgery in Cervical Spine, Are We Doing Enough or Overdoing Our Job? World Spinal Column Society Meeting. Cairo, Egypt, February 17, 2016.
34. **Trost, G.R.** Debate: Anterior Cervical Decompression and Fusion vs. Cervical Disc Arthroplasty. World Spinal Column Society Meeting Part II. Sokhna, Egypt, February 19, 2016.

35. **Trost, G.R.** Course Director, Coventry Spine Masters. July 28-30, 2017.
36. **Trost, G.R.** Cadaver Lab: Approaches to the Craniocervical Junction. World Spinal Column Society: Worldspine 8, Lisbon, Portugal, April 13-14, 2018
37. **Trost, G.R.** Cadaver Lab Demonstration: L3 Pedicle Subtraction Osteotomy. World Spinal Column Society: Worldspine 8, Lisbon, Portugal, April 13-14, 2018
38. **Trost, G.R.** Cadaver Lab Instructor. World Spinal Column Society: Worldspine 8, Lisbon, Portugal, April 13-14, 2018
39. **Trsot, G.R.** Lab Instructor – Anterior Cervical Approach Decompression and Fusion. Brain and Spine Conference and Cadaveric Course 2018. Belfast, UK September 2018.
40. **Trost, G.R.** Lab Instructor – Occipital Cervical and Dorsocervical Fixation Techniques. Brain and Spine Conference and Cadaveric Course 2018. Belfast, UK September 2018.
41. **Trost, G.R.** Lab Instructor – Transforaminal Lumbar Interbody Fusion Minimally Invasive and Open. Brain and Spine Conference and Cadaveric Course 2018. Belfast, UK September 2018.

PROGRAM DEVELOPMENT

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