

CURRICULUM VITAE**KRIS. S. MOE, M.D., F.A.C.S.****CONTACTS**

Department of Otolaryngology-Head and Neck Surgery
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PERSONAL DATA

Marital status: Married
 Citizenship: United States of America
 Republic of Ireland

EDUCATION

Harvard University, Cambridge, MA	A.B.	1981-1985
University of Washington, Seattle, WA	M.D.	1985-1989

POST-DOCTORAL TRAINING

General Surgery University of Washington Seattle, Washington		1989-1991
Otolaryngology-Head and Neck Surgery University of Washington Seattle, Washington		1991-1994
Otolaryngology-Head and Neck Surgery University of Michigan Ann Arbor, Michigan		1994-1995
Fellowship: Facial Plastic Surgery (Aesthetic, Craniofacial, Anterior Skull Base, and Microvascular Surgery) American Academy of Facial Plastic and Reconstructive Surgery Hopital Universitaire de Berne (Prof. Joram Raveh) Bern, Switzerland		1995-1996
Fellowship: Skull Base Surgery Universitätsspital Zürich Poliklinik für Otorhinolaryngologie (Prof. Ugo Fisch) Zürich, Switzerland		1996-1998

ACADEMIC APPOINTMENTS

Oberarzt (Assistant Professor) Otorhinolaryngologie Universitätsspital Zürich Poliklinik für Otorhinolaryngologie Zürich, Switzerland	1996-1998
Assistant Professor of Surgery Director, Skull Base and Craniofacial Trauma Surgery Co-Director, Facial Plastic and Reconstructive Surgery Division of Head and Neck Surgery University of California, San Diego	1998-2002
Associate Professor of Surgery Director, Head and Neck Oncology, San Diego VA Director, Skull Base and Craniofacial Trauma Surgery Co-Director, Facial Plastic and Reconstructive Surgery Division of Head and Neck Surgery University of California, San Diego	2002-2005
Clinical Associate Professor of Surgery Division of Head and Neck Surgery University of California, San Diego	2005-2007
Chief, Division of Facial Plastic and Reconstructive Surgery Department of Otolaryngology-Head and Neck Surgery University of Washington, Seattle	2006-Present
Associate Professor Department of Neurological Surgery University of Washington, Seattle	2011-2014
Academic Faculty Madigan Army Medical Center Department of Otolaryngology- Head and Neck Surgery	2012-P
Professor Department of Otolaryngology-Head and Neck Surgery University of Washington, Seattle	2014-P
Professor Department of Neurological Surgery University of Washington, Seattle	2014-P
Chief of Otolaryngology-Head & Neck Surgery, Interim Harborview Medical Center, University of Washington	2015-2023
Chief of Otolaryngology-Head & Neck Surgery,	2024-P

Harborview Medical Center, University of Washington

Primary Research Mentor, UW Otolaryngology-Head & Neck Surgery 2014-P

BOARD CERTIFICATION

National Board of Medical Examiners 1990

Diplomate, American Board of Otolaryngology - Head and Neck Surgery 1996

Diplomate, American Board of Facial Plastic and Reconstructive Surgery 2000

LICENSES TO PRACTICE

State of Washington Medical License	Active
State of Michigan Medical License	Inactive
State of California Medical License	Inactive

PROFESSIONAL ORGANIZATIONS

American College of Surgeons
American Academy of Otolaryngology- Head and Neck Surgery
American Head and Neck Society
American Academy of Facial Plastic and Reconstructive Surgery
North American Skull Base Society
Northwest Academy of Otolaryngology
European Academy of Facial Plastic Surgery
Société Suisse D'Otolaryngologie Et De Chirurgie Cervico-Faciale
Membre Extraordinaire (Swiss Academy of Otolaryngology)
Deutsche Gesellschaft für Hals-Nasen-Ohren-Heilkunde, Kopf- und Hals-
Chirurgie E.V. (German Academy of Otolaryngology)
Arbeitsgemeinschaft fuer Osteosynthese Fragen (AO), International Faculty Member
Triologic Society, Elected Fellow 2010

DEI ACTIVITIES

Regular participant in departmental DEI activities, all recent hires that I have participated in have recruited BIPOC or LGBTQIA2+

JOURNAL REVIEWER

JAMA Facial Plastic Surgery
The Laryngoscope
Skull Base
Otolaryngology-Head and Neck Surgery
Journal of Neurosurgery
Head and Neck
Craniofacial Trauma and Reconstruction
Archives of Otolaryngology – Head and Neck Surgery
Acta Oto-Laryngologica

Journal of Neurological Surgery
 Ophthalmic Plastic and Reconstructive Surgery

COMMITTEES / APPOINTMENTS

American Board of Otolaryngology Task Force on New Materials – Exam Writer	2007-2012
American Board of Facial Plastic and Reconstructive Surgery Examination Committee,	2007-2011
American Academy of Facial Plastic and Reconstructive Surgery Fellowship Committee	2006-2008
Harborview Medical Center Acute Care Committee	2008-Pres
Harborview Medical Center Operating Room Committee	2006-P
Northwest Academy of Otolaryngology, Board of Directors	2009-P
Harborview Medical Center Acute Care Committee	2006-P
AAO-HNS/F Skull Base Surgery Committee	2009-P
San Diego Academy of Otolaryngology, President Elect	2005
University of California, San Diego Surgical Services Committee	2001-2005
University of California, San Diego Otolaryngology Admissions Committee	1999-2004
University of California, San Diego Human Research Review Board	2002-2005
Board of Directors, Northwest Academy of Otolaryngology	2010-P
Board of Governors, Seattle Surgical Society	2012-2016
Board of Directors, Spi Surgical, Inc.	2010-P
UWMC Operating Room Development Committee	2012-P
Facial Plastic Surgeon for	2010-P
Seattle Mariners	
Seattle Seahawks	
University of Washington Huskies	
UW Otolaryngology Research Committee	2014-P
Scientific Planning Committee, North Am Skull Base Society Annual Meeting	2016-8
Board of Directors, North American Skull Base Society	2017-P
Faculty search committee, UW Neurotology	2017-18

AWARDS AND HONORS

Dean's List Harvard College	1982-1985
Harvard College Scholarship for “Academic Achievement of High Distinction”	1982-1985
Graduated from Harvard College with Honors	1985
Awarded Medical Science Research Training Program Grant	1987
Awarded Sidney Sheldon Oncology Research Fellowship	1988
American Cancer Society Arthur Campbell Fellow	
Awarded Leibinger International Fellowship for Craniomaxillofacial Surgery	1994
Membre Extraordinaire De Société Suisse D’Otolaryngologie	1998
Et De Chirurgie Cervico-Faciale	
Golden Apple Teaching Award “In appreciation of sincere enthusiasm, dedication, and excellence in education”, UCSD	2002
Initiated as Fellow, American College of Surgeons	
University of California San Diego Academic Senate Research Award	2003
President Elect, San Diego Academy of Otolaryngology–Head and Neck Surgery	2005
Appointed to Advanced Craniomaxillofacial Forum Board of Advisors	2005

Honorary Member: Deutsche Gesellschaft für Hals-Nasen-Ohren-Heilkunde, Kopf- und Hals-Chirurgie	2006
University of Washington Otolaryngology teaching award	2007
American Academy of Facial Plastic Surgery Teacher of the Year Award	2010
Editor's Choice Citation: Transorbital Neuroendoscopic Surgery	2010
Fellow, Triologic Society (Thesis: Transorbital endoscopic repair of complex cerebrosplinal Fluid leaks; Mentor: Derald Brackmann))	2010
BBC World Report Feature: "Surgeons pioneer brain surgery through the eye socket"	2010
Trachy Award for Research Mentorship, UW Oto-HNS	2011
Keynote Speaker: Pan-Asia Society of Facial Plastic Surgery Annual Meeting	2011
Board of Governors, Seattle Surgical Society	2012
COSM "Most outstanding clinical research presentation" (Bly, Moe)	2013
Incoming president's award, most outstanding poster AAO (Bly, Moe)	2013
Trachy Award for Research Mentorship, UW Oto-HNS	2014
<i>Top Doctor Awards:</i>	
Featured in "Leading Physicians of the World"	2014
America's Top Physicians	2014-
"Best Doctors in America", elected annually by peer review (Approximately 4% of all doctors in the U.S. are honored in this way by their colleagues as the result of a nationwide survey, in which doctors cast more than one million votes.)	2005-
US News & World Report <i>Nation's Top Doctors</i> (by peer selection)	2012-
Top Doctors in Washington State (peer selection), Washington Magazine	2009-
Top Doctors in Seattle, Seattle Magazine	2012-
Top Doctors, Seattle Met Magazine	2014-
Best-of-Best Top Doctors, Seattle Met Magazine	2021-

RESEARCH SUPPORT

1. Improving Image-Guided Surgery Precision and Reliability with Real-Time Modification Tracking in Endoscopic Sinus and Skull Base Surgery
Li YM, Moe KS
NIH R-15 EBO34519 – 01A1
Role: UW-PI
Amount: \$459,375
2. Immersive Skull Base Planning.
Moe, KS
Role: PI
HMC Orthocare Grant
Amount: \$50,000
3. Instrument Motion Analysis for Advanced Surgical Planning and Robotic Development
Moe KS (PI)

Funding Opportunity: Industry-Sponsored Research Grant, Medtronic Inc.

Role: PI

Amount: \$285,000 (equipment, supplies and support)

4. University of Washington OTO Seed Grant
Multimicroportal Parallax Endoscopy (\$10,000) 2020-2021
PI: Kris Moe, MD, Randall Bly, MD
5. Moe KS, Bly R, Hannaford B. Washington Research Foundation Phase I Device Washington Research Foundation
Surgical Instrument Cart (\$50,000) 2019-2021
Kris Moe, MD, Randall Bly, MD, Blake Hannaford, PhD

GRANT APPLICATIONS IN REVIEW

N/A, most recent application was funded (see above)

COMPLETED RESEARCH SUPPORT

1. Surgical Instrument Organization and Delivery System.
 - a. 5/7/2019-11/1/2019
 - b. Moe KS, Hannaford B, Bly R.
 - c. Washington Research Foundation Technology Development Grant.
 - d. Role: Inventor
 - e. Amount: \$50,000
2. Computer Modeled Approaches to the Skull Base.
 - a. Moe KS (Co-PI), Hannaford B (Co-PI), Bly R
 - b. Application number: 1 R21 EB016122-01 2013-2015
 - c. Funding Opportunity: PA-11-261: NIH Exploratory/Developmental Research Grant Program (Parent R21).
 - d. Role: Co-PI
 - e. Amount: \$250,000
3. Coulter Translational Research Grant
 - a. 1/1/2015-12/31/2016
 - b. Computer Model for Advanced Pre-Operative Planning in Skull Base Surgery
 - c. Kris S. Moe, MD (Co-PI), Blake Hannaford PhD, (Co-PI), Randall Bly, MD, Howard Chizeck, ScD
 - d. Coulter Program (Wallace H. Coulter Foundation Grant, for biomedical engineering-research directed at the transfer of promising technologies)
 - e. Role: Co-PI
 - f. Amount: \$100,000
4. Endoscopic Surgical Instrument Delivery System
 - a. 11/1/2015-12/31/2016
 - b. UW Center for Commercialization

- c. Opportunity: Funding for commercialization of innovation
 - d. Role: PI
 - e. Amount: \$10,000
5. AAO-HNSF CORE Grant,
 - a. 7/1/13 – 6/30/14
 - b. Computer Modeled Multiportal Approaches to the Skull Base.
 - c. This grant was awarded for developing surgical pathway analysis software.
 - d. Role: Mentor / Co-PI
 - e. Amount: \$10,000
 6. Department of Defense STTR Phase II Grant W81XWH-09-C-0159, (Rosen, PI),
 - a. 11/02/10- 11/02/13
Surgical Cockpit - Multisensory/Multimodal Interfaces for Robotic Surgery.
This grant is directed at developing the interface between surgeon and robotic surgery tools.
Role: Co-Investigator
 - b. Amount: \$750,000
 7. Department of Defense STTR Phase I Grant W81XWH-11-C-0010 (Lendvay, PI),
 - a. 11/01/10- 11/01/2011
Surgical Performance, Intelligent Surgical Instrumentation, and Surgical Robotics.
Surgical feasibility studies for a neurosurgical robotic sheath and interface.
Role: Co-Investigator
Amount: \$100,000
 8. Department of Defense STTR Phase I Grant, W81XWH-09-C-0156, (Hannaford PI),
09/01/2009-08/31/2010
Robotic Sheath for Minimally Invasive Neurosurgery -
This grant was directed at developing a microsurgical robot capable of microsurgery through minimal access sites to the brain and skull base.
Role: Co-Investigator
 - a. Amount: \$100,000
 9. Department of Defense STTR Phase I Grant, W81XWH-09-C-0159, (Rosen, PI),
09/01/2009-08/31/2010
Surgical Cockpit - Advancing User Interface for Networked Surgical Telerobotics.
This grant was directed at developing the interface between surgeon and robotic surgery tools.
Role: Co-Investigator
 - a. Amount: \$100,000
 10. Leslie Bernstein Grant, American Academy of Facial Plastic Surgery, (Moe, PI),
 - a. 08/01/2003-07/31/04
 - b. Analysis of techniques of facial nerve repair in transgenic mice expressing GFP under control of a neuron-specific promoter.
 - c. Role: Primary investigator
 - d. Amount: \$35,000

11. University of California San Diego Academic Senate Grant -. Kris S. Moe, M.D (Moe, PI), 7/2002-6/2003
 - a. Studies of Facial Nerve Regeneration under Fluorescent Monitoring.
 - b. Role: PI
 - c. Amount: \$15,000

PEER REVIEWED PUBLICATIONS

1. Moe RE, Moe KS, Porter P, Gown AM, Ellis G, Tapper D. Expression of Her-2/NEU Oncogene Protein Product and Epidermal Growth Factor Receptors in Surgical Specimens of Human Breast Cancers. *Am J Surg* 1991; 161 (5): 580-583
2. Moe KS, Wolf GT, Fisher SG and the VA Laryngeal Cancer Study Group. Regional Metastases in Patients With Advanced Laryngeal Cancer. *Arch Otolaryngol Head and Neck Surg.* 1996; 122:644-648
3. Thomas G, Greenberg J, Wu K, Moe KS et al. Planned Early Neck Dissection Prior to Radiation for Persistent Neck Nodes After Induction Chemotherapy. *Laryngoscope* 1997;107: 1129-1137
4. Biro P, Moe KS. Emergency Transtracheal Jet Ventilation in High Grade Airway Obstruction. *J Clin. Anesth* 1997; 9:604-607
5. Stöckli S, Moe KS, Kaufmann T, Bruder E. Fibrous Dysplasia of the Middle Turbinate as a Cause of Periorbital Abscess. *Otolaryngology-Head and Neck Surgery* 1999; 120:283-285
6. Moe KS, Stöckli SJ, Schmid S, Weymuller EA. Percutaneous Tracheostomy: A Comprehensive Evaluation. *Annals of Otolaryngology, Rhinology, and Laryngology* 1999; 108:384-391
7. Huguenin P, Glanzmann C, Taussky D, Luetolf A, Schmid S, Moe KS. Hyperfractionated Radiotherapy and Simultaneous Cisplatin for Stage-III and -IV Carcinomas of the Head and Neck. *Strahlentherapie und Onkologie* 1998; 174:397-402
8. Stoeckli S, Moe KS, Huber A, Schmid S. A Prospective Randomized Double-Blind Trial of Fibrin Glue for Pain and Bleeding after Tonsillectomy. *Laryngoscope* 1999; 109:652-655
9. Taussky D, Huguenin P, Glanzmann C, Moe KS. Quality of Life in Patients Cured From a Carcinoma of the Head and Neck by Radiotherapy: the Importance of the Target Volume. *Int J Radiat Oncol Biol Phys* 1999; 45:47-52
10. Moe KS, Li Daqing, Linder TE, Schmid S, Fisch U. An Update on the Surgical Management of Paragangliomas of the Temporal Bone. *Skull Base Surgery* 1999; 9:185-194
11. Simmen D, Scherrer JL, Moe KS, Heinz B. A Dynamic Direct-Visualization Model for the Study of Nasopharyngeal Airflow. *Arch Otolaryngol Head Neck Surg* 1999; 125:1015-21

12. Moe KS, Linder T. The Lateral Transorbital Canthopexy For Correction and Prevention of Ectropion: Report of a Procedure, Grading System, and Prospective Study. *JAMA Facial Plastic Surgery* 2000;2:9-15
13. Moe KS, Weisman RA. Resorbable Fixation in Facial Plastic and Head and Neck Reconstructive Surgery. *Laryngoscope* 2001; 111: 1697-1701
14. Weisman RA, Kikkawa D, Moe KS. Surgical Management of Orbital Tumors. *Otolaryngol Clin North Am.* 2001 Dec; 34(6):1157-74
15. Beros AD, Helinski J, Moe KS. Tissue transfer, gracilis. *Otolaryngology and Facial Plastic Surgery*, 2001 eMedicine from WebMD. Available at: <http://emedicine.medscape.com/article/880792-overview> (average 125 readers per month)
16. Hilinski J, Moe KS. Vertical Dome Division in Rhinoplasty. *Otolaryngology and Facial Plastic Surgery*, 2001 eMedicine from WebMD. Available at: <http://emedicine.medscape.com/article/841313-overview> (average 40 readers per month)
17. Moe KS. The Precaruncular Approach to the Medial Orbit. *JAMA Facial Plastic Surgery.* 2003; 5:483-487
18. Moe KS, Kao CH. Retrograde weight implantation for correction of lagophthalmos. *Laryngoscope* 2004; 114:1570-5
19. Hicks D, Moe KS. Solitary Fibrous Tumors of the Skull Base. *Skull Base* 2004; 14: 203-207
20. Moe KS, West A. Compression Plating of Mandibular Angle Fractures. *Arch Otolaryngol Head Neck Surg* 2005; 131:170-171
21. Moe KS, Kao CH. Precaruncular Medial Canthopexy. *JAMA Facial Plastic Surgery* 2005; 7:1-7
22. Tsao YH, Kao CH, Wang HW, Chin SC, Moe KS. Transorbital Penetrating Injury of the Paranasal Sinuses and Anterior Skull base by a chair glide: Management Options of a Foreign Body in Multiple Anatomic Compartments. *Otolaryngol Head Neck Surg.* 2006 Jan; 134(1):177-9.
23. Jothi S, Moe KS. Lower eyelid splinting: an alternative to the Frost suture. *Laryngoscope* 2007; 117:63-66
24. Kim TB, Moe KS, Eisele DW, Orloff LA, Wang SJ. Full Thickness Skin Graft from the Groin for Coverage of the Radial Forearm Free Flap Donor Site. *Am J of Otolaryngol* 2007; 28(5):325-9
25. Hsiao YC, Kao CH, Wang H-W, and Moe KS. A surgical algorithm using open rhinoplasty for correction of traumatic twisted nose. *Aesthetic Plast Surg* 2007; 31(3):250-8
26. Byrne PJ, Kim, Boahene D, Millar J, Moe K. The temporalis tendon transfer as part of a comprehensive approach to facial reanimation. *JAMA Facial Plastic Surgery* 2007; 9(4):234-241

27. Moe KS, Jothi S, Stern R, Gassner HG. Lateral retrocanthal orbitotomy; a minimally invasive canthus-sparing approach. *JAMA Facial Plastic Surgery* 2007; 9(6):419-26
28. Gassner H, Rafii A, Young A, Murakami C, Moe KS, Larrabee WF. Surgical anatomy of the face: Implications for modern facelift techniques. *JAMA Facial Plastic Surgery* 2008; 10(1):9-19 PMID:18209117
29. Bergeron CM, Moe KS. The evaluation and treatment of upper eyelid paralysis. *Facial Plast Surg* 2008;24:220-230
30. Bergeron CM, Moe KS. The evaluation and treatment of lower eyelid paralysis. *Facial Plast Surg* 2008;24:231-241
31. Suryadevara AC, Moe KS. Reconstruction of eyelid defects. *Facial Plast Surg Clin North Am.* 2009 Aug; 17(3):419-28.
32. Moe KS. Facial Trauma: Management of Panfacial Fractures. eMedicine from WebMD. Updated February 2012. Available at: <http://emedicine.medscape.com/article/1283471> (average 400 readers per month)
33. Moe KS. Management of Maxillary and LeFort Fractures. eMedicine from WebMD. Updated February 2012 Available at: <http://emedicine.medscape.com/article/1283568> (average 2000 readers per month)
34. Moe KS, Bergeron CM, Ellenbogen RG. Transorbital Neuroendoscopic Surgery. *Neurosurgery* 2010; 67(3) ons:16-28
35. Ciporen JN, Moe KS, Lopez S, Ledesma E, Ramanathan D, Rostomily R, and Sekhar L. Multi-Portal Endoscopic Approaches to the Central Skull Base: A Cadaveric Study. *World Neurosurg.* 2010 Jun;73(6):705-12. PMID:20934161
36. Moe KS, Kim LJ, Bergeron CM. Transorbital endoscopic repair of complex cerebrospinal fluid leaks. *Laryngoscope*, 121:13–30, 2011
37. Sardesai M, Moe KS. Recent Progress in Facial Paralysis: Advances and Obstacles. *Current Opinion in Otolaryngology-Head and Neck Surgery.* 2010, 18(4):266-71
38. Hsia JC, Schmitt N, Hoch B, Moe KS. Laryngeal rhabdomyosarcoma. *Arch Otolaryngol Head Neck Surg.* 2011;137(6):638-639. PMID:21690521
39. Balakrishnan K, Moe KS. Applications and outcomes of orbital and transorbital endoscopic surgery. *Otolaryngology – Head and Neck Surgery*, 2011, 144(5): 815 - 820. PMID:21493355
40. Hsia JC, Moe KS. Vacuum-assisted wound closure of forehead soft tissue defects. *JAMA Facial Plastic Surgery.* 2011;13(4):278-282 PMID:21768563
41. Levitt MR, Vaidya SS, Su DK, Moe KS, Kim LJ, Sekhar LN, Hallam DK, Godke BV. The

- “triple-overlay” technique for percutaneous diagnosis and treatment of lesions of the head and neck: Combined 3D guidance with MRI, flat panel detector CT, and fluoroscopy. *World Neurosurg.* 2013 Mar-Apr;79(3-4):509-14. PMID:22484075
42. Bhamra P, Manning S, Moe KS. Skull base myxoma. *International Journal of Pediatric Otorhinolaryngology* 2012; 7 (1), 26-29
 43. Lim JH, Sardesai M, Ferreira M, Moe KS. Transorbital neuroendoscopic management of sinogenic complications involving the frontal sinus, orbit and anterior cranial fossa. *J Neurological Surgery* 2012; 73(B6): 394-400
 44. Bly RA, Su D, Hannaford B, Ferreira M, Moe KS. Computer Modeled Multiportal Approaches to the Skull Base. *J Neurological Surgery* 2012; 73(B6): 415-23
 45. Bly R, Liu J, Cjudekova M, Chang SH, Moe KS. Computer-guided orbital reconstruction improves surgical outcomes. *JAMA Facial Plastic Surgery* 2013 Mar 1;15(2):113-20
 46. Dillon J, Christensen B, Fairbanks T, Jurkovich G, Moe KS. The emergent surgical airway: cricothyrotomy vs tracheotomy. *Int J Oral Maxillofac Surg.* 2013; 42(2):204-8
 47. Chang AE, Chai X, Pollack SM, Rodler ET, Parvathaneni U, Moe KS, Neal Futran N, and Jones RL. Analysis of clinical prognostic factors for adult patients with head and neck sarcomas. *Otolaryngol Head Neck Surg.* 2014 Dec;151(6):976-83. PMID: 25257906
 48. Bly R, Ramakrishna R, Ferreira M, Moe KS. Lateral transorbital neuroendoscopic approach to the lateral cavernous sinus. *J Neurol Surg B Skull Base.* 2014 Feb;75(1):11-7. PMID: 24498584
 49. Bly R, Su D, Lendvay T, Friedman D, Hannaford B, Ferreira M, and Moe KS. Multiportal Robotic Access to the Anterior Cranial Fossa: A Surgical and Engineering Feasibility Study. *Otolaryngol Head Neck Surg.* 2013 Dec; 149(6):940-6. PMID:24154747
 50. Gupta D, Moe KS et al. Orbital metastasis of undifferentiated/anaplastic thyroid carcinoma. *Ophthal Plast Reconstr Surg.* 2014 May 23. PMID: 25679298
 51. Golub J, Moe KS. Letter to the Editor Response to Jackler et al. *Otolaryngology: "It's all Greek to Me"*. *Otolaryngology – Head & Neck Surgery* 2014; 150(5), 906
PMID 24789657
 52. Chappell MC, Moe KS, and Chang SH. Learning curve for use of the Sonopet ultrasonic aspirator in endoscopic dacryocystorhinostomy. *Orbit* 2014, 15: 1-6. PMID: 24832065
 53. Bly R, Morton R, Kim LJ, and Moe KS. Tension Pneumocephalus after Endoscopic Sinus Surgery: A Technical Report of Multiportal Endoscopic Skull. *Otolaryngol Head Neck Surg.* 2014 Dec;151(6):1081-3. PMID:25139951
 54. Qualls HE, Mitchell RM, Deubner H, Moe KS, Sardesai M. Nasal Angiosarcoma Metastatic to the Larynx. *Head Neck* 2016 May; 38(5):E99-E104. PMID 26717551

55. Oxford R, Bly R, Kim L, and Moe KS. Transorbital neuroendoscopic surgery of the middle cranial fossa by lateral retrocanthal approach. *J Neurol Surg B Skull Base*. 2012;22 (Suppl 1):68
56. Aghdasi N, Bly R, White LW, Hannaford B, Moe K, Lendvay TS. Crowd-Sourced Assessment of Surgical Skills in Cricothyrotomy Procedure. *J Surg Res*. 2015 Jun 15;196(2):302-6. PMID: 25888499
57. Aghdasi N, Li Y, Berens A, Moe KS, Bly RA, and Hannaford B. Atlas and feature based 3D pathway visualization enhancement for skull base pre-operative fast planning from head CT. *Proc. of SPIE Vol. 9415, 941519* (9 pages) International Society for Optics and Photonics, 2015
58. Ramakrishna R, Kim LJ, Bly R, Moe KS, and Ferreira MJ. Transorbital neuroendoscopic surgery for the treatment of skull base lesions. *J Clin Neurosci*, 2016 Feb;24:99-104 PMID 26563603
59. Berens Am, Davis GE, Moe KS. Transorbital endoscopic identification of supernumerary ethmoid arteries. *Allergy Rhino*, 2016 Jan 1;7(3):144-146. PMID: 28107146
60. Harbison RA, Berens AM, Li Y, Bly RA, Hannaford B, and Moe KS. Region-Specific Objective Signatures of Endoscopic Surgical Instrument Motion: A Cadaveric Exploratory Analysis. *J Neurol Surg B Skull Base*. 2017 Feb; 78(1):99-104 PMID: 28180051
61. Patel S, Berens AM, Devarajan K, Whipple ME, and Moe KS. Evaluation of a Minimally Disruptive Treatment Protocol for Frontal Sinus Fracture. *JAMA Facial Plastic Surgery* 2017 Feb 2. PMID:28152148
62. Yangming Li Y, Harbison RA, Bly RA, Humphreys I, Hannaford B, and Moe KS. Atlas Based Anatomical Region Segmentation for Minimally Invasive Skull Base Surgery Objective Motion Analysis. *J J Neurol Surg B Skull Base*, no. S 01 (2017)
63. Harbison RA, Shan XF, Douglas Z, Bevans S, Li Y, Moe KS, Futran N, Houlton JJ. Navigation Guidance During Free Flap Mandibular Reconstruction: A Cadaveric Trial. *JAMA Otolaryngol Head Neck Surg*. 2017 Mar 1;143(3):226-233. PMID:27893003
64. Rosen J, Sekhar N, Moe KS et al. Roboscope: A Flexible and Bendable Surgical Robot for Single Portal Minimally Invasive Surgery, *IEEE International Conference on Robotics and Automation (ICRA)*. IEEE, 2017.
65. Harbison RA, Li Y, Berens AM, Bly RA, Hannaford B, and Moe KS. An Automated Methodology for Assessing Anatomy-Specific Instrument Motion During Endoscopic

- Endonasal Skull Base Surgery. *J Neurol Surg B Skull Base* 2017 Jun;78(3):222-226. PMID: 28603682
66. Raudaschl PF, Zaffino P, Aghdasi N, Li Y, ...Moe KS, Hannaford B et al. Evaluation of Segmentation Methods on Head and Neck CT. *Med Phys*. 2017 May; 44(5):2020-2036. PMID: 28273355
 67. Berens AM, Li Y, Aghdasi N, Hannaford B, Moe KS. Quantitative Analysis of Transnasal Anterior Skull Base Approach: Report of Technology for Intraoperative Assessment of Instrument Motion. *Surg Innov* 2017 Aug;24(4):405-410. PMID: 28412879
 68. Ruzevick J, Koh EK, Gonzalez-Cuyar LF, Cimino PJ, Moe KS, Wright LA, Failor R, Ferreira M. Clival paragangliomas: a report of two cases involving the midline skull base and review of the literature. *J Neurooncol*. 2017 May;132(3):473-478. PMID: 28299533
 69. Callahan E, Bly R, Johnson K, Aghdasi N, Hannaford B, Moe KS, and Sardesai M. Wrist Motion Variation between Novices and Experienced Surgeons Performing Simulated Airway Surgery. *Oto Open Sage Journals* Volume: 1 issue: 4, Article first published online: November 8, 2017; Issue published: October 1, 2017<https://doi.org/10.1177/2473974X17738959>
 70. Aghdasi N, Li Y1, Berens A, Harbison RA, Moe KS, Hannaford B. Efficient Orbital Structures Segmentation With Prior Anatomical Knowledge. *J Med Imaging (Bellingham)*. 2017 Jul;4(3):034501. doi: 10.1117/1.JMI.4.3.034501. Epub 2017 Jul 22. PMID: 28744478
 71. Li YM, Bly, Randall A; Harbison A; Humphreys I; Whipple M; Hannaford B; Moe KS. Anatomical Region Segmentation for Objective Surgical Skill Assessment with Operating Room Motion Data. *J Neurol Surg B* 2017; 78(06): 490-496 DOI: 10.1055/s-0037-1604406 PMID: 29134168
 72. Starnes B, Singh N, Ghodke B, Moe KS. Giant carotid body tumors. *J Vasc Surg* 65 (6), 50S, 2017
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CHAPTERS, BOOKS

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15. Strub G, Moe KS. The use of negative-pressure therapy in the closure of complex head and neck wounds. *Facial Plast Surg Clin North Am*. 2013 Feb;21(1):137-45.
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25. Kirkham E, Perkins J, Moe KS. Juvenile Nasopharyngeal Angiofibroma. In *Vascular Tumors and Vascular Malformations of the Ear*. In Perkins and Balakrishnan (Eds), *Management of*

Head & Neck Vascular Anomalies, pages 67-72 Springer, 2018

26. Moe KS, Ed. Trauma in Facial Plastic Surgery. (13-chapter multidisciplinary book). Facial Plastic Surgery Clinics of North America. Volume 25, Issue 4, Pages 479-644 (November 2017) Elsevier
27. Bevans S, Moe KS. Advances in Orbital Reconstruction. In Moe KS (Ed): Trauma in Facial Plastic Surgery. Facial Plastic Surgery Clinics of North America. Volume 25, Issue 4, Pages 479-644 (November 2017) Elsevier
28. Moe KS. Advanced management of orbital fractures. In Moe KS, Ed. Advanced Management in Craniofacial Trauma. Facial Plast Surg Clin North Am. 2018 May; 26(2):237-251 PMID 29636153
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31. Moe KS, Murr A, Wester S. Controversies in Orbital Fracture Repair. In Fedok and Kellman (Ed.s): Controversies in Facial Plastic Surgery. Facial Plastic Surgery Clinics. 26 (2), 237-251
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33. Moe KS, Bly RA, and Ciporen JN. Transorbital and Multiportal Approaches. In Singh H, et al, Eds: Pediatric endoscopic endonasal skull base surgery. Thieme, Stuttgart, pages 55-69, 2020.
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36. Schwartz T, Kong DS, and Moe KS, Eds. Transorbital Endoscopic Surgery of the Skull Base and Brain. Springer Nature. (Co-Editor, including author of 5 chapters. Book to publish early 2024. This will be the first book on the subject).

PRESENTATIONS / INVITED LECTURESHIPS

1. Moe KS, Debas HT. Neuroendocrine Control of Gastrointestinal Peptides. Abstract, University of Washington Research Presentation, May 1989

2. Moe KS, Inglis A, Richardson MR. Thyroglossal Duct Cysts: The Children's Hospital Experience. University of Washington Research Presentation, June 1992
3. Moe KS, Weymuller EA. A Prospective Study and Comprehensive Review of Percutaneous Tracheotomy. University of Washington Research Presentation, June 1993
4. Moe KS, Weymuller EA. A New Model for the In Situ Study of Laryngotracheal Blood Flow, With Initial Applications. University of Washington Research Presentation, June 1994
5. Moe KS. Techniques in Microplating. International Conference on Craniofacial Surgery, Jerusalem, Israel May 1996
6. Moe KS. Options in Facial Reconstruction, Zürich, Switzerland August 1996
7. Moe KS. Trauma of the Midface and Mandible. Zurich, Switzerland, August 1997
8. Moe KS. Novel Techniques in Soft Tissue Reconstruction of the Face. Zurich, Switzerland, August 1997
9. Moe KS. Flaps in Facial Reconstruction. UCSD Lecture Series, February 1999
10. Moe KS. Reconstruction of Facial Fractures. UCSD Lecture Series, February 1999
11. Moe KS. Evaluation and Treatment of Penetrating Neck Trauma. UCSD Lecture Series, February 1999
12. Moe KS. A New Grading System and Procedure for the Correction of Ectropion. American Academy of Facial Plastic and Reconstructive Surgery, Palm Desert April 1999
13. Moe KS. Facial Reanimation: International State of the Art. International Panel Director, Otolaryngology 2,000: Achievements and Perspectives. Zurich, August 1999
14. Moe KS. Adjuvant Therapy in Facial Reanimation. UCSD Grand Rounds, August 1999
15. Moe KS. Resorbable Materials for Fixation of Craniofacial Fractures. Swiss Academy of Otolaryngology-Head and Neck Surgery Spring Meetings, Zurich, May 2000
16. Moe KS. Options in Eyelid Repositioning. Swiss Academy of Otolaryngology-Head and Neck Surgery Spring Meetings, Locarno, Switzerland May 2000
17. Moe KS. Resorbable Implants in Head and Neck Surgery. Swiss Society of Head and Neck Surgery Annual Meetings, Locarno, Switzerland May 2000
18. Moe KS. Browlifting and Forehead Rejuvenation. UCSD Lecture Series, June 2000
19. Moe KS. Advanced Techniques in Eyelid Rejuvenation. UCSD Lecture Series, June 2000
20. Moe KS. The Use of Polylactic Acid in Skull Base Reconstruction. Symposium on Resorbable Devices in Craniomaxillofacial Surgery: New Techniques in Bone Fixation, Protection and Distraction. La Jolla, August 2000

21. Moe KS. Resorbable Materials in Facial Plastic and Reconstructive Surgery. European Academy of Facial Plastic and Reconstructive Surgery Fall Meeting, Aristotelian University of Thessaloniki, September 2000
22. Moe KS. Diagnosis and Treatment of Upper and Lower Eyelid Malposition. University of California, Irvine, Facial Plastic Surgery Conference, October 2000
23. Moe KS. Update on Bell's Palsy. Otolaryngology Update 2,000, San Francisco, October 2000 (Published in Audio-Digest Otolaryngology Vol 34, Issue 02, 1.01)
24. Moe KS. Anterior Craniofacial Approaches to Skull Base Pathology. University of California, San Francisco, Grand Rounds October 2000
25. Moe KS. Functional and Cosmetic Restoration After Skull Base Surgery. Grand Rounds, University of California, San Francisco, October 2000
26. Moe KS. A Management Plan for the Bad Outcome in Bell's Palsy. UCSD Grand Rounds, December 2000
27. Moe KS. Current Techniques in Eyelid Reconstruction. Curso Internacional, Guadalajara, February 2001
28. Moe KS. Reconstruction of the Skull Base. Advanced Head and Neck Surgery Course, University of Zurich. Zurich, February 2001
29. Moe KS. Achievements and Challenges in Facial Paralysis. University of Washington, Seattle, March 2001
30. Moe KS. Comprehensive Treatment of Maxillofacial Fractures. Grand Rounds, University of California, San Diego, October 2001
31. Moe KS. Evaluation and Treatment of Mandible Fractures. University of California, San Diego, October 2001
32. Moe KS. Craniofacial Reconstruction: A Cadaver Course. University of California, San Diego, October 2001
33. Moe KS. The Precaruncular Approach to the Medial Orbit. AAFPRS Spring Meeting, New York, May 2002
34. Kim D, Moe KS. Analysis of Eyelid Malposition: A Literature Review and New Photographic Protocol. AAFPRS Spring Meeting, New York, May 2002
35. Moe KS. Current Management of Facial Paralysis. The Bohnum Centre, Ekaterinburg, Russia, October 2002
36. Moe KS. Advances and Techniques in Skull Base Surgery, The Bohnum Centre, Ekaterinburg, Russia, October 2002

37. Moe KS, Linder T, Fisch U. The Fisch Facial Nerve Grading System. First Annual Meeting of the Bell's Palsy Research Foundation, Las Vegas, March 2003
38. Moe KS. Research in the Management of Eyelid Paralysis. First Annual Meeting of the Bell's Palsy Research Foundation, Las Vegas, March 2003
39. Moe KS. Craniofacial Approaches in Cranial Base Surgery. The Johns Hopkins University, Baltimore, March 2003
40. Moe KS. The Lower Eyelid as the Primary Cause of Morbidity in Facial Paralysis. The Johns Hopkins University, Baltimore, March 2003
41. Moe KS. Advances in Cranial Base Surgery. The University of California, Irvine. May 2003
42. Nguyen Q, Moe KS. Facial Nerve Repair Using Cyanoacrylate Adhesive in GFP- transgenic Mice. AAFPRS Fall Meeting, Orlando September 2003
43. Kao CH, Moe KS. Precaruncular Medial Canthopexy. The Triological Society Annual Meeting, Combined Otolaryngological Spring Meetings Phoenix, April 2004
44. Moe KS. Advances in orbital surgery. The Bohnum Centre, Ekaterinburg, Russia, May 2004
45. Moe KS. Craniofacial access for tumor resection. The Bohnum Centre, Ekaterinburg, Russia, May 2004
46. Moe, KS. Comprehensive Management of the Lower Eyelid in Facial Paralysis. Royal College of Surgeons, London, England, May 2004
47. Moe KS. Secondary correction of traumatic orbit deformity. Conference: Interdisciplinary Problem Solving in Cranio-Maxillofacial Surgery. Los Angeles, September 2004
48. Byrne P, Moe KS. Facial reanimation by transoral in-line temporalis transposition. AAFPRS Fall Meeting, New York, September 2004
49. Moe KS. Advances in the Management of Paralytic Eyelid Malposition. A 1 hour course (#4504-1), AAO-HNSF annual meeting, New York, September 2004
50. Moe KS. Visiting Professorship: A lecture series with surgical demonstrations on skull base surgery and facial reanimation. Taiwan Military Medical University (Tri-Service Military Hospital), Taipei, ROC, October 2004
51. Moe, KS. Oculoplastic and complex facial reconstruction; Rehabilitation of the paralyzed face. Department of Otolaryngology-Head and Neck Surgery, University of Munich, June 2005 (Included cadaver and live surgical demonstrations and live laser demonstration)
52. Moe KS. Surgical techniques for musculocutaneous management of the upper third of the face. Hirslanden Klinik Kurs für Plastische und Wiederherstellung Chirurgie des Gesichts. Zuerich, August 2005 (Included cadaver course demonstrations)

53. Moe KS. Transorbital Skull Base Surgery. University of Washington, May 2005
54. Moe KS, Byrne P. State of the art management of facial paralysis. Instruction course, AAO-HNS annual meeting, Los Angeles September 2005
55. Moe KS. Advances in the management of eyelid malposition. Instruction course, #3631-1, AAO-HNS annual meeting, Los Angeles September 2005
56. Cook T, Kriet D, Wax M, Park S, and Moe KS. Facial paralysis seminar. AAO-HNS annual meeting, Los Angeles September 2005
57. Moe KS. Introduction to blepharoplasty. UCSF facial plastic surgery course, San Francisco April 2006
58. Stern R, Moe KS. Minimally invasive orbitotomy: the lateral retrocanthal approach. Alumni Day, University of Washington, June 2006
59. Moe KS. "My approach to face lifting". Facial Plastic and Reconstructive Surgery Course (OtoRhino 2006) Department of Otolaryngology-Head and Neck Surgery, University of Munich, July 2006
60. Moe KS. Rehabilitation of the paralyzed face. Lecture and live surgeries. Facial Plastic and Reconstructive Surgery Course (OtoRhino 2006) Department of Otolaryngology-Head and Neck Surgery, University of Munich, July 2006
61. Moe KS. Rehabilitation of the paralyzed eye lid. Lecture and live surgeries. Facial Plastic and Reconstructive Surgery Course (OtoRhino 2006) Department of Otolaryngology-Head and Neck Surgery, University of Munich, July 2006
62. Moe KS. Laser surgery in nasal reconstruction. Facial Plastic and Reconstructive Surgery Course (OtoRhino 2006) Department of Otolaryngology-Head and Neck Surgery, University of Munich, July 2006
63. Moe KS. Laser resurfacing in cosmetic surgery. Facial Plastic and Reconstructive Surgery Course (OtoRhino 2006) Department of Otolaryngology-Head and Neck Surgery, University of Munich, July 2006
64. Moe KS. Management of acute facial nerve injury. University of Washington resident lecture series, August 2006
65. Wax M, Kim J, Moe KS. Rehabilitation of the paralyzed face. A one hour course, American Academy of Facial Plastic and Reconstructive Surgery Meetings, Toronto, September 2006
66. Moe KS, Byrne P. Advances in reanimation of the paralyzed face. A one hour course #1627-1, American Academy of Otolaryngology-Head and Neck Surgery Meetings, Toronto, September 2006
67. Moe KS. Options in the management of facial paralysis. Guest of the President, Spanish Society of Otolaryngology-Head and Neck Surgery Meetings, Granada, October 2006

68. Moe KS. The eyelids in facial paralysis: Personal perspectives. Guest of the President, German Society of Otolaryngology-Head and Neck Surgery Meetings, Munich, May 2007
69. Moe KS. Technical options in face lifting. Facial Plastic and Reconstructive Surgery Course Department of Otolaryngology-Head and Neck Surgery, University of Munich, May 2007
70. Moe KS. Rehabilitation of the paralyzed face. Lecture and live surgeries. Facial Plastic and Reconstructive Surgery Course (OtoRhino 2006) Department of Otolaryngology-Head and Neck Surgery, University of Munich, May 2007
71. Moe KS. Rehabilitation of the paralyzed eye lid. Lecture and live surgeries. Facial Plastic and Reconstructive Surgery Course (OtoRhino 2006) Department of Otolaryngology-Head and Neck Surgery, University of Munich, May 2007
72. Moe KS. Nasal reconstruction. Facial Plastic and Reconstructive Surgery Course, Department of Otolaryngology-Head and Neck Surgery, University of Munich, May 2007
73. Moe KS. Laser resurfacing in cosmetic surgery. Facial Plastic and Reconstructive Surgery Course (OtoRhino 2006) Department of Otolaryngology-Head and Neck Surgery, University of Munich, May 2007
74. Lee GS. Minimally invasive hybrid tracheotomy. Alumni Day, University of Washington, June 2007
75. Moe, KS. Endoscopic orbital and transorbital-intracranial surgery. Invited lecture, Pacific Coast Otolaryngology-Ophthalmology Society, O'ahu, HA, June 2007
76. Moe KS. Perspectives on orbital trauma. Panel, Pacific Coast Otolaryngology-Ophthalmology Society, O'ahu, HA, June 2007
77. Moe KS. Endoscopic thyroid surgery. Panel, Pacific Coast Otolaryngology-Ophthalmology Society, O'ahu, HA, June 2007
78. Moe KS. Principles in the treatment of facial paralysis. Panel, Pacific Coast Otolaryngology-Ophthalmology Society, O'ahu, HA, June 2007
79. Moe KS, Byrne PJ, Kriet D, Sherris D. State of the Art Techniques in the Treatment of Facial Paralysis. (A two hour invited course). American Academy of Facial Plastic and Reconstructive Surgery Annual Meeting, Washington, September 2007.
80. Close A, Moe KS. Stem Cells in Facial Nerve Repair. American Academy of Facial Plastic and Reconstructive Surgery Annual Meeting, Washington, September 2007
81. Moe KS. Transorbital skull base surgery . Grand Rounds, Department of Neurological Surgery, University of Washington, November 2007
82. Moe, KS. Facial Plastic Surgery: An Overview. University of Washington Departmental Lecture, March 2008
83. Moe, KS. Eyelid and periorbital surgery. University of Washington Departmental Lecture,

April 2008

84. Moe, KS. Transorbital neuroendoscopic surgery of the skull base. University of Washington Otolaryngology – Head and Neck Surgery Departmental Lecture, April 2008
85. Moe, KS. Endoscopic techniques in forehead rhytidectomy. University of Zurich, June 2008.
86. Moe, KS. Advanced techniques in facial and cervical rhytidectomy. University of Zurich, June 2008.
87. Moe, KS. Endoscopic skull base surgery: The transorbital approach. University of Zurich, June 2008.
88. Moe, KS. Update on Craniofacial Trauma Reconstruction. Trauma Conference, Dept. of Surgery, University of Washington, October 2008.
89. Moe, KS. Transorbital Skull Base Surgery: The Eye in the Storm. Seattle Surgical Society, October 2008.
90. Moe, KS. Surgical anatomy of the orbit. Italian Society of Facial Plastic Surgery Annual Meeting, Livorno, Italy, November 2008.
91. Moe KS. Surgical treatment of orbital and periorbital tumors. Italian Society of Facial Plastic Surgery Annual Meeting, Livorno, Italy, November 2008.
92. Moe KS. Management of complex orbital trauma. Italian Society of Facial Plastic Surgery Annual Meeting, Livorno, Italy, November 2008.
93. Moe KS. Rehabilitation of paralysis of the eye lids and forehead. Italian Society of Facial Plastic Surgery Annual Meeting, Livorno, Italy, November 2008.
94. Moe KS. Optimizing outcomes in esthetic eye lid surgery. Italian Society of Facial Plastic Surgery Annual Meeting, Livorno, Italy, November 2008.
95. Moe KS. Transorbital Neuroendoscopic Surgery. Northwest Academy of Otolaryngology. January, 2009.
96. Moe KS. The evolution of anterior skull base surgery. University of California “Otolaryngology Update”, Honolulu, February 2009.
97. Moe KS Structural considerations in periorbital surgery. University of California “Otolaryngology Update”, Honolulu, February 2009.
98. Moe KS. Endoscopic approaches to the anterior and middle cranial fossae. University of Regensburg Course on Facial Plastic and Reconstructive Surgery, April 2009.
99. Moe KS. Techniques in eyelid reconstruction. University of Regensburg Course on Facial Plastic and Reconstructive Surgery, Regensburg, Germany, April 2009.
100. Moe KS. Structural analysis in blepharoplasty. University of Regensburg Course on Facial

- Plastic and Reconstructive Surgery, Regensburg, Germany, April 2009.
101. Moe KS. Facial paralysis: an analysis and treatment algorithm. University of Regensburg Course on Facial Plastic and Reconstructive Surgery, Regensburg, Germany, April 2009.
 102. Moe KS. Taking endoscopic surgery beyond the nose: transorbital neuroendoscopic surgery. The University of Zurich Sinus Surgery Course, Zurich, Switzerland, June 2009
 103. Moe KS. Blepharoplasty: avoiding complications. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2009
 104. Moe KS. Endoscopic and open techniques in brow lifting. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2009
 105. Moe KS. Endoscopic and open techniques in face lifting. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2009
 106. Moe, KS. Management of craniofacial fractures. University of Washington Department of Otolaryngology, July 2009
 107. Moe KS. Surgical approaches to midface trauma. Craniomaxillofacial Trauma Course, Seattle, September 2009.
 108. Moe KS. Management of anterior cranial base trauma. Craniomaxillofacial Trauma Course, Seattle, September 2009.
 109. Moe KS. Endoscopic repair of orbital and cranial base trauma. AAO-HNSF Annual Meeting, San Diego, October 2009
 110. Moe KS, Ramanathan D, Kim LJ, Sekhar L. The transorbital endoscopic superior lid crease approach: An alternative to supraorbital craniotomy. North American Skull Base Society Annual Meeting, New Orleans, October 2009
 111. Moe KS, Freeman MS. A regional approach to periorbital rejuvenation. Tenth International Symposium of the American Academy of Facial Plastic and Reconstructive Surgery, Hollywood, FL, 4.29.10 (1 hour focused-learning course).
 112. Moe KS, Byrne P, Hadlock T. Facial paralysis: Management in the 21st Century. Tenth International Symposium of the American Academy of Facial Plastic and Reconstructive Surgery, Hollywood, FL, 4.29.10 (1 hour focused-learning course).
 113. Moe KS. Transorbital neuroendoscopic surgery: Advanced applications. University of Regensburg Course on Facial Plastic and Reconstructive Surgery, June 2010.
 114. Moe KS. Eyelid reconstruction. University of Regensburg Course on Facial Plastic and Reconstructive Surgery, Regensburg, Germany, June 2010.
 115. Moe KS. Upper blepharoplasty. University of Regensburg Course on Facial Plastic and Reconstructive Surgery, Regensburg, Germany, June 2010.

116. Moe KS. Facial paralysis: an analysis and treatment algorithm. University of Regensburg Course on Facial Plastic and Reconstructive Surgery, Regensburg, Germany, June 2010.
117. Moe KS. Endoscopic browlift: A cadaveric dissection and demonstration. University of Regensburg Course on Facial Plastic and Reconstructive Surgery, Regensburg, Germany, June 2010.
118. Moe KS. Transorbital sinus and neuroendoscopic surgery. The University of Zurich Sinus Surgery Course, Zurich, Switzerland, June 2010
119. Moe KS. Blepharoplasty: avoiding complications. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2010
120. Moe KS. Techniques in brow lifting. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2010
121. Moe KS. Endoscopic and open techniques in face lifting. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2010
122. Moe KS. Transorbital neuroendoscopic surgery: minimally disruptive skull base surgery in children. 97th Spring Assembly of the Swiss Society of Otolaryngology – Head and Neck Surgery, Zurich, Switzerland, June 2010
123. Moe KS. Esthetic Blepharoplasty. 23rd Congress of the European Rhinological Society, Geneva, June 2010.
124. Moe KS. Eye lid reconstruction. 23rd Congress of the European Rhinological Society, Geneva, June 2010.
125. Moe KS. The transorbital neuroendoscopic approaches to the skull base. 23rd Congress of the European Rhinological Society, Geneva, June 2010.
126. Moe Ks, Bergeron CM, Gassner H. Advances in orbital trauma surgery: Transorbital endoscopy and computer-aided reconstruction. 1 hour instructional course, AAFPRS Meeting, Boston, September 2010. Fall
127. Gassner H, Larrabee W, Moe KS. Surgical anatomy: Keys to improving your facelift results. 1 hour instructional course, AAFPRS Fall Meeting, Boston, September 2010.
128. Byrne P, Moe KS, Hadlock T. Facial reanimation: Contemporary management. 1 hour instructional course, AAFPRS Fall Meeting, Boston, September 2010.
129. Balakrishnan K, Moe KS. Outcomes in orbital and transorbital endoscopic surgery. AAO-HNSF Fall Meeting, Boston, September 2010.
130. Moe KS, Byrne P, Hadlock T. Advances in the treatment of facial paralysis. 2 hour instructional course, AAO-HNSF Fall Meeting, Boston, September 2010.
131. Moe KS. Advances in orbital and transorbital endoscopic surgery. Northwest academy of Otolaryngology Annual Meeting, Seattle, January 2011.

132. Moe KS. Surgical correction of medial and lateral canthal dystopia. AAFPRS Foundation course, *Rejuvenation of the Aging Face*, San Diego, January 2011.
133. Moe KS. Transorbital neuroendoscopic surgery. Harborview Medical Center Staff Update, Seattle, January 2011.
134. Moe KS. Facial Paralysis: Analysis and Intervention. UW Oto-HNS Resident Lecture Series, Seattle, June 2011.
135. Moe KS. Blepharoplasty: Techniques and Pearls. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2011
136. Moe KS. Rejuvenation of the upper face. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2011
137. Moe KS. Face lift and adjuvant therapies. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2011
138. Moe KS. Skull Base Surgery: Evolution and Outlook. Seattle Neurological Surgery Skull Base Course, Seattle, August 2011.
139. Moe KS. Endoscopic repair of cerebrospinal fluid leaks. Seattle Sinus Surgery Course, Seattle, August 2011
140. Moe KS. Transorbital endoscopic surgery of the sinuses and skull base. Seattle Sinus Surgery Course, Seattle, August 2011
141. Moe KS. Transorbital neuroendoscopic surgery: Our experience to date. Pan-Asia Society of Facial Plastic Surgery Annual Meeting. Taiwan, October 2011
142. Moe KS. Trends in periorbital surgery. Pan-Asia Society of Facial Plastic Surgery Annual Meeting. Taiwan, October 2011
143. Moe KS. Advanced techniques in face and forehead lifting. Pan-Asia Society of Facial Plastic Surgery Annual Meeting. Taiwan, October 2011
144. Moe KS. Advances in the treatment of paralyzed eye lids. Pan-Asia Society of Facial Plastic Surgery Annual Meeting. Taiwan, October 2011
145. Moe KS. Multiportal neuroendoscopic surgery. Seattle Otology and Rhinology Course. Seattle, October 2011.
146. Moe KS. Treatment options for naso-orbito-ethmoid fractures. AO Craniomaxillofacial Course. San Diego, December 2011.
147. Moe KS. Current treatment of orbital fractures. University of Washington Annual Facial Plastic Surgery Course, December 2011.
148. Moe KS. Management of facial paralysis. University of Washington Annual Facial Plastic

- Surgery Course, December 2011.
149. Moe KS. Current concepts in the treatment of cerebrospinal fluid leaks. University of Washington Annual Sinus Surgery Course, December 2011.
 150. Moe KS. Reconstruction of orbital fractures. UW Leslie Watson Annual Facial Plastic Surgery Course, December 2011
 151. Moe KS. Facial paralysis: Long term management. UW Leslie Watson Annual Facial Plastic Surgery Course, December 2011
 152. Bly R, Moe KS. Computer-modeled multiportal approaches to the skull base. North American Skull Base Society Annual Meeting, Las Vegas, February 2012
 153. Moe KS. Forehead and brow lift. UW Facial Plastic Surgery Resident Lecture Series March, 2012
 154. Moe KS. Transorbital neuroendoscopic surgery – principles and techniques. IC 108, 1 hour lecture and dissection course. World Federation of Endoscopic Neurological and Skull Base Surgery Meeting, Vienna 3.31.2012
 155. Moe KS. Computerized pathway planning and virtual endoscopy for endoscopic skull base surgery. ALL 01. World Federation of Endoscopic Neurological and Skull Base Surgery Meeting, Vienna 3.31.2012
 156. Moe KS. Endoscopic approaches to the orbit. IL 140. World Federation of Endoscopic Neurological and Skull Base Surgery Meeting, Vienna 3.31.2012
 157. Moe KS. Advances in Imaging: Panel moderator. World Federation of Endoscopic Neurological and Skull Base Surgery Meeting, Vienna 3.31.2012
 158. Moe KS. Transorbital neuroendoscopic surgery. IL 201. World Federation of Endoscopic Neurological and Skull Base Surgery Meeting, Vienna 4.1.2012
 159. Moe KS. Multiportal skull base surgery. IL 224. World Federation of Endoscopic Neurological and Skull Base Surgery Meeting, Vienna 4.1.2012
 160. Moe Ks. Endoscopic corridors. Session chair. World Federation of Endoscopic Neurological and Skull Base Surgery Meeting, Vienna 4.1.2012
 161. Moe KS. Surgery of the external nasal valve. Northwest Academy of Otolaryngology, Seattle 5.2012
 162. Moe KS. Blepharoplasty: Techniques and Pearls. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2012
 163. Moe KS. Rejuvenation of the upper face. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2012
 164. Moe KS. Face lift and adjuvant therapies. The University of Zurich Facial Plastic Surgery

Course, Zurich, Switzerland, June 2012

165. Moe KS, Ferreira M. Technology and Techniques: Changing the Game in Skull Base Surgery. Virginia Mason Sinus and Skull Base Surgery Course. Seattle, 8.2012
166. Moe KS. Introduction to endoscopic skull base surgery. UW Sinus Surgery Course, Seattle 11.2012
167. Moe KS. Treatment of advanced orbital fractures. UW Leslie Watson Annual Facial Plastic Surgery Course, Seattle, 11.2012
168. Moe KS. Surgical approaches to anterior cranial base pathology. UW Neurosurgery Resident Skull Base Course, Seattle, 12.2012
169. Moe KS. Blepharoplasty: Techniques and Pearls. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2013
170. Moe KS. Rejuvenation of the upper face. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2013
171. Moe KS. Face lift and adjuvant therapies. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2013
172. Moe KS. Advances in orbital reconstruction. One hour instruction course, AAO-HNSF Fall Meeting, Vancouver, September 2013
173. Moe KS. Approach analysis and development in skull base surgery. North Shore LIJ Endoscopic Sinus Surgery Course, Long Island, October 2013
174. Moe KS. Orbital and Transorbital endoscopic approaches for the treatment of sinonasal pathology. North Shore LIJ Endoscopic Sinus Surgery Course, Long Island, October 2013
175. Moe, KS. Transorbital skull base surgery. University of Pittsburgh skull base surgery course, Pittsburgh, November, 2013
176. Moe KS. Facial paralysis: Surgical management of the eyelids. UW Leslie Watson Annual Facial Plastic Surgery Course, November, 2013
177. Moe KS. Treatment of paralyzed eyelids. UW Facial Plastic Surgery Course, Seattle, 12.2013
178. Moe KS. Multiportal endoscopic skull base surgery. UW Sinus Surgery Course, Seattle 12.2013.
179. Moe KS. Introduction to craniofacial trauma. UW Biennial Facial Plastic Surgery Resident Course. Seattle, 2.2014
180. Moe KS. Endoscopic management of CSF leaks. UW Biennial Facial Plastic Surgery Resident Course. Seattle, 2.2014
181. Moe KS. Management of symphyseal and parasymphyseal mandible fractures. AO Principles

- of operative treatment of craniofacial trauma and reconstruction, Seattle, 4.2014
182. Moe KS. Midface anatomy, biomechanics, and surgical approaches. AO Principles of operative treatment of craniofacial trauma and reconstruction, Seattle, 4.2014
 183. Moe KS. Moderator: Midface fractures. AO Principles of operative treatment of craniofacial trauma and reconstruction, Seattle, 4.2014
 184. Moe KS. Endoscopic brow lift. Sixth World Federation of Endoscopic Neurological and Skull Base Surgery Meeting, Milano 4.2014
 185. Moe KS. Transorbital neuroendoscopic surgery – principles and techniques: 1 hour lecture and dissection course. Sixth World Federation of Endoscopic Neurological and Skull Base Surgery Meeting, Milano 4.2014
 186. Moe KS. Transorbital Neuroendoscopic surgery panel moderator (Sellari, Carrau, AlQhatani, Naraghi). Sixth World Federation of Endoscopic Neurological and Skull Base Surgery Meeting, Milano 4.2014
 187. Moe KS, Snyderman C. An endoscopic pathway protector. Sixth World Federation of Endoscopic Neurological and Skull Base Surgery Meeting, Milano 4.2014
 188. Moe KS. Surgical Science: Development in Techniques and Technologies. University of Washington Otolaryngology Graduation Symposium, 6.2014
 189. Moe KS. Blepharoplasty: Techniques and Pearls. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2014
 190. Moe KS. Rejuvenation of the upper face. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2014
 191. Moe KS. Face lift and adjuvant therapies. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2014
 193. Moe KS. Multiportal skull base surgery. The University of Pittsburgh Course on Intracranial Endoscopic Neurosurgery. Pittsburgh, August, 2014
 194. Moe KS. New developments: Preoperative computer planning and intraoperative computer guidance. American Society of Head & Neck Radiology. Seattle, September 2014
 195. Moe KS. Craniofacial approaches and beyond: Advances in skull base surgery. University of Washington Department of Neurological Surgery Skull Base Course. Seattle, October, 2014
 196. Moe KS. Advances in Craniofacial Reconstruction. Triologic, San Diego, January 2015
 197. Moe KS. Computer-Guided Treatment of Facial Fractures. Northwest Academy of Otolaryngology, Whistler, BC, January 2015
 198. Moe KS. Comprehensive Management of Facial Paralysis. Montana Society of Otolaryngology – Head & Neck Surgery. Big Sky, Montana, February, 2015

199. Moe KS. Advances in Skull Base Surgery. Montana Society of Otolaryngology – Head & Neck Surgery. Big Sky, Montana, February, 2015
200. Moe KS. Improving Outcomes in Craniofacial Trauma. Montana Society of Otolaryngology – Head & Neck Surgery. Big Sky, Montana, February, 2015
201. Moe KS. Complications in Endoscopic Sinus Surgery. SOAR, Seattle, March 2015.
202. Moe KS. Transorbital Skull Base Surgery. Invited lecture for Am. Society of Neuroradiology. Chicago, April 2015.
203. Moe KS. Introduction to Facial Trauma Surgery. UW Residents, Seattle, August 2015
204. Moe KS. Advanced Techniques in Orbital Reconstruction. Grand Rounds, Dept of Oral & Maxillofacial Surgery, University of Washington, Seattle, August 2015.
205. Moe KS. Management of Cerebrospinal Fluid Leaks. AO Neurotrauma Course, Bellevue, September 2015
206. Moe KS. Frontiers in orbital reconstruction. 1 hour instruction course. AAFPRS Annual Meeting, Dallas, October 2015
207. Moe KS. Rejuvenation of the upper face. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2015
208. Moe KS. Face lift and adjuvant therapies. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2015
209. Moe KS. Advances in Skull Base Surgery: Techniques and Technologies. Grand Rounds, New York Eye & Ear Infirmary and Mt. Sinai Hospitals. New York, February 2016.
210. Moe KS. Avoiding Complications in Skull Base and Sinus Surgery. Seattle Otology and Advanced Sinus Surgery Course. Seattle, March 2016.
211. Moe KS. A New Pathway Protection Device for Endoscopic Sinus and Skull Base Surgery. North American Society of Skull Base Surgery. Scottsdale, March 2016.
212. Moe KS. Transorbital Approaches to the Skull Base. North American Society of Skull Base Surgery. Scottsdale, March 2016.
213. Harbison RA, Moe KS. Dynamic Instrument Motion Analysis in Endoscopic Surgery. North American Society of Skull Base Surgery. Scottsdale, March 2016.
214. Moe KS. Lateral Transorbital Endoscopic Approach to Meckel's Cave and the Cavernous Sinus: A Cadaveric Demonstration. EndoChicago, Chicago, May 2016.
215. Moe KS. Demonstration Moderator: Endonasal Transorbital Approaches (Paolo Castelnuovo, Heinz Stammberger). A Cadaveric Demonstration. EndoChicago, Chicago, May 2016.

216. Moe KS. Transorbital Approaches: Panel Moderator. EndoChicago, Chicago, May 2016.
217. Moe KS. Orbital Approaches to the Skull Base: Decision Making. EndoChicago, Chicago, May 2016.
218. Moe KS. Approaches to Craniofacial Trauma. UW Resident Facial Plastics Lecture Series. June, 2016
219. Moe KS. Advances in Orbital Reconstruction. 6th Annual Northwest Head & Neck Surgery Course. Seattle, July 2016.
220. Moe KS. Rejuvenation of the upper face. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2016
221. Moe KS. Face lift and adjuvant therapies. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2016
222. Moe KS. Transorbital and Multiportal Endoscopic Skull Base Surgery. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2016
223. Moe KS. Advanced techniques in endoscopic sinus and skull base surgery. UW Resident Sinus and Skull Base Course. November, 2016
224. Moe KS. Orbital reconstruction. University of Washington Facial Plastic Surgery Course, November, 2016.
225. Moe KS. Skull base surgery: open and endoscopic approaches. UW Resident didactic series, January 2017.
226. Moe KS. Computer guidance and planning in facial plastic surgery. Northwest Academy of Otolaryngology Annual Meeting, Whistler BC, January 2017.
227. Moe KS. My worst complications in facial plastic surgery. Panel discussion, Northwest Academy of Otolaryngology Annual Meeting, Whistler BC, January 2017.
228. Moe KS. Transorbital approaches to the skull base. North American Skull Base Society Premeeting Dissection Course, New Orleans, March 2017
228. Li Y, Bly RA, Moe KS. Atlas Based Anatomical Region Segmentation for Skull Base Surgery Objective Motion Analysis. North American Skull Base Society, New Orleans, March 2017
229. Moe KS. Transorbital Neuroendoscopic Surgery: An Overview. North American Skull Base Society, New Orleans, March 2017
230. Moe KS. Endoscopic Transorbital Treatment of Bilateral Massive Intracranial Mucoceles. Video presentation, North American Skull Base Society, New Orleans, March 2017

231. Moe KS. Endoscopic Transorbital Surgery: An International Panel. North American Skull Base Society, New Orleans, March 2017
232. Moe KS. Techniques and technology: critical collaboration of the surgeon and engineer. UW senior mechanical engineering ME 495 Capstone seminar. Seattle, March 2017
233. Moe KS. Complications in Endoscopic Sinus Surgery. Soar Course Seattle, March 2017
234. Hahn E, Moe KS. Computer Navigation-Guided Rhinoplasty: Opening the Black Box. COSM San Diego, April 2017
235. Moe KS. Rejuvenation of the upper face. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2017
236. Moe KS. Face lift and adjuvant therapies. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2017
237. Moe KS. Transorbital and Multiportal Endoscopic Skull Base Surgery. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2017
238. Moe KS. Transorbital Endoscopic Skull Base Surgery. North American Skull Base Society Summer Course, New Orleans, July 2017
239. Moe KS. Alternative Approaches in Endoscopic Skull Base Surgery. University of Zurich Department of Otolaryngology's 100th Anniversary Symposium, Zurich, August 2017.
240. Moe KS. Navigation Guidance: Is There a Role in Facial Plastic Surgery? University of Zurich Department of Otolaryngology's 100th Anniversary Symposium, Zurich, August 2017.
241. Moe KS. Pediatric Craniofacial Trauma. Children's Hospital Seattle, October 2017
242. Moe KS. Restoration of the central face in facial paralysis. Moe KS. University of Washington Facial Plastic Surgery Course, November, 2017.
243. Moe KS. Computer-Guidance in Rhinoplasty. University of Washington Facial Plastic Surgery Course, November, 2017.
244. Moe KS. Multiportal Skull Base Surgery. University of Washington Sinus Surgery Course, November, 2017.
245. Moe KS. Avoiding Surgical Errors: Learning from Experience. Northwest Academy of Otolaryngology Annual Meeting, Whistler BC, January 2018.
246. Moe KS. The Orbit in Endoscopic Skull Base Surgery. North American Skull Base Society Pre-Meeting Instruction Course, San Diego February 2018
247. Akkina S, Moe KS. Mirror-Image Overlay Navigation in Skull Base Reconstruction. North American Skull Base Society Annual Meeting, San Diego February 2018

248. Sen R, Moe KS et al. Contralateral Transmaxillary Corridor to the Petrous Apex: Surgical Planning and Pathway Analytics. North American Skull Base Society Annual Meeting, San Diego, February 2018
249. Moe KS et al. Transorbital Endoscopic Surgery: A 360 Degree Approach. Discussion panel, North American Skull Base Society Annual Meeting, San Diego, February 2018
250. Moe KS. Transorbital Endoscopic Surgery: Where Are We Today? North American Skull Base Society Annual Meeting, San Diego, February 2018
251. Moe KS. Endoscopic Surgery of the Orbit and Adjacent Regions. Cadaver dissection demonstration. North American Skull Base Society Annual Meeting, San Diego February 2018
252. Moe KS. Techniques in Transorbital Endoscopic Skull Base Surgery. Cadaver demonstration, North American Skull Base Society Pre-Meeting Instruction Course, San Diego February 2018
253. Humphreys I, Moe KS. Surgical Skill Analytics in Endoscopic Skull Base Surgery. North American Skull Base Society Annual Meeting, San Diego, February 2018
254. Moe KS. Multichannel Flexible Endoscopic Surgery. Capstone Project, UW Mechanical Engineering Graduate Course. Seattle, February 2018
255. Moe KS. Complications in Endoscopic Sinus Surgery. Soar Course Seattle, March 2018
256. Moe KS. Transorbital Endoscopic Surgery: Context, Theory & Applications. (2.5 hr series of lectures) Visiting Professor, University of British Columbia, Vancouver, Canada, April 2018
257. Moe KS. Transorbital Endoscopic Surgery: Surgical Demonstrations (Cadaver). Visiting Professor, University of British Columbia, Vancouver, Canada, April 2018
258. Moe KS. Rejuvenation of the upper face. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2018
259. Moe KS. Face lift and adjuvant therapies. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2018
260. Moe KS. Navigating the Complex Rhinoplasty. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2018
261. Moe KS. Transorbital and Multiportal Endoscopic Skull Base Surgery. The University of Zurich Facial Plastic Surgery Course, Zurich, Switzerland, June 2018
262. Moe KS. Transorbital Endoscopic Surgery: An Overview. Visiting Professor, Departments of Neurosurgery, Otolaryngology and Maxillofacial Surgery. University of Wales, Cardiff, Wales, October 2018
263. Moe KS. Transoral and Transmaxillary Skull Base Surgery. Visiting Professor, Departments of Neurosurgery, Otolaryngology and Maxillofacial Surgery. University of Wales, Cardiff,

Wales, October 2018

264. Moe KS. New Approaches in Endoscopic Skull Base Surgery: A Cadaver Demonstration. Visiting Professor, Departments of Neurosurgery, Otolaryngology and Maxillofacial Surgery. University of Wales, Cardiff, Wales, October 2018
265. Moe KS. Innovations in Navigation-Guided Surgery. Visiting Professor, Departments of Neurosurgery, Otolaryngology and Maxillofacial Surgery. University of Wales, Cardiff, Wales, October 2018
266. Moe KS. Pediatric Skull Base Surgery. Northwest Academy of Otolaryngology Annual Meeting, Whistler BC, January 2019.
267. Moe KS. Navigation-Guided Rhinoplasty. Northwest Academy of Otolaryngology Annual Meeting, Whistler BC, January 2019.
268. Moe KS. Facial Plastic Surgery: When Not to Operate. Presentation and Panel Discussion. Northwest Academy of Otolaryngology Annual Meeting, Whistler BC, January 2019.
269. Moe KS. Transorbital Neuroendoscopic Surgery: Evolution & Future. Pacific Rim Masters Class in Endoscopic Skull Base Surgery. Pacific Neuroscience Institute. Santa Monica, February, 2019
270. Moe KS. Multiportal Endoscopic Surgery: Context, Theory & Applications Pacific Rim Masters Class in Endoscopic Skull Base Surgery. Pacific Neuroscience Institute. Santa Monica, February, 2019
271. Moe KS. Transorbital Endoscopic Surgery: Surgical Demonstrations (Cadaver). Pacific Rim Masters Class in Endoscopic Skull Base Surgery. Pacific Neuroscience Institute. Santa Monica, February, 2019
272. Moe KS. Reconstruction after Endoscopic Orbital Surgery. North American Skull Base Society, Orlando, February 2019
273. Moe KS. Techniques in Transorbital Endoscopic Skull Base Surgery. Cadaver demonstration, North American Skull Base Society, Orlando, February 2019
274. Moe KS Moderator, PP22: Proffered Papers in Oncology of the Orbit, Head & Neck. North American Skull Base Society, Orlando, February 2019
275. Moe KS. Complications in Endoscopic Sinus Surgery. Soar Course Seattle, March 2019
276. Moe KS. Transorbital Neuroendoscopic Surgery: Applications and Theory. Columbia Endoscopic Orbit Course, Online, June 2020
277. Moe KS. Transorbital Neuroendoscopic Surgery. Columbia Endoscopic Orbit Course, Online, June 2021
278. Moe KS. Endoscopic Transorbital Approaches to the Skull Base and Brain. Keynote Address, Australian Society of Otolaryngology-Head & Neck Surgery Annual Scientific Meeting, September 2021, Melbourne.

279. Moe KS. Endoscopic New Endoscopic Techniques in Craniofacial and Skull Base Surgery. Keynote address, Australian Society of Otolaryngology-Head & Neck Surgery Annual Scientific Meeting, September 2021, Melbourne.
280. Moe KS. Transorbital Neuroendoscopic Surgery of the Brain and Skull Base: . 1st Annual International Meeting on Transorbital Neuroendoscopic Surgery, Barcelona, November 2021.
281. Moe KS. Transorbital Approaches to the Periorbital Region and Brain. Keynote address, Annual Meeting of the American Society of Ophthalmic Plastic and Reconstructive Surgery, New Orleans, November 2021.
282. Moe KS. Advances in Orbital Reconstruction. Keynote address, Annual Meeting of the American Society of Ophthalmic Plastic and Reconstructive Surgery, New Orleans, November 2021.
283. Moe KS. Novel Endoscopic Approaches in Sinus and Skull Base Surgery. University of Washington Rhinology Course. Seattle, November 2021.
284. Moe KS, Schwartz T. Transorbital Approaches to the Skull Base and Brain: A Hands-On Course (lectures and cadaver). Guest Professor, Washington University Dept. of Neurological Surgery. St. Louis, December 2021.
285. Moe KS. Transorbital Skull Base Surgery. North American Skull Base Society Virtual Surgery Workshop. December 2021
286. Moe KS. Transorbital Repair of CSF Leaks. Video Presentation. North American Skull Base Society, Phoenix, February 2022
287. Moe KS. Orbital Reconstruction in Skull Base Surgery. North American Skull Base Society, Phoenix, February 2022
287. Moe KS. Expanding the Transorbital Vectors – Transorbital Neuroendoscopic Surgery. Video presentation, Schola Anatomica Salernitana. Salerno, March 2022.
288. Moe KS. Tansorbital Approaches to the Skull Base. Video presentation, McMaster Day in Pituitary, McMaster University. Hamilton, Ontario April 2022.
289. Moe KS. Endoscopic Orbit Reconstruction. Columbia Virtual Orbit Surgery. New York, May 2022
290. Moe KS. Novel Approaches in Endoscopic Craniofacial Surgery. Rhinofest '22. Zurich, May 2022
291. Moe KS. Transorbital Neuroendoscopic Surgery. Deutsche Gesellschaft für Hals-Nasen-Ohren-Heilkunde, Kopf- und Hals-Chirurgie E.V. (German Academy of Otolaryngology) Annual Meeting. Hannover, May 2022

292. Moe KS. Transorbital Endoscopic Approaches: How and Why. Delivered at: Moe KS, Schwartz T (Co-directors). Transorbital Skull Base and Brain Surgery: A Hands-On Course. (Two day lecture and cadaver course. Cornell Medical School). New York, June, 2022.
293. Moe KS. Skull Base Reconstruction in Endoscopic Skull Base Surgery. Delivered at: Moe KS, Schwartz T (Co-directors). Transorbital Skull Base and Brain Surgery: A Hands-On Course. (Two day lecture and cadaver course. Cornell Medical School). New York, June, 2022.
294. Moe KS. AO journal club: Presentation of “Factors associated with ocular injury in orbital fracture patients – who requires urgent ophthalmic evaluation?”. Zoom, August 4, 2022.
295. Moe KS. Complications in Transorbital Surgery. Skull Base and Pituitary Pathologies: 1st Münster Hands-On Course. Zoom, University of Münster. Münster, September, 2022
296. Moe KS. Orbital Surgery: What the Neurosurgeon Needs to Know. University of Miami Webinary “Updates in Skull Base Surgery”. February 23, 2023
297. Moe KS. Transorbital Neuroendoscopic Surgery for CSF Leak Repair. 6th Annual Columbia Endoscopic Otolaryngology Course. June 2, 2023.

ABSTRACTS AND POSTERS

1. Moe KS, Moe RE. Lobular Neoplasia of the Breast. Seattle Surgical Society, January 1989
2. Moe KS, Wolf GT, Fisher SG and the VA Laryngeal Cancer Study Group. Regional Metastases in Patients With Advanced Laryngeal Cancer. ASHNS, Palm Desert, May 1995
3. Moe KS, Schmid S, Fisch U. An Outcome Analysis of Surgical Resection of Far-Advanced Carcinoma of the Parotid Gland: Is Skull Base Surgery Justified? Joint Meeting ASHNS / SHNS, Palm Springs, May 1998
4. Thomas G, Greenberg J, Wu K, Moe KS et al. Planned Early Neck Dissection Prior to Radiation for Persistent Neck Nodes After Induction Chemotherapy. International Conference on Head and Neck Cancer, June 1996
5. Huguenin P, Taussky D, Moe KS, et al. A Comparison of Quality of Life After Small vs Large Volume Irradiation for Head and Neck Cancer. American Radium Society, Monte Carlo, Monaco, May 1998
6. Moe KS, Weisman RA. Resorbable Fixation in Facial Plastic and Head and Neck Surgery: An Initial Report on Polylactic Acid Implants. Western Section Triologic Meeting, La Costa, January 2001
7. Moe KS, Imola MJ, Schramm VL. An Outcome Study of Anterior Skull Base Tumor Resection and Reconstruction. Thirteenth Annual Meeting of the North American Skull Base

- Society, San Diego, February 2002. Skull Base 02:12(Suppl 1); 25
8. Kao CH, Moe KS. Retrograde Weight Implantation for Correction of Lagophthalmos. The 7th Asian-Oceanian International Congress on Skull Base Surgery, Taipei, Taiwan, April 2004
 9. Kao CH, Moe KS. Precaruncular Medial Canthopexy. Triologic Society, Phoenix, May 2004
 10. Kao CH, Moe KS. The Ectropion Grading System. AAFPRS annual meeting, New York, September 2004
 11. Jothi S, Moe KS. Lower eyelid splinting: an alternative to the Frost suture. AAO-HNSF annual meeting, Los Angeles, September 2005
 12. Kim T, Want S, Moe KS, Orloff LA. Full thickness skin graft from the groin for coverage of the radial forearm free flap donor site. Western Section Triological Society Meeting, San Diego, February 2006 (Winner 3rd prize poster section)
 13. Ciporen J, Moe KS, Sekhar L. Multiport endoscopic surgery of the skull base. Emory University skull base surgery symposium. May, 2009.
 14. Ciporen J, Moe KS, Sekhar L. A comparison study of endoscopic skull base surgical approaches. North American Skull Base Society, New Orleans, October 2009.
 15. Makowski R, Moe KS. Hybrid tracheotomy. . AAO-HNSF annual meeting, San Francisco, September 2011
 16. Lim J, Moe KS. Transorbital management of complications of sinusitis. NASBS annual meeting, Las Vegas, February 2012
 17. Bly R, Hannaford B, Ferreira M, Moe KS. A method of preoperative computerized surgical planning for minimally disruptive skull base surgery. NASBS annual meeting, Las Vegas, February 2012
 18. Randall A Bly, David Su, Thomas S Lendvay, Diana Friedman, Blake Hannaford, Manuel Ferreira, Kris S Moe. "Transorbital Robotic Skull Base Surgery: A Preclinical Study". Triological Society, Combined Sections Meeting, Miami, FL, Jan 26-28, 2012.
 19. Ferreira M, Moe KS, Desantis A, Failor RA. Endoscopic Transsphenoidal Surgery for the Treatment of Growth Hormone-Secreting Tumors Involving the Cavernous Sinus. Journal of Neurological Surgery Part B: Skull Base 73 (S 02), A124
 20. Bly R, Su D, Ferreira M, Moe KS. Computer Modeled Multiportal Approaches to the Skull Base. Journal of Neurological Surgery Part B: Skull Base 73 (S 01), A112
 21. Oxford R, Bly R, Kim L, Moe KS. Transorbital Neuroendoscopic Surgery of the Middle Cranial Fossa by Lateral Retrocanthal Approach. Journal of Neurological Surgery Part B: Skull Base 73 (S 01), A197

22. Lim JH, Sardesai M, Ferreira M, Moe KS. Transorbital Neuroendoscopic Management of Sinogenic Complications Involving the Frontal Sinus, Orbit and Anterior Cranial Fossa. *Journal of Neurological Surgery Part B: Skull Base* 73 (S 01), A194
23. Makowski RL, Moe KS. Hybrid Tracheostomy: A Safe, Effective Compromise. *Otolaryngology--Head and Neck Surgery* 2011; 145 (2 suppl), P168-P168
24. Moe KS. Transorbital Endoscopic Management of Sinusitis Complications. *Otolaryngology--Head and Neck Surgery* 2010; 143 (2 suppl), P295-P296
25. Balakrishnan K, Moe KS. Outcomes in Orbital and Transorbital Endoscopic Surgery. *Otolaryngology--Head and Neck Surgery* 2010; 143 (2 suppl), P68-P68
26. Ciporen JN, Lopez S, Ledesma E, Ramanathan D, Rostomily R, Moe KS, Sekhar LN. Precaruncular Transorbital Approach to the Sella and Clivus: A Cadaveric Study. *Skull Base* 2009; 19 (03), A102
27. Moe KS, Ramanathan D, Sekhar LN, Kim LJ. The Extended Transorbital Upper Lid Crease Craniotomy: A Less Invasive Alternative to the Supraorbital Craniotomy. *Skull Base* 2009; 19 (03), A088
28. Way MK, Kriet JD, Cook TA, Moe KS. Miniseminar: Contemporary Management of Facial Paralysis. *Otolaryngology-Head and Neck Surgery* 2005; 133 (2), P113
29. Moe KS. The Morbidity of Paralytic Ectropion and an Evaluation of Surgical Correction. *Otology & Neurotology* 2002; 23, S104
30. Moe KS, Li D, Linder TF, Schmid S, Fisch U. An Update on the Surgical Treatment of Temporal Bone Paraganglioma. *RIVISTA DI NEURORADIOLOGIA* 2000; 13, 179-188
31. Ramakrishna R, Bly R, Ferreira J, Moe KS. Transorbital Endoscopic Approach to the Lateral Cavernous Sinus. *J Neurol Surg B Skull Base*. 2014 Feb;75(1):11-7
32. Bly R, Moe KS. Computer Planning in the Research, Analysis of Skull Base Surgical Approaches. President Elect Award. AAO-HNSF Fall Meeting, Vancouver, September 2013
33. Harbison RA, Bly R, White J, Ching R, Moe KS. Computer modeling of skull base instrument motion and surgical pathway analysis. *J Neurological Surgery* 2014; 75 S1; S31
34. Bevans COSM MIO 4./015
35. Berens COSM instrument motion 4/2015
36. Koh EK, Ferreira M, Moe KS et al. Unusual Presentations of Paragangliomas at Clivus: A Case Series. Endocrine Society Meeting, Orlando, 2016
37. Aghdasi N, Li Y, Harbison A, Moe KS. Improved Technology for Navigation-Guided orbital Surgery and Reconstruction. North American Skull Base Society Annual Meeting, New Orleans, March 2017

FELLOWS TRAINED (Facial Plastic and Reconstructive Surgery, Oculoplastic Surgery, Neurosurgery)

- 2003 University of California, San Diego
Hoffman, Bernard. University of Fulda, Germany. FPRS
- 2004 Kao, CH. Taiwan National Defense University, Chief of Facial Plastic Surgery. FPRS
- 2005 University of Washington
Osniak, Boris. Ljubljana Slovenia. FPRS
Roeksomtawin, Somphon. Siriraj Hospital, Mahidol University, Bangkok, Thailand. FPRS
- 2006 Gassner, Holger. University of Regensburg, Germany. FPRS
- 2007 Iniguez-Caudra, Rodrigo. Universita Catholica, Santiago, Chile FPRS
Bergeron, Christopher. Stanford University. FPRS
Pincock, Tobias. Australia. FPRS
- 2008 Suryadevara, Amar. State University of New York, Syracuse. FPRS
Ciporen, Jeremy. Emory University, Atlanta. Neurosurgery
- 2009 Cunningham, James. UCI. FPRS
Ferreira, Manfred, Harvard University, Boston. Skull Base Neurosurgery.
Ramanathan, Dinesh. University of Washington, Skull Base Neurosurgery.
- 2010 Zoumalan, Richard. New York University, FPRS.
- 2011 Wright, Richard. University of Maryland, FPRS.
Ostrovsky, Dimitry. Rambam University, Haifa, Israel, FPRS and Skull Base
Mai, Jeffrey, University of Washington, Skull Base Neurosurgery
Dennis Chau, Univerversity of Singapore, FPRS and Skull Base
- 2012 Nguyen, Hui, University of Washington, Skull Base Neurosurgery
Koch, Cody, Mayo Clinic, FPRS
- 2013 Sadick, Haneen, University of Mannheim, Germany (Euro Acad Fac Plast Surg)
Farhad Ardeshirpour, University of Minnesota
Zenia Chow, University of Perth, Australia
- 2014 Ridgway, James, University of Arizona, FPRS
- 2015 Bevans, Scott, United States Army, FPRS
Strauss, David, University of Alabama, Skull Base Neurosurgery
- 2016 Patel, Sapna, University of Washington, FPRS
Patel, Anoop Harvard University, Skull Base Neurosurgery

COURSES ORGANIZED

- 2005 Moe KS. Craniofacial Trauma: Surgical Theory and Cadaver Plating Course. (Lecture and cadaver course, University of California, San Diego)
- 2009 Gruss J, Moe KS. Practical Approaches to Craniomaxillofacial Trauma and Reconstruction. In cooperation with Stryker Maxillofacial (Lecture and cadaver course, Seattle Research Institute)
- 2010 Bhrany A, Murakami C, Moe KS. Facial plastic surgery for residents. (Lecture and cadaver course, Virginia Mason, Seattle)
- 2010 Moe KS, Stanley R, Bhrany A, Sardesai M. University of Washington Facial Plastic and Reconstructive Surgery Annual Course. (Lecture and cadaver course for 42 otolaryngology,

dermatology, oral surgery, and plastic surgery residents of Washington, Oregon, and British Columbia. Raised funds, developed curriculum, arranged 7 extramural guest speakers)

Davis GE, Sardesai M, Moe KS. Sinus surgery for residents. (Lecture and cadaver course, Raised funds, arranged extramural guest speaker).

2011-Present

Moe KS, Bhrany A, Sardesai M., Lu N. University of Washington Facial Plastic and Reconstructive Surgery Annual Course. (Lecture and cadaver course for 42 otolaryngology, dermatology, oral surgery, and plastic surgery residents of Washington, Oregon, and British Columbia. Raised funds, developed curriculum, arranged 5 extramural guest speakers)

Davis GE, Sardesai M, Moe KS. Sinus surgery for residents. (Lecture and cadaver course, Raised funds, arranged extramural guest speaker).

2012-Present

Moe KS, Stanley R, Bhrany A, Sardesai M. University of Washington Facial Plastic and Reconstructive Surgery Annual Course. (Lecture and cadaver course for 42 otolaryngology, dermatology, oral surgery, and plastic surgery residents of Washington, Oregon, and British Columbia. Raised funds, developed curriculum, arranged 5 extramural guest speakers)

Davis GE, Sardesai M, Moe KS. Sinus surgery for residents. (Lecture and cadaver course, Raised funds, arranged extramural guest speaker).

2022 Moe KS, Schwartz T (Co-directors). Transorbital Skull Base and Brain Surgery: A Hands-On Course. (Two day lecture and cadaver course. Cornell Medical School). New York, June, 2022.

PATENTS

Project	Co-Inventors Moe +:	Patent #
1. Robotic pathway dissector	Hannaford, Sekhar et al	20110118543
2. Flexible robot introducer system	Hannaford, Sekhar et al	20110257672
3. Universal robotic surgical cockpit	Hannaford, Sekhar et al	20110238079
4. Spiway surgical pathway shield	Hannaford, Sekhar et al	20110118551
5. Universal robotic actuator system	Hannaford, Rosen et al	9775640
6. Automatic Instrument Delivery System	Hannaford, Bly	Prov 46102
7. Computer/physical planning model		Prov 46320
8. Multifunctional Device Remote Actuator		In process
9. Haptic rendering and virtual		In process
10. Navigation pathway guidance protection system		
11. Methods and systems for selecting surgical approaches. Bly R, Hannaford B		10416624
12. Surgical pathway guidance and boundary system Bly Pending: US20160074123A1		

13. Surgical tissue protection sheath Chen, Bly US10470647B2
14. Surgical instrument input device organization systems and associated methods US9498194B2
15. Instrument organization systems and associated methods. US9962230B2
16. Methods and systems for navigating a surgical pathway. W02016126934A1
17. Computer-assisted osteocutaneous free flap reconstruction. Harbison. US 20170340390A1

SELECTED MAJOR / INTERNATIONAL PRESS COVERAGE

1. Harborview Medical Center Trauma Report, P 21, 2007. “New Approaches to Eye Socket Fractures are Less Invasive Than Traditional Surgery, Leave No Visible Scars”.
2. BBC World Report (audience of 240 million) interview on TONES 10.1.10: “Surgeons pioneer brain surgery through the eye socket”
http://www.bbc.co.uk/worldservice/news/2010/10/101001_eye_surgery_wt_hs.shtml
3. Informe Saúde Nov 10, 2010 (brazilian health newspaper) <http://www.isaude.net/pt-BR/noticia/11630/ciencia-e-tecnologia/neuroendoscopia-transorbital-substitui-as-tradicionais-cirurgias-do-cerebro>.
4. Washington Examiner Newspaper, 10.7.2010. Surgeon pioneers brain surgery through eye socket.
<http://www.washingtonexaminer.com/>
5. Science Daily. Scarless brain surgery is a new option for patients.
<http://www.sciencedaily.com/releases/2010/09/100928155427.htm>
6. University of Washington Medicine. Cover story / feature-length article on transorbital endoscopic surgical techniques and technologies.
7. Seattle Magazine Top Docs: Transorbital neuroendoscopic surgery research, 2011
8. UW Medicine Report to the Community 2010/2011. Transorbital neuroendoscopic surgery research.
9. Lakeside Magazine 2012: Featured in “Game Changers” issue highlighting alumni innovators (also included were the founders of Microsoft and Intuitive Surgical / da Vinci Robotics).

OTHER PROFESSIONAL ACTIVITIES

2008 Co-Founder and member, board of directors: Surgical Pathway Innovations, Inc. (SPI-Surgical)
This is a company founded for the development of a flexible endoscopic robotic operating system as and related medical devices. To date we have received over \$1,125,000 in Department of Defense funding and have multiple patents pending.

2001 – present: Interview committee, Harvard College Admissions.
Board of Directors, Seattle Surgical Society
Board of Directors, Northwest Academy of Otolaryngology
Board of Directors, North American Skull Base Society