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BUSINESS ADDRESS

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EDUCATIONAL BACKGROUND

Degrees and Diplomas

- 1991-95 Doctor of Medicine (MD) Program, University of Toronto, Faculty of Medicine.
- 1989-91 B.Sc. Program, University of Toronto, Faculty of Arts and Science: 2 Years in the Nutritional Sciences Department, with major in Mathematics.

Qualifications, Licensures and Certifications

Fellow of the Royal College of Physicians and Surgeons of Canada (FRCSC) Otol

Medical Council of Canada Qualifying Examination (MCCQE Parts 1 and 2)

Diplomate (Board Certification) – American Board of Otolaryngology (ABO)

United States Medical Licensure Examination (USMLE Steps 1,2 and 3)

Other Specialized Training

- 2001 Facial Plastic Surgery Fellowship, Royal Prince Alfred Hospital, Australasian Academy of Facial Plastic Surgery, Sydney, Australia.
- 1995-2000 Otolaryngology / Head & Neck Surgery Residency, University of Toronto, Faculty of Medicine – Department of Post-Graduate Studies.

EMPLOYMENT HISTORY

CURRENT STATUS AT MCMASTER

- 2001 - present Medical Staff, Department of Surgery – Otolaryngology Division – Hamilton Health Sciences, McMaster Campus, Hamilton General Hospital site.

University Appointments

2014 – present	Clinical Professor, Surgery, Faculty of Health Sciences, McMaster University
2008 - 2014	Associate Clinical Professor, Surgery, Faculty of Health Sciences, McMaster University
2001 - 2008	Assistant Clinical Professor, Surgery, Faculty of Health Sciences, McMaster University
2019 – present	Head of McMaster Advanced Rhinology and Endoscopic Skull Base Surgery Fellowship

PROFESSIONAL ORGANIZATIONS

Ontario Medical Association
Canadian Society of Otolaryngology – Head & Neck Surgery
College of Physicians and Surgeons of Ontario
Royal College of Physicians and Surgeons of Canada
American Board of Otolaryngology
North American Skull Base Society
European Rhinologic Society
International Committee of the Endoscopic Trans-Orbital Society

Peer Reviewed Journal Articles

1. Bysice A, Gibson R, Moore C, Sommer DD, Nichols A, Arts E, Sowerby LJ. *Evaluation for the Presence of SARS-CoV-2 in CO2 Laser Plume*. J Otolaryngol Head Neck Surg. 2025 Jan-Dec;54:19160216251387624. doi: 10.1177/19160216251387624. Epub 2025 Oct 31.
2. Yasuda ME, Slim MA, Alammar Y, Sommer DD, de Notaris M, Reddy K. *Novel Vascularized Pedicle Flaps for Dural Reconstruction via Endoscopic Transorbital Approach: Temporalis Muscle and Pericranial Flaps*. World Neurosurg. 2025 Jun 26;200:124217. doi: 10.1016/j.wneu.2025.124217. Epub ahead of print. PMID: 40581294.
3. Nolasco S, Kjarsgaard M, Lauks S, Treleven O, Ho T, Huang C, Radford K, Swindall T, Venegas Garrido C, Bhalla A, Thawanaphong S, Friedlander Y, Dymont L, Surette M, Trus M, Sehmi R, Haider E, Khalidi N, Sommer DD, Wasserman S, Mukherjee M, Svenningsen S, Cox G, Nair P. *Clinical Remission by a Comprehensive Severe Asthma Management Strategy Guided by Airway Inflammometry and Bioimaging*. Am J Respir Crit Care Med. 2025 Jun 20. doi: 10.1164/rccm.202412-2438OC. Epub ahead of print. PMID: 40540629.
4. Gleave A, Shah A, Giff A, Perera GC, Sommer DD, Mountjoy M, Nayan S. *Promoting Longevity in Surgical Careers: A Narrative Review and Fitness Program to Reduce Occupational Pain*. J Surg Educ. 2025 Jul;82(7):103512. doi: 10.1016/j.jsurg.2025.103512. Epub 2025 May 19. PMID: 40393346.
5. Staibano P, Samargandy S, Cottrell J, Wang L, Au M, Gupta MK, Zhang H, Sommer DD, Walsh C, Monteiro E. *Quality Indicators in Otolaryngology-Head and Neck Surgery: A Scoping Review*. J Otolaryngol Head Neck Surg. 2025 Jan-Dec;54:19160216251330627. doi: 10.1177/19160216251330627. Epub 2025 Apr 25. PMID: 40277281; PMCID: PMC12035303.
6. Di Perna G, Baldassarre BM, Colamaria A, Leone A, Carbone F, Zenga F, Zoia C, Corrivetti F, Sommer DD, Reddy K, Spetzger U, de Notaris M. *Deep Temporal Muscle Pedicled Flap: A Novel Reconstruction Technique Following Transorbital Approach, Anatomic Study, and Surgical Implications*. Oper Neurosurg (Hagerstown). 2025 Apr 21. doi: 10.1227/ons.0000000000001571. Epub ahead of print. PMID: 40257247.
7. Gevaert P, Desrosiers M, Cornet M, Mullol J, De Corso E, Keles Turel N, Maspero J, Fujieda S, Zhang L, Sousa AR, Woods SJ, Davis AM, Schalkwijk S, Edwards D, Ranganathan P, Follows R, Marshall C, Han JK; ANCHOR-1 and ANCHOR-2 trial investigators. *Efficacy and safety of twice per year depemokimab in chronic rhinosinusitis with nasal polyps (ANCHOR-1 and ANCHOR-2): phase 3, randomised, double-blind, parallel trials*. Lancet. 2025 Feb 28:S0140-6736(25)00197-7. doi: 10.1016/S0140-6736(25)00197-7. (as member of ANCHOR-1 study group investigators). PMID: 40037388.
8. Yasuda ME, Mastrolonardo A, Nguyen T, Moore J, Sommer DD, Reddy K. *Transorbital Endoscopic Approach for Managing Challenging Frontal Sinus Lesions: Results and Operative Technique Description*. J Neurol Surg B Skull Base. 2024 Oct 30;86(6):726-732. doi: 10.1055/a-2441-0903. PMID: 41140415; PMCID: PMC12552048.
9. Yasuda ME, Nguyen T, Moore J, Sommer D, Reddy K. *Pushing the boundaries of endoscopic surgery: the extended transodontoid approach for craniovertebral junction pathologies. Comprehensive technique description and comparative result*. Acta Neurochir (Wien). 2024 Nov 22;166(1):472. doi: 10.1007/s00701-024-06356-9. PMID: 39576380.
10. Dorling M, Sarafan M, Voizard B, Ammar YA, Hernaiz-Leonardo JC, Chalmers K, MacInnis P, Nugent J, Janjua A, Javer A, Sommer D, Lee J, Chan Y, Thamboo A. *Switching biologics in chronic rhinosinusitis with nasal polyps: A multicenter Canadian experience*. Int Forum Allergy Rhinol. 2024 Oct 18. doi: 10.1002/alr.23466. Epub ahead of print. PMID: 39422074.
11. Corvino S, de Notaris M, Sommer D, Kassam A, Kong DS, Piazza A, Corrivetti F, Cavallo LM, Iaconetta G, Reddy K. *Assessing the Feasibility of Selective Piezoelectric Osteotomy in Transorbital Approach to the Middle*

- Cranial Fossa: Anatomical and Quantitative Study and Surgical Implications*. World Neurosurg. 2024 Dec;192:e198-e209. doi: 10.1016/j.wneu.2024.09.066. Epub 2024 Oct 5. PMID: 39303974.
12. Tran T, Staibano P, Snidvongs K, Nguyen TBV, Sommer DD. *Extent of Endoscopic Sinus Surgery in Chronic Rhinosinusitis: A Systematic Review and Meta-Analysis*. Curr Allergy Asthma Rep. 2024 Nov;24(11):639-650. doi: 10.1007/s11882-024-01175-5. Epub 2024 Sep 9. PMID: 39249643.
 13. Ranjbar M, Whetstone CE, Cusack RP, Al-Sajee D, Omer H, Alsaji N, Ho T, Duong M, Mitchell P, Satia I, Keith PK, Xie Y, MacLean J, Sommer DD, O'Byrne PM, Sehmi R, Gauvreau GM. *Comparison of upper and lower airway expression of SARS-CoV-2 receptors in allergic asthma*. Allergy. 2024 Oct;79(10):2856-2858. doi: 10.1111/all.16157. Epub 2024 May 10. PMID: 38726474.
 14. Khayat MA, Khayat H, Alhantoobi MR, Aljoghaiman M, Sommer DD, Algird A, Guha D. *Traumatic penetrating head injury by crossbow projectiles: A case report and literature review*. Surg Neurol Int. 2024 Feb 9;15:35. doi: 10.25259/SNI_574_2023. PMID: 38468667; PMCID: PMC10927188.
 15. Levin M, Chan Y, Sommer DD, Thamboo A, Lee JM. *Quantifying surgical completeness in patients with aspirin exacerbated respiratory disease*. J Otolaryngol Head Neck Surg. 2023 Dec 17;52(1):83. doi: 10.1186/s40463-023-00682-1. PMID: 38105254; PMCID: PMC10726574.
 16. Newman M, Nguyen TBV, McHugh T, Reddy K, Sommer DD. *Early-onset juvenile nasopharyngeal angiofibroma (JNA): a systematic review*. J Otolaryngol Head Neck Surg. 2023 Dec 19;52(1):85. doi: 10.1186/s40463-023-00687-w. PMID: 38115030; PMCID: PMC10731762.
 17. Bauer RN, Xie Y, Beaudin S, Wiltshire L, Wattie J, Muñoz C, Alsaji N, Oliveria JP, Ju X, MacLean J, Sommer DD, Keith PK, Satia I, Cusack RP, O'Byrne PM, Sperinde G, Hokom M, Li O, Banerjee P, Chen C, Staton T, Sehmi R, Gauvreau GM. *Evaluation of the reproducibility of responses to nasal allergen challenge and effects of inhaled nasal corticosteroids*. Clin Exp Allergy. 2023 Oct 4. doi: 10.1111/cea.14406. Epub ahead of print. PMID: 37794659.
 18. Whetstone CE, Ranjbar M, Cusack RP, Al-Sajee D, Omer H, Alsaji N, Ho T, Duong M, Mitchell P, Satia I, Keith P, Xie Y, MacLean J, Sommer DD, O'Byrne PM, Sehmi R, Gauvreau GM. *Protein expression of SARS-CoV-2 receptors ACE2 and TMPRSS2 in allergic airways after allergen challenge*. Allergy. 2023 Jun 25. doi: 10.1111/all.15793. Epub ahead of print. PMID: 37357419.
 19. Yasuda ME, Mastrolonardo A, Nguyen T, Moore J, Sommer D, Reddy K. *Transorbital neuroendoscopy surgery for the management of frontal sinus lesions*. Case series. J Neurol Surg B Skull Base 2023; 84(S 01): S1-S344. DOI: 10.1055/s-0043-1762469
 20. Abdallah Z, Staibano P, Zhou K, Khalife S, Nguyen TBV, Sommer DD. *Tranexamic acid in endoscopic sinus and skull base surgery: A systematic review and meta-analysis*. Int Forum Allergy Rhinol. 2023 Jun 1. doi: 10.1002/alr.23203. Epub ahead of print. PMID: 37259887.
 21. Thamboo A, Lee M, Bhutani M, Chan C, Chan Y, Chapman KR, Chin CJ, Connors L, Dorscheid D, Ellis AK, Gall RM, Godbout K, Janjua A, Kilty S, Kim H, Kirkpatrick G, Lee JM, Leigh R, Lemiere C, Monteiro E, Neighbour H, Keith P, Philteos G, Quirt J, Rotenberg B, Ruiz JC, Scott JR, Sommer DD, Sowerby L, Tewfik M, Wasserman S, Witterick I, Wright ED, Yamashita C, Desrosiers M. *Canadian multidisciplinary expert consensus on the use of biologics in upper airways: a Delphi study*. J of Otolaryngol - Head & Neck Surg. 2023 April. 52(30). doi.org/10.1186/s40463-023-00626-9
 22. Staibano P, Khattak S, Amin F, Engels PT, Sommer DD. *Tracheostomy in Critically Ill COVID-19 Patients on Extracorporeal Membrane Oxygenation: A Single-Center Experience*. Ann Otol Rhinol Laryngol. 2023 Apr 9;34894231166648. doi: 10.1177/00034894231166648. Epub ahead of print. PMID: 37032528; PMCID: PMC10086820.

23. Fokkens W, Trigg A, Lee SE, Chan RH, Diamant Z, Hopkins C, Howarth P, Lund V, Mayer B, Sousa AR, Yancey S, Tabberer M; SYNAPSE study group. *Mepolizumab improvements in health-related quality of life and disease symptoms in a patient population with very severe chronic rhinosinusitis with nasal polyps: psychometric and efficacy analyses from the SYNAPSE study*. J Patient Rep Outcomes. 2023 Jan 20;7(1):4. doi: 10.1186/s41687-023-00543-5. PMID: 36662344; PMCID: PMC9859976. (as member of SYNAPSE study group investigators).
24. McHugh T, Sommer DD, Thamboo A, Tewfik MA, Smith KA. *Image guidance system use amongst Canadian otolaryngologists: a nationwide survey*. J Otolaryngol Head Neck Surg. 2022 Jun 13;51(1):27. doi: 10.1186/s40463-022-00581
25. Levin M, Brace M, Sommer DD, Roskies M. *Operating Room Noise and Team Communication during Facial Plastic and Reconstructive Surgery: A Multicenter Study*. Facial Plast Surg. 2022 Jan 27. doi: 10.1055/s-0041-1742221. Epub ahead of print. PMID: 35088400.
26. Xie M, Zhou K, Kachra S, McHugh T, Sommer DD. *Diagnosis and Localization of Cerebrospinal Fluid Rhinorrhea: A Systematic Review*. Am J Rhinol Allergy. 36(3):397-406. 2022 May;19458924211060918. doi: 10.1177/19458924211060918. Epub ahead of print. PMID: 34846218.
27. McHugh T, Sommer DD, Reddy K, Sowerby LJ, Mensinkai A, Qureshy, K. *Cerebrospinal Fluid Leak from Lateral Sphenoid Sinus after Nasopharyngeal Swab Test for COVID-19: A Case Report and Review of Literature*. J Otolaryngol Rhinol 10:10. 2021.
28. McHugh, T and Sommer, D (2021). *An Update on Select Topics in Chronic RhinoSinusitis with Nasal Polyps*. Canadian Allergy & Immunology Today. 2021 Sept 1. Vol 1 (2), pp 6-14. ISSN 2563-7711.
29. Hoang MP, Staibano P, McHugh T, Sommer DD, Snidvongs K. *Self-reported olfactory and gustatory dysfunction and psychophysical testing in screening for COVID-19: A systematic review and meta-analysis*. Int Forum Allergy Rhinol. 2022 May 1;10.1002/alr.22923. doi: 10.1002/alr.22923. Epub ahead of print. PMID: 34725952; PMCID: PMC8652821.
30. McDonough M, Hathi K, Corsten G, Chin CJ, Campisi P, Cavanagh J, Chadha N, Graham ME, Husein M, Johnson LB, Jones J, Korman B, Manoukian J, Nguyen LHP, Sommer DD, Strychowsky J, Uwiera T, Yunker W, Hong P. *Choosing Wisely Canada - pediatric otolaryngology recommendations*. J Otolaryngol Head Neck Surg. 2021 Oct 29;50(1):61. doi: 10.1186/s40463-021-00533-x. PMID: 34715936; PMCID: PMC8557011.
31. Sommer DD, Cote D, McHugh T, Corsten M, Tewfik MA, Khalili S, Fung K, Gupta M, Sne N, Engels PT, Weitzel E, Brown TFE, Paul J, Kost KM, Anderson JA, Sowerby L, Mertz D, Witterick IJ. *Revised recommendations from the CSO-HNS taskforce on performance of tracheotomy during the COVID-19 pandemic - what a difference a year makes*. J Otolaryngol Head Neck Surg. 2021 Oct 20;50(1):59. doi: 10.1186/s40463-021-00531-z. PMID: 34670607; PMCID: PMC8527441.
32. Lam M, Bao Y, Hua G, Sommer DD. *Sudden Sensorineural Hearing Loss and Metabolic Syndrome: a systematic review and meta-analysis*. Otology Neurotology, 2021 Oct 1;42(9):1308-1313.
33. Han JK, Bachert C, Fokkens W, Desrosiers M, Wagenmann M, Lee SE, Smith SG, Martin N, Mayer B, Yancey SW, Sousa AR, Chan R, Hopkins C; SYNAPSE study investigators. *Mepolizumab for chronic rhinosinusitis with nasal polyps (SYNAPSE): a randomised, double-blind, placebo-controlled, phase 3 trial*. Lancet Respir Med. 2021 Oct;9(10):1141-1153. PMID: 33872587. (as member of SYNAPSE study investigators).
34. Sowerby LJ, Nichols AC, Gibson R, Sommer DD, Moore C, Fraser DD, Arts E. *Assessing the Risk of SARS-CoV-2 Transmission via Surgical Electrocautery Plume*. JAMA Surg. 2021 Sep 1;156(9):883-885. doi: 10.1001/jamasurg.2021.2591. PMID: 34019099.
35. Staibano P, Levin M, McHugh T, Gupta M, Sommer DD. *Association of Tracheostomy With Outcomes in Patients With COVID-19 and SARS-CoV-2 Transmission Among Health Care Professionals: A Systematic*

Review and Meta-analysis. JAMA Otolaryngol Head Neck Surg. 2021 Jul 1;147(7):646-655. doi: 10.1001/jamaoto.2021.0930. PMID: 34042963; PMCID: PMC8160928.

36. Xie Y, Ju X, Beaudin S, Wiltshire L, Paul J, MacLean J, Sommer DD, Cusack R, Li O, Banerjee P, Keith PK, O'Byrne PM, Bauer RN, Staton T, Gauvreau GM, Sehmi R. *Effect of Intranasal corticosteroid treatment on allergen-induced changes in group 2 innate lymphoid cells in allergic rhinitis with mild asthma.* Allergy. 2021 Sep;76(9):2797-2808. doi: 10.1111/all.14835. PMID: 33784411.
37. Sowerby LJ, Patel KB, Schmerk C, Rotenberg B, Taciano R, Sommer DD. *Effect of a Low Salicylate Diet on Clinical and Inflammatory Markers in Patients with Aspirin Exacerbated Respiratory Disease – A Randomized Crossover Trial.* J of Otolaryngol - Head & Neck Surg 50, 27. April 23, 2021. <https://doi.org/10.1186/s40463-021-00502-4>
38. Saydy N, Moubayed SP, Bussi res M, Janjua A, Kilty S, Lavigne F, Monteiro E, Nayan S, Pich  M, Smith K, Sommer D, Sowerby L, Tewfik MA, Witterick IJ, Wright E, Desrosiers M. *What is the optimal outcome after endoscopic sinus surgery in the treatment of chronic rhinosinusitis? A consultation of Canadian experts.* J Otolaryngol Head Neck Surg. 2021 Jun 16;50(1):36. doi: 10.1186/s40463-021-00519-9. PMID: 34134762; PMCID: PMC8210358.
39. Levin M, Banglawalla S, Sommer DD. *Endoscopic Removal of Sinonasal Teeth: A Case Series.* Operative Techniques in Otolaryngology - Head and Neck Surgery. 32(2) E18-26. April 08, 2021. <https://doi.org/10.1016/j.otot.2021.03.001>
40. Thamboo A, Kilty S, Witterick I, Chan Y, Chin C, Janjua A, Javier J, Lee J, Monteiro E, Rotenberg B, Scott J, Smith K, Sommer DD, Sowerby L, Tewfik M, Wright E, Desrosiers M. *Canadian Rhinology Working Group consensus statement: biologic therapies for chronic rhinosinusitis.* J of Otolaryngol - Head & Neck Surg 50, 15 March, 2021. <https://doi.org/10.1186/s40463-021-00493-2>
41. Levin M, Chan T, Hua G, Sommer DD. *The middle turbinate as an anatomical landmark for a safe maxillary antrostomy during endoscopic sinus surgery: A computed tomography study.* Operative Techniques in Otolaryngology - Head and Neck Surgery. 32(1)E6-11. <https://doi.org/10.1016/j.otot.2021.01.012>. Feb, 2021.
42. Levin M, Zhou K, Sommer EC, McHugh T, Sommer DD. *Ambient Noise Levels and Wireless Headsets for Communication in Aerosolizing Otolaryngology Surgery During COVID-19.* Otolaryngol Head Neck Surg. 2021, Jan 12:194599820986584. doi: 10.1177/0194599820986584. PMID: 33433261.
43. Chan Y, Banglawalla SM, Chin CJ, C  t  DWJ, Dalgorf D, de Almeida JR, Desrosiers M, Gevorgyan A, Hassan HA, Janjua A, Lee JM, Leung RM, Mechor BD, Monteiro E, Nayan S, Rotenberg B, Scott J, Smith KA, Sommer DD, Sowerby L, Tewfik MA, Thamboo A, Vescan A, Witterick IJ. *Canadian Society of Otolaryngology - Head & Neck Surgery (CSO) Position Paper on Sinus and Skull Base Surgery during the COVID-19 Pandemic.* J Otolaryngol Head Neck Surg. 2020 Dec 4;49(1)81.
44. Levin M, Zhou K, Sommer EC, Purohit H, Wells J, Pugi J, Sommer DD. *Noise in endoscopic sinus and skull base surgery operating rooms.* Am J Rhinol Allergy. 2020, Nov 25. PMID: 33236663.
45. Chan Y, Angel D, Aron M, Hartl T, Moubayed SP, Smith KA, Sommer DD, Sowerby L, Spafford P, Mertz D, Witterick IJ. *CSO (Canadian Society of Otolaryngology - Head & Neck Surgery) position paper on return to Otolaryngology - Head & Neck Surgery Clinic Practice during the COVID-19 pandemic in Canada.* J Otolaryngol Head Neck Surg. 2020 Oct 26;49(1):76
46. Chan TJ, Lewis TA, Sommer DD. *Type A botulinum toxin in the management of spontaneous salivary otorrhea: a case report.* J of Otolaryngol Head Neck Surg 2020, Aug 49(60).
47. McHugh T, Levin M, Snidvongs K, Banglawalla SM, Sommer DD. *Comorbidities Associated with Eosinophilic Chronic Rhinosinusitis: Systematic Review & Meta-Analysis.* Clinical Otolaryngology. 2020 Jul;45(4):574-583.

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49. Yang K, Ellenbogen Y, Algird AR, Sommer DD, Reddy KV. *Visual Outcomes after Endoscopic Endonasal Resection of Orbital Lesions*. World Neurosurg. 2020 Jul;139:e501-e507.
50. Thamboo A, Lea J, Sommer DD, Sowerby L, Abdalkhani A, Diamond C, Ham J, Heffernan A, Long C, Phulka J, Wu YQ, Yeung P, Lammers M. *Clinical Evidence Based Review and Recommendations of Aerosol Generating Medical Procedures in Otolaryngology – Head and Neck Surgery during the COVID-19 Pandemic*. J Otolaryngol Head Neck Surg. 2020 May 49(28).
51. Sommer DD, Engels PT, Weitzel EK, Khalili S, Corsten M, Tewfik MA, Fung K, Cote D, Gupta M, Sne N, Brown TFE, Paul J, Kost KM, Witterick IJ. *Recommendations from the CSO-HNS Taskforce on Performance of Tracheotomy During the COVID-19 Pandemic*. J Otolaryngol Head Neck Surg. 2020 Apr 27;49(1):23
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53. Yang K, Ellenbogen Y, Dong S, Kim J, Larrazabal R, Rodriguez AR, Algird AR, Sommer DD, Reddy K. *The expanded endoscopic endonasal approach for suprasellar meningiomas: long-term outcomes in a single-center series of 27 patients*. Acta Neurochir (Wien). 2020 Mar;162(3):623-629
54. Lewis T, Levin M, Sommer DD. *Too hot to handle - Quantifying temperature variations in the nasal endoscope ocular assembly and light post*. Am J Rhinol Allergy. 2020 Mar;34(2):262-2.
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56. Levin M, Sommer DD. *Endoscopic Removal of Sinonasal Teeth. A systematic review*. J Otolaryngol Head Neck Surg. 2019 Jul 5;48(1)30.
57. Jiménez-Saiz R, Ellenbogen Y, Bruton K, Spill P, Sommer DD, Lima H, Wasserman S, Patil SU, Shreffler WG, Jordana M. *BCR analysis of single-sorted, putative IgE+ memory B cells in food allergy: an ephemeral existence?* Journal of Allergy and Clinical Immunology. 2019 Jul;144(1):336-339.
58. Choi DL, Reddy K, Weitzel EK, Rotenberg BW, Vescan A, Algird A, Sommer DD. *Postoperative Continuous Positive Airway Pressure Use and Nasal Saline Rinses After Endonasal Endoscopic Skull Base Surgery in Patients With Obstructive Sleep Apnea: A Practice Pattern Survey*. Am J Rhinol Allergy. 2019 Jan;33(1):51-55.
59. McHugh T, Snidvongs K, Xie M, Banglawala S, Sommer D. *High tissue eosinophilia as a marker to predict recurrence for eosinophilic chronic rhinosinusitis: a systematic review and meta-analysis*. Int Forum Allergy Rhinol. 2018 Dec;8(12):1421-1429.
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Book Chapters/Guidelines

1. Nguyen TBV, Carrau RL, Sommer DD. *Complications in Endoscopic Anterior Skull Base Surgery*. Essential Rhinology and Allergy. Volume 2: Sinusitis and Surgical Management of *Sinonasal Disease and Skull Base Disorders*. Chan Y, Wormald PJ. – KJ Lee Essential Medicine Series. Feb 2025. Nova Science.
2. Wells J, Nahlieli O, Sommer DD. *The use of Sialoendoscopy in the treatment of Salivary Gland Conditions. Recent Advances in Otolaryngology 10th edition*. In Press.
3. Sommer DD, Cote D, McHugh T, Corsten M, Tewfik MA, Khalili S, Fung K, Gupta M, Sne N, Engels PT, Weitzel E, Brown TFE, Paul J, Kost KM, Anderson JA, Sowerby L, Mertz D, Witterick IJ. *Revised recommendations from the CSO-HNS taskforce on performance of tracheotomy during the COVID-19 pandemic - what a difference a year makes*. CSO, October 2021.
4. Chan Y, Banglawala SM, Chin CJ, Côté DWJ, Dalgorf D, de Almeida JR, Desrosiers M, Gevorgyan A, Hassan HA, Janjua A, Lee JM, Leung RM, Mechor BD, Monteiro E, Nayan S, Rotenberg B, Scott J, Smith KA, Sommer DD, Sowerby L, Tewfik MA, Thamboo A, Vescan A, Witterick IJ. *Canadian Society of Otolaryngology - Head & Neck Surgery (CSO) Position Paper on Sinus and Skull Base Surgery during the COVID-19 Pandemic*. Canadian Society of Otolaryngology. July, 2020.
5. Chan Y, Angel D, Aron M, Hartl T, Moubayed SP, Smith KA, Sommer DD, Sowerby L, Spafford P, Mertz D, Witterick IJ. *Return to Otolaryngology – Head & Neck Surgery Clinic Practice During the COVID-19 Pandemic Recommendations from the CSO-HNS Taskforce*. Canadian Society of Otolaryngology. May, 2020.
6. Yang K, Rebelo J, Reddy K, Sommer DD. *Endoscopic Trans-Nasal Approach to the Craniocervical Junction. Nontraumatic Cervical Myelopathy: Pathologies, Surgical Techniques, and Nuances*. Itshayek E. Hauppauge, New York: Nova Publishers. 2020.
7. Cote DWJ, Brown T, Chan Y, Jefferey CC, Witterick IJ, Sommer DD. *Recommendations from the CSO-HNS Taskforce on Post-Operative Care Following Tracheotomy During the COVID-19 Pandemic*. Canadian Society of Otolaryngology. April, 2020.
8. Engels PT, Weitzel E, Witterick IJ, Khalili S, Corsten M, Tewfik MA, Fung K, Cote D, Gupta M, Sne N, Brown TFE, James P, Kost KM, Sommer DD. *Recommendations from the CSO-HNS Taskforce on Performance of Tracheotomy During the COVID-19 Pandemic*. Canadian Society of Otolaryngology. March, 2020.
9. Banglawala SM, Rebelo J, Reddy K, Sommer D. (2018) *Chapter 41: Endoscopic Transnasal Approaches to the Craniocervical Junction. Endoscopic Spine Surgery, 2nd edition*. Kim D. Thieme, New York.
10. Sommer DD, Gill MS, Reddy K, Vescan A. (2013) *Chapter 9: Endoscopic Optic Nerve Decompression. Minimally Invasive Skull Base Surgery: Principles and Practice*. Behouma M. Hauppauge, New York: Nova Publishers.

11. Nayan S, Sommer DD, Zanatian A, Reddy K. (2013) Chapter 14: Pediatric Endoscopic Skull Base Surgery. *Minimally Invasive Skull Base Surgery: Principles and Practice*. Behouma M. Hauppauge, New York: Nova Publishers.

Posters / Abstracts

1. Yasuda M, Moore J, Nguyen T, Alammam Y, Mohd Slim MA, Mastrolonardo A, Sommer D, Reddy K. P.141 *Endoscopic transorbital approach to the skull base: a single centre experience*. Canadian Journal of Neurological Sciences. 2024;51(s1):S54-S55. doi:10.1017/cjn.2024.242
2. Synthetic Materials in Endoscopic Anterior Skull Base Repair: A systematic review and meta-analysis. Liang E, Wadhwa A, Slim A, Alammam Y, Khalife S, Sommer D. *American Rhinologic Society at COSM 2024*. May, 2024. Chicago, USA.
3. Zagury-Orly I, Nedaie S, Xie M, Sowerby L, Sommer D. Recent Trends of Complicated Pediatric Acute Rhinosinusitis: A Retrospective Cohort Study. *Canadian Society of Otolaryngology-Head and Neck Surgery*; September 2023; Toronto, ON.
4. Yasuda ME, Mastrolonardo A, Nguyen T, Moore J, Sommer D, Reddy K. Transorbital neuroendoscopy surgery for the management of frontal sinus lesions. Case series. *2023 North American Skull Base Society Meeting*. Feb, 2023, Florida, USA
5. Bauer R, Xie Y, Beaudin S, Wiltshire L, Wattie J, Munoz C, Alsaji N, Oliveria JP, MacLean J, Sommer D, Keith P, Ju X, Satia I, Cusack R, O'Byrne P, Sperinde G, Hokom M, Li O, Banerjee P, Smith J, Boucherat E, Staton T, Sehmi R, Gauvreau GM. Evaluation of the Reproducibility of Nasal Allergen Challenge in Mild Allergic Asthmatics to Support Drug Development. *American Thoracic Society 2020 International Conference*. May, 2020, A1057
6. Ju X, Xie Y, Beaudin X, Wiltshire L, Oliveria JP, MacLean J, Sommer D, Keith P, O'Byrne PM, Li O, Banerjee P, Bauer R, Gauvreau GM, Sehmi R. Effect of Intranasal Corticosteroid Treatment on Allergen Induced Changes in Numbers, Activation and Phenotype of Group 2 Innate Lymphoid Cells in Mild Allergic Rhinitis with Asthma. *American Thoracic Society 2020 International Conference*. May, 2020, A1326
7. Yang K, Ellenbogen Y, Algird A, Sommer DD, Reddy K. Expanded endoscopic endonasal approach for orbital apex decompression. *European Academy of Neurological Surgery Annual Meeting*. September, 2019. Dublin, Ireland.
8. Yang K, Ellenbogen Y, Algird A, Sommer D, Reddy K. Expanded endoscopic endonasal approach for orbital apex decompression. *54th Canadian Neurological Sciences Federation Meeting*. June, 2019. Montreal, Canada.
9. Yang K, Ellenbogen Y, Kim J, Rodriguez A, Sommer D, Reddy K. Visual outcomes after expanded endonasal resection of suprasellar meningiomas and optic nerve decompression. *54th Canadian Neurological Sciences Federation Meeting*. June, 2019. Montreal, Canada.
10. Levin M, Sommer D. Ectopic Sinonasal Teeth-A Case Series and Review. *73rd Meeting of Canadian Society of Otolaryngology* – May 2019. Edmonton, Canada.
11. Chan T, Lewis T, Reddy K, Sommer D. Metastatic Orbital Paraganglioma: Endoscopic Management and Review of the Literature. *73rd Meeting of Canadian Society of Otolaryngology* – May 2019. Edmonton, Canada.
12. Choi D, Weitzel E, Reddy K, Rotenberg B, Vescan A, Algird A, Sommer DD. Use of Perioperative CPAP following endoscopic endonasal skull base surgery. *North American Skull Base Society Meeting*. February 2018. San Diego, USA.
13. Isak P, Farrokhyar F, Ramakrishna J, Reddy K, Sommer DD. A Challenge Response Skull Base Surgery Specific Checklist as an Add-on to Standard Surgical Checklist: An Evaluation of Potential Safety Issues. *Endochicago – 7th world congress*. Chicago, USA. May 2016.

14. Koziarz A, Sommer D, Reddy K. Pseudoaneurysm following Rhinoplasty. *Endochicago – 7th world congress. Chicago, USA. May 2016.*
15. Koziarz A, Sommer D, Reddy K. Rapid Visual Loss Related to Swelling of Gelfoam used in Sella Following Trans-sphenoidal Surgery for a Pituitary Macroadenoma. A case report. *Endochicago – 7th world congress. Chicago, USA. May 2016.*
16. Gill M, Kim J, Sommer DD. The Use of Pharyngeal Packing in Nasal/Oral Surgeries: A Systematic Review. *Combined Otolaryngological Spring Meeting (COSM). May 2014. Las Vegas, USA.*
17. Neighbour H, Goodwin J, Strychowsky J, Rahman S, Abdelshaheed S, Nair P, Sommer D. Relationship between sputum eosinophilia and sinus disease in patients with eosinophilic bronchitis. *American Thoracic Society Meeting. May 2014, San Diego, USA.*
18. Gill M, Choi D, Banglawala S, Gupta M, Sommer DD. Endoscopic treatment for recurrent nasopharyngeal carcinoma – a systematic review. *7th International Conference on Head & Neck Cancer. July, 2012. Toronto, Canada.*
19. Cheung K, Voineskos S, Avram R, Sommer DD. A Systematic Review of the Endoscopic Management of Orbital Floor Fractures. *66th meeting of the Canadian Society of Plastic Surgeons – June 2012, Toronto, Canada. Winner - Best poster award.*
20. Yassin AA, Murty N, Sommer D, Prebtani A, Reddy K. Diabetes insipidus after endoscopic pituitary surgery. *46th Annual Congress of the Canadian Neurological Sciences Federation - June 2012, Vancouver, Canada.*
21. Banglawala SF, Khetani J, Sommer DD, Reddy K. Purely endoscopic vs. Endoscopic assisted approaches to sellar tumours. An updated cost analysis. *5th World Congress for Endoscopic Surgery of the Brain, Skull Base and Spine. – April 2012, Vienna, Austria*
22. Khetani J, Banglawala SF, Sommer DD, Reddy K. Purely endoscopic vs. Endoscopic assisted approaches to sellar tumours. A cost analysis. *63rd Meeting of Canadian Society of Otolaryngology – May 2009. Halifax, NS, Canada.*
23. Yassin A, Reddy K, Sommer D. Transnasal Endoscopic Approach for Skull Base Meningiomas. *43rd Congress of the Canadian Neurological Sciences Federation. June 2008. Victoria, Canada.*
24. Lui B, Afia AU, Sommer DD, Parameswaran N. Paranasal sinus bony structures and sinus function in prednisone-dependent asthma: Is there a relationship? *Canadian Society of Otolaryngology – May, 2008. Jasper, Canada.*
25. Lee AY, Sommer DD, Lo B, Reddy K, Murty N. Endoscopic Transnasal Approach to the Craniocervical Junction. *Canadian Society of Otolaryngology – May, 2007. Montreal, Canada.*
26. Minet W, Holler T, Sommer D. Endoscopic Transnasal Drainage of Epidural Frontal Abscesses. *Canadian Society of Otolaryngology – May, 2006. Kelowna, Canada.*
27. Davids T, Sommer D. A Survey of Current Perspectives on Laryngopharyngeal Reflux Among Canadian Otolaryngologists. *Canadian Society of Otolaryngology – May, 2006. Kelowna, Canada.*
28. Yousuf K, Lui B, Lemckert R, Sommer D. Recurrent Adult Epiglottitis: Contiguous Spread from Group A Streptococcus Lingual Tonsillitis. *Canadian Society of Otolaryngology – May, 2005. St. Johns, Canada*

29. Chan J, Irish J, Wood SJ, Sommer D, Brown D, Gullane P, O'Sullivan B. Smoking Cessation in Patients Diagnosed with Head & Neck Cancer. *Canadian Society of Otolaryngology* – May, 2000. Toronto, Canada. *The Journal of Otolaryngology*. 2000;29(suppl. 1):38.
30. Sommer L., Irish J., Lin V., Sommer D. Patient Perception of Risk Factors in Head and Neck Cancer: Effect of an Educational Intervention. *Canadian Society of Otolaryngology* – May, 2000. Toronto, Canada. *The Journal of Otolaryngology*. 2000;29(suppl. 1):27.
31. Sommer L, Silverman J, Dickstein J, Fink A, Robicsek A, Sommer D, Kruger J, Greenberg A, Iscoe S, Volgyesi G, Fisher J.A. Simple Passive System to Keep PCO₂ Constant Despite Increased Minute Ventilation. *American Thoracic Society* – May, 1996. New Orleans, USA. *American Journal of Respiratory and Critical Care Medicine*. 1996;153(4):A786.
32. Dickstein J., Fisher J.A, Iscoe S., Greenberg A., Kruger J., Robicsek A., Silverman J.A., Sommer L.Z., Sommer D.D., Volgyesi G.A. PaCO₂ Affects Tracheal Tone During Apnea. *American Thoracic Society* – May, 1995. Seattle, WA, USA. *American Journal of Respiratory and Critical Care Medicine*. 1995;151(4):A640.
33. Sommer D.D., Nedzelski J, Shipp D. CT Scan for Evaluation of Cochlear Implant Candidates. *Canadian Society of Otolaryngology* – June, 1995. St. Andrews by the Sea, N.B., Canada.
34. Andrighetti S., Fisher J.A., Sommer D.D., et al. Point of Care Obstetrical Record Program. *FIGO '94 - XIV World Congress of Gynecology and Obstetrics*, Montreal, Quebec, Canada. September, 1994. Poster and Demonstration.

PRESENTATIONS AT MEETINGS

Peer Reviewed Presentations

1. Potentials & limitations of endoscopic endonasal orbital surgery. A Shahzada, D Lubbe, T Szaloki, A Sieśkiewicz, K Moe, G Sollini, D Sommer. 30th Congress of the European Rhinologic Society. June 2025, Budapest, Hungary.
2. Transorbital approaches for skull base and intracranial lesions. Anatomical Considerations. Welkoborsky H, Sommer D, Lubbe D, Moe K. 30th Congress of the European Rhinologic Society. June 2025, Budapest, Hungary.
3. Extent of Endoscopic Sinus Surgery for CRSwP. Thamboo A, Sommer DD, K Smith. Canadian Society of Otolaryngology - 79th Annual Meeting. June, 2025. Fredricton, NB, Canada.
4. Extended ESS vs limited ESS for CRS – any evidence? Snidvongs K, Tran T, Staibano P, Nguyen TBV, Sommer DD. Taiwan Rhinologic Society Annual Meeting. October, 2024. Taipei, Taiwan.
5. A Systematic Review of Structured Histo-pathology Reporting in Chronic Rhinosinusitis (CRS) Patients: Implications for Disease Prognosis and Treatment. Lampasona G, Sommer D, Owen G, Khalife S, AlAmmar Y. Canadian Society of Otolaryngology - 78th Annual Meeting. June, 2024. Montreal, Quebec.
6. Diversity in the Evidence Supporting the Use of Biologics in Chronic Rhinosinusitis. Al-Ammar Y, Sommer E, Mohd Slim A, Haidar A, Sommer D. Canadian Society of Otolaryngology - 78th Annual Meeting. June, 2024. Montreal, Quebec.
7. 2022: The Unprecedented Peak in Complicated Pediatric Rhinosinusitis Cases and the Return to PrePandemic Patterns. Zagury-Orly I, Sommer D, Sowerby L, Xie M. Canadian Society of Otolaryngology - 78th Annual Meeting. June, 2024. Montreal, Quebec.
8. Deep temporal muscle & pericranial flap as a novel reconstruction technique for the anterior and middle cranial fossae following transorbital neuroendoscopic surgery. Mohd Slim A, Sommer D, Yasuda E, Reddy K, AlAmmar Y. Canadian Society of Otolaryngology - 78th Annual Meeting. June, 2024. Montreal, Quebec.
9. Multiplexed immunofluorescence imaging of tertiary lymphoid organs in the human nasal polyp. Colautti J, Koenig J, Jordana M, Sommer D, Olynth V. American Association of Immunologists Annual Meeting. May 2024, Chicago, USA.
10. Abdallah Z, Staibano P, Zhou K, Khalife S, Nguyen TBV, Sommer DD. Tranexamic acid in endoscopic sinus and skull base surgery: A systematic review and meta-analysis. 77th Meeting of Canadian Society of Otolaryngology – Sept 2023. Toronto, Canada.
11. Khalife S, Abdallah Z, Staibano P, Zhou K, Nguyen TBV, Sommer DD. Tranexamic acid in endoscopic sinus and skull base surgery: A systematic review and meta-analysis. 69th Annual Meeting of American Rhinologic Association – Sept 2023. Nashville, USA.
12. Levin M, Chan Y, Sommer D, Thamboo A, Lee J. Surgical completeness in AERD patients. American Rhinological Society - 68th annual meeting. Sept, 2022. Philadelphia, USA. Awarded 3rd place research project award.
13. Levin M, Chan Y, Sommer D, Thamboo A, Lee J. Quantifying Surgical Completeness in Patients with Aspirin Exacerbated Respiratory Disease. *Canadian Society of Otolaryngology - 76th annual meeting*. Oct, 2022, Vancouver, Canada.

14. Levin M, Brace M, Sommer D, Roskies M. Operating Room Noise and Team Communication During Facial Plastic and Reconstructive Surgery: A Multicenter Study. Poliquin Competition. *Canadian Society of Otolaryngology 75th Annual Meeting*. September, 2021. Canada.
15. Levin M, Zhou K, Pugi J, Sommer E, Purohit H, Wells J, Sommer D. Comparing Noise Levels in the Operating Room Among Different Surgical Team Members During Endoscopic Sinus Surgery. *Canadian Society of Otolaryngology 74th Annual Meeting*. October, 2020. Canada.
16. Quality of Life Following Endoscopic Resection of Malignant Skull Base Neoplasms. Mohajeri S, Chan T, Zhang H, Sommer D. *Canadian Society of Otolaryngology 74th Annual Meeting*. October, 2020. Canada.
17. Levin M, Sommer DD. Quantifying Variations in Nasal Endoscope Ocular Assembly and Light Post Temperatures. *Rhinoworld Congress*. June, 2019. Chicago, USA.
18. Yang K, Ellenbogen Y, Kim J, Rodriguez A, Algird A, Sommer D, Reddy K. Visual outcomes after expanded endoscopic endonasal resection of anterior skull base meningiomas. *North American Skull Base Society Meeting*. February, 2019. Orlando, USA.
19. Jiménez-Saiz R, Ellenbogen Y, Bruton B, Spill P, Sommer DD, Wasserman S, Patil S, Shreffler W, Jordana M. BCR analysis of single-sorted, putative IgE+memory B cells reveals their trivial existence. *Food Allergy and Anaphylaxis Meeting*. October 2018. Copenhagen, Denmark.
20. Sommer DD, Sowerby L, Savage J, Chung F. Perioperative Management of Sleep Apnea in Otolaryngologic Surgery - Post-operative CPAP following endoscopic endonasal skull base surgery. *Canadian Society of Otolaryngology Meeting*. June 2018. Quebec City, Canada.
21. Cotrell J, Yip J, Chan Y, De Almeida J, Janjua A, Kilty S, Lee J, MacDonald K, Meen E, Rudmik L, Sommer DD, Sowerby L, Tewfik M, Vescan A, Monteiro E. Quality Indicators For The Management Of Chronic Rhinosinusitis. *American Rhinological Society Annual Meeting / COSM*. April, 2018. National Harbor, MD, USA.
22. Sommer DD, McHugh T, Newman M, Reddy K. Early onset Juvenile Nasal Angiofibroma and its endoscopic treatment. *North American Skull Base Society Meeting*. February, 2018. San Diego, USA.
23. Ramakrishna J, Sommer D, Arbabtafti S. Analysis of Adult endoscopic sinus surgery operative flow: opportunities for improved safety and efficiency. *European Rhinology Society Meeting*. July 2016. Stockholm, Sweden.
24. Nayan S, Desrosiers M, Sommer D, Tewfik M, Witterick I, Wright E. The chronic sinusitis action plan - A patient self-education instrument. *American Rhinological Society, American Academy of Otolaryngology annual meeting*. Sept 2015. Dallas, USA.
25. Wong J, Hoffbauer S, Yeh D, Rotenberg B, Gupta M, Sommer D. The Usefulness of Routine Histopathology of Bilateral Nasal Polyps - a Systematic Review and Meta-Analysis. *Canadian Society of Otolaryngology*. June 2015. Winnipeg, Canada.
26. Treatment of Aspirin Exacerbated Respiratory Disease with a Low Salicylate Diet – A Multi-center Randomized Control Cross-over Trial. Nayan S, Rotenberg BW, Sowerby LJ, Lee JM, Janjua A, Witterick IJ, Monteiro E, Gupta MK, Au M, Sommer DD. *American Rhinological Society Annual Meeting*. May 2015. Boston, USA. **Winner of Top Clinical Science Research Award - ARS.**
27. Banglawala S, Schlosser R, Morella K, Chandra R, Khetani J, Poetker D, Rayar M, Rudmik L, Sautter N, Sommer D, Smith T, Soler Z. Qualitative Development of the Sinus Control Test: A Survey Evaluating Sinus Symptom Control. *American Rhinological Society*. May 2015. Boston, USA.

28. Nayan S, Sommer DD, Rotenberg B, Vescan A, Witterick I, Sowerby L, Janjua A, Arbabtafti S. Low Salicylate Diet for Aspirin Exacerbated Respiratory Disease – a Preliminary Experience. *European Rhinology Society*. June 2014. Amsterdam, Netherlands.
29. Yeh D, Wong J, Rotenberg B, Sommer D. The Utility of Routine Histopathology for Nasal Polyps in Endoscopic Sinus Surgery for Chronic Rhinosinusitis. *American Rhinological Society*. May 2014. Las Vegas, USA.
30. Ramakrishna J, Strychowsky JE, Gupta MK, Sommer DD. Sialendoscopy for the Management of Juvenile Recurrent Parotitis: A Systematic Review & Meta-Analysis. *American Society of Pediatric Otolaryngology*. May 2014. Las Vegas, USA.
31. Cohen N, Koren G, Lapner S, Sommer DD. NSAIDs and Tonsillectomy: A Systematic Review and Meta-Analysis of the Literature Addressing Pain. *Canadian Society of Otolaryngology-Head and Neck Surgery*. May 2014. Ottawa, ON, Canada.
32. Cohen N, Sommer D, Moitri M. Levels of Evidence in Otolaryngology: A Comparative Review. *Canadian Society of Otolaryngology-Head and Neck Surgery*. May 2014. Ottawa, ON, Canada.
33. Rebelo J, Sommer DD, Nayan S, Dalvi A, Choong K, Fulford M. Controversies in the Management of Pediatric Thrombotic Complications in the Head and Neck: A case series and literature review. *Canadian Society of Otolaryngology-Head and Neck Surgery*. June 2013. Banff, AB, Canada.
34. Gill M, Banglawala S, Dhillon N, Sommer DD, Gupta M. Nasal packing after septoplasty: Respiratory Effects. *Canadian Society of Otolaryngology-Head and Neck Surgery*. June 2013. Banff, AB, Canada.
35. Ramakrishna J, Riggin L, Koren G, Sommer DD. 2013 Updated Systematic Review and Meta-analysis of 36 Randomized Controlled Trials; No Apparent Effects on Non Steroid Anti-Inflammatory Agents on the Risk of Bleeding after Tonsillectomy. *Canadian Society of Otolaryngology-Head and Neck Surgery*. June 2013. Banff, AB, Canada.
36. Macdonald K, Witterick I, Rotenberg B, Wright E, Kilty S, Sommer DD, Nayan S, Vescan A. The HVSI STUDY: High Volume Saline Irrigation in the Early Post-operative Management of Chronic Rhinosinusitis. A Multicenter Randomized Single-Blind Controlled Trial. *Canadian Society of Otolaryngology-Head and Neck Surgery*. June 2013. Banff, AB, Canada.
37. Nayan S, Gupta M, Sommer DD. Evaluating Smoking Cessation Interventions and Cessation Rates in Cancer Patients: A Systematic Review and Meta-Analysis. *American Otolaryngology and Head and Neck Surgery Annual Meeting*. September, 2012. Washington DC, USA
38. J Strychowsky, M Moitri, M Gupta, D Sommer. Incisionless Otoplasty: A retrospective review and outcomes analysis. *Canadian Society of Otolaryngology*. May 2012. Toronto, ON, Canada.
39. Sommer DD. Pediatric endoscopic skull base surgery – applications & limitations. *International Pediatric Otolaryngology Update*. May 2012, Montreal, PQ
40. Banglawala SF, Gupta M, Sommer DD. Nasal packing is it necessary - A meta-analysis. *Combined Otolaryngologic Society Meeting*. April, 2012. San Diego, USA.
41. Khetani J, Madadi P, Sommer DD, Sistonen J, Reddy D, Ross C, Carleton B, Hayden C, Koren G. Apnea In Children treated with Opioids after Adenotonsillectomy for Obstructive Sleep Apnea Syndrome: A Prospective Study. *Joint Wellcome Trust-Cold Spring Harbor Pharmacogenomics and Personalized Medicine Conference* - October, 2011. Hinxton, UK.
42. Cohen N, Sommer D, Strychowsky J, Reddy K, Gupta M. Endoscopic Cerebrospinal Fluid Leak Repair: A Systematic Review and Meta-Analysis. *Canadian Society of Otolaryngology*. May 2011. Victoria, BC, Canada.

43. Strychowsky J, Sommer D, Cohen N, Gupta N. Sialendoscopy for the Management of Obstructive Salivary Gland Disease: A Systematic Review and Meta analysis. *Canadian Society of Otolaryngology*. May 2011. Victoria, BC, Canada.
44. Sommer DD. Endoscopic management of epistaxis – Sphenopalatine and Anterior Ethmoid Artery Ligation. *12th Asia-Oceania Otolaryngology Congress*. March 2011. Auckland, New Zealand.
45. Strychowsky J.E., Nayan S., Reddy K., Farrokhyar F., Sommer D. Purely Endoscopic Transsphenoidal Surgery versus Traditional Microsurgery for Resection of Pituitary Adenomas: A Systematic Review. *Canadian Society of Otolaryngology*. May 2010. Niagara Falls, Canada.
46. Nayan S, Sommer D, Strychowsky J.E. Botulinum Toxin A in the Management of Excessive Sialorrhea in Neurologically Disabled Pediatric Patients: A Systematic Review - S. Nayan, D. D. Sommer, J.E. Strychowsky *Canadian Society of Otolaryngology*. May 2010. Niagara Falls, Canada.
47. Kamian K, Reddy K, Sommer DD. Trans-nasal endoscopic decompression of the optic nerves – preliminary experience at McMaster University. *44th Congress of the Canadian Neurological Sciences Federations*. June 2009. Halifax, NS, Canada
48. Lui B, Sommer DD, Nair P. Paranasal Sinus Disease and Airway Inflammation in Predinsone-Dependent Asthma. *Rhinology World Conference* - April 2009. Philadelphia, USA
49. Chiodo A, Ngo K, Smith O, El-Masri W, Sommer D. Clinical Experience with an Autoregistration Mask in Image Guided Sinus Surgery. *Canadian Society of Otolaryngology* – May, 2008. Jasper, Canada.
50. Minet WW, Sommer DD, Yousuf K, Reddy K, Midia M. Retrospective Comparison of Endoscopic Assisted vs Purely Endoscopic Approach to Sellar Tumor Resection. *Canadian Society of Otolaryngology* – May, 2006. Kelowna, Canada.
51. Ngo K, Chiodo A, Sommer DD. Image Guidance Systems in Endoscopic Sinus Surgery – Mask versus Fiducial Registration. *Percy Ireland Academic Day*. University of Toronto. Toronto, Ontario, Canada. May, 2005.
52. Sommer DD. Pediatric Upper Airway Emergencies: Take a Deep Breath. *McMaster Pediatric Emergency Conference 2002*. Hamilton Convention Centre. McMaster University, Hamilton, Ontario, Canada. June, 2002.
53. Sommer DD. Common Pediatric Indications for Referral to Otolaryngologists. *McMaster University Pediatric Update 2001*. Inn on the Twenty. McMaster University, Hamilton, Ontario, Canada. October, 2001.
54. Sommer DD, Marcells GN. Aesthetic Applications of Botox. *Essentials of Facial Plastic Surgery – Australasian Academy of Facial Plastic Surgery*. Sydney University. Sydney, Australia. October, 2000.
55. Sommer D.D., Irish J.C., Gullane P.J. Smoking Cessation in Head & Neck Cancer Patients. *Percy Ireland Academic Day*. University of Toronto. Toronto, Ontario, Canada. May, 1998.
56. Sommer D.D., Fisher J.A., Sommer L.Z., Andrighetti S., Halpern M. World of Interactive Medicine (WIM) a Point of Care Multidisciplinary Database. *Ernst and Young - Canadian Productivity Awards*. Toronto, Ontario, Canada. September, 1994.
57. Fisher J.A., Volgeysi G., Sommer D.D., Robiscek A., Silverman J., Sommer L.Z. Dynamic Measurement of Canine Tracheal Diameter and The Effect of Control of Respiration on Tracheal Smooth Muscle Tone and Dead Space. *University of Toronto Respiratory Research in Progress Seminar Series*. Toronto, Ontario, Canada. March, 1994.

58. Sommer D.D. and Fisher J.A. Improvised Automatic Lung Ventilation for Unanticipated Emergencies. 8th *World Conference on Emergency and Disaster Medicine*, Stockholm, Sweden. June, 1993.

Presentations - Education

- Sommer DD/Reddy K. Course coordinators. *McMaster Endoscopic Skull Base Surgery Course*. Sept, 2025. Hamilton, ON, Canada.
- Sommer DD/Reddy K. Course coordinators. *McMaster Transorbital Endoscopic Surgery Course*. June, 2025. Hamilton, ON, Canada.
- Sommer DD, Reddy K. Trans-Orbital Endoscopic Surgery – Trials, Tribulations and Tips. *5th International Workshop of Endoscopic Transorbital Skull Base Surgery*. October, 2024. Salerno, Italy.
- Physician Heal Thyself – Surgical Ergonomics for the Sinus and Skull Base Surgeon. *78th Annual Meeting of the Canadian Society of Otolaryngology*. June, 2024. Montreal, Quebec.
- Prevention and Management of Endoscopic Sinus Surgery Complications. *McGill Sinus Endoscopic Sinus Surgery Course*. May, 2024. Montreal, Quebec, Canada.
- Complications of Endoscopic Skull Base Surgery. Sommer DD. *McMaster Endoscopic Transnasal/Transorbital Skull Base Course* – lectures and anatomical dissections. Course co-organizer with Dr. K Reddy. May, 2024. McMaster University, Canada.
- De Notaris M, Kassam AB, Sommer DD. Endoscopic live transorbital dissection. *Transorbital Translational Masterclass – A Neurosurgical Perspective*. Sept, 2023. Salerno, Italy.
- Sommer DD. Endoscopic Orbital Surgery. *North American Masterclass in Endoscopic Sinus Surgery*. Sept, 2023. Montreal, QC.
- Sommer DD. Panel: Biologics, Anosmia, and a Pandemic, What Else is New since the Last Masterclass? *North American Masterclass in Endoscopic Sinus Surgery*. Sept, 2023. Montreal, QC.
- Sommer DD. Vascular, orbital complications in extended endonasal and transorbital endoscopic skull base surgery. *McMaster Endoscopic Transnasal/Transorbital Skull Base Course* – lectures and anatomical dissections. Course co-organizer with Dr. K Reddy. April, 2023. McMaster University, Canada.
- Sommer DD. Endoscopic Skull Base Approaches to the Sella Turcica – review of complications. *McMaster Day in Pituitary*. March, 2023. McMaster University, Canada
- Sommer DD, Vescan A, Sowerby L, Tewfik M. Anterior endoscopic sinus surgery. Cadaveric dissection, demonstrations. *Stryker Eastern Canada Sinus Course*. McMaster University. May, 2022. Canada.
- Sommer DD. *Invited Professor, Grand Rounds*. Epistaxis and Endoscopic Management of Bleeding during Endoscopic Sinus Surgery. University of Alberta, Department of Otolaryngology. May, 2022. Canada.
- Sommer DD. Complications in Endoscopic Skull Base Approaches to the Sella Turcica. *McMaster Day in Pituitary*. April, 2022. McMaster University, Canada.
- Sommer DD (workshop organizer), Bleier B, Sowerby L. Workshop: COVID-19 and Aerosol Generating Procedures in the Clinic and Operating Room. *Canadian Society of Otolaryngology 75th Annual Meeting*. September, 2021. Canada.
- Sommer D, Sowerby L, Desrosiers M, Janjua A, Chandra R. Contemporary Management of Aspirin-Exacerbated Respiratory Disease – Adjunctive therapies in AERD. *Canadian Society of Otolaryngology 74th Annual Meeting*. October, 2020. Canada.

- Sommer DD. Management of Epistaxis and Orbital Compartment Syndrome. *Emergencies in Otolaryngology - Head & Neck Surgery Bootcamp*. University of Western Ontario. September, 2020. London, Canada. (online).
- Chan Y, Angel D, Aron M, Hartl T, Moubayed SP, Smith KA, Sommer DD, Sowerby L, Spafford P, Mertz D, Witterick IJ. Otolaryngology Office/Clinic Preparedness Approach with Practical Tips for the COVID-19 Pandemic. *Canadian Society of Otolaryngology Webinar Series*. June, 2020. Toronto, Canada. (online).
- Sommer DD, Witterick IJ, Lavigne F, Hartl T, Janjua A. Practical Recommendations for the Operating Room during the COVID-19 Pandemic. Canadian ENT Virtual Round Table - Perspectives on the 'new normal' for Otolaryngology and Endoscopy in the Covid-19 Era. May, 2020. *Medtronic COVID-19 Webinar series*. Vancouver, BC, Canada. (online).
- Sommer DD, Lee J, Vescan A. Trans-orbital endoscopic decompression. *Rhinology 2020 Update*. University of Toronto. February, 2020. Toronto, Canada.
- Tewfik M, Valentine R, Chen P, Macias-Vallee L, Neil Tan, Weitzel E, Valentine R, Sommer D, Rotenberg B, Nair S, Wormwald PJ. *North American Masterclass in Endoscopic Management of Vascular Injuries Workshop*. Faculty & lab demonstrator. September, 2019. Montreal, Canada.
- Sommer DD. The Eye – Transnasal and transorbital endoscopic approaches for rhinologists. *North American Masterclass in Endoscopic Sinus Surgery*. September 2019. McGill University. Montreal, Canada.
- Sommer DD. Invited Professor. Update on New Advances in Epistaxis Management – Flowable hemostatic agents and surgical advances. National ORL rounds. Chulalongkorn University - Bangkok, Thailand. (video-conferenced to 5 remote ORL residency programs). August, 2019.
- Reddy K, Tewfik M, Sommer D. Endoscopic skull base surgery introductory course. *54th Canadian Neurological Sciences Federation Meeting*. Faculty & lab demonstrator. Montreal, Canada. June, 2019.
- Sommer DD. Invited Keynote Speaker. Epistaxis and Endoscopic Hemostasis – sorting through the treatment options. *24th Annual McGill University Update in Otolaryngology*. Tremblant, Quebec, Canada. March 2019.
- Sommer DD. Invited Professor, Chulalongkorn University – *National Rhinology Rounds*. (video-conferenced to 3 remote ORL residency programs). February, 2019 Bangkok, Thailand.
- Sommer DD. Prevention of endoscopic sinus surgery complications. *Western University Course in Sinus Surgery*. August, 2018. London, Canada.
- Sommer DD, Monteiro E. Antrostomy, Ethmoidectomy, Sphenoidotomy – Techniques. *University of Toronto – Rhinology Forum*. April, 2018. Toronto, Canada.
- Sommer DD. Sialoendoscopy – How I do it. *University of Toronto – Otolaryngology Update*. February, 2018. Toronto, Canada.
- Sommer DD. Transorbital endoscopic surgery – around the eye . *North American Masterclass in Endoscopic Sinus Surgery*. September 2017. Montreal, Canada.
- Sommer DD. Endoscopic optic nerve decompression . *North American Masterclass in Endoscopic Sinus Surgery*. September 2017. Montreal, Canada.
- Sommer DD. Epistaxis management. *Emergencies in Otolaryngology - Head & Neck Surgery Bootcamp*. University of Western Ontario. Course supervisor – Dr. K Fung. London, ON, Canada. Sept 2016.
- Dr. N. Cohen, Dr. J. Schwartz, Dr. D. Sommer, Dr. R. Varshney. Facial pain in rhinology. Rhinology Panel – Panelist. *21st Annual McGill University Update in Otolaryngology*. Tremblant, Quebec, Canada. March 2016.

- Sowerby L, Chan Y, Lee J, Sommer D. How to Avoid Complications in ESS, and How to Deal With Them When They Occur - Workshop. *Canadian Society of Otolaryngology*. June 2016. Charlottetown, Canada.
- E. Wright, Gall R, Sowerby L, Sommer D, Tewfik M. Surgical Management of Chronic Rhinosinusitis: How Much is Enough? Workshop. *Canadian Society of Otolaryngology*. June 2016. Charlottetown, Canada.
- Tewfik M, Wormwald PJ, Chen P, Weitzel E, Valentine R, Sommer D, Padhye V, Nair S, Witterick I, Valdez C, Psaltis A. *North American Masterclass in Endoscopic Management of Vascular Injuries Workshop*. September, 2015. Montreal, Canada.
- Sommer DD. Endoscopic approaches to the clivus and craniocervical junction. *North American Masterclass in Endoscopic Sinus Surgery*. September 2015. Montreal, Canada.
- Janjua A, Sommer D, Lee J. Tips to Minimize Pitfalls, Maximize Safety and Improve Outcomes for Your Sinus Surgery Patients – Workshop. *Canadian Society of Otolaryngology*. June 2015. Winnipeg, Canada.
- Sommer DD. Sialoendoscopy -Techniques, Evidence and the Canadian Experience. University of Western Ontario, Dept. of Otolaryngology – Head & Neck Surgery. Visiting Professor. May 2015. London, ON.
- Sommer DD. Skull base and Sinus Surgery Complications – avoidance and management. University of Western Ontario, Dept. of Otolaryngology – Head & Neck Surgery. Visiting Professor. May 2015. London, ON.
- Cohen N, Sommer D. Chronic sinusitis for the allergy specialist. McMaster University Allergy Rounds. Hamilton, ON. March 2015.
- Sommer DD. Epistaxis management. Emergencies in Otolaryngology - Head & Neck Surgery Bootcamp. University of Western Ontario. Course supervisor – Dr. K Fung. London, ON, Canada. Sept 2014.
- Sommer DD. Management of Major Sinus Surgery Complications. 12th Annual Otolaryngology Sinus Surgery Course. Winnipeg, Manitoba, Canada. July, 2014.
- Nahlieli O, Daniel S, Abboud O, Sommer DD. Practical Sialoendoscopy Workshop. International Endoscopy Day. McGill University Department of Otolaryngology, Head and Neck Surgery. Montreal, Quebec, Canada. June 2014.
- Sommer DD. Emergencies in Otolaryngology - Head & Neck Surgery Bootcamp. University of Western Ontario. Course supervisor – Dr. K Fung. London, ON, Canada. Sept 2013.
- Sommer DD. North American Masterclass in Endoscopic Sinus Surgery – Course faculty / Surgical dissections demonstrator. McGill University Department of Otolaryngology, Head and Neck Surgery. Montreal, Quebec, Canada. June 2013.
- Sommer DD. Sialoendoscopy and the Canadian Experience. University of Ottawa, Dept. of Otolaryngology – Head & Neck Surgery. Visiting Professor. November 2012. Ottawa, ON.
- Sommer DD. Cosmetic Rhinoplasty. University of Ottawa, Dept. of Otolaryngology – Head & Neck Surgery. Visiting Professor. November 2012. Ottawa, ON.
- Sommer DD. Endoscopic Sphenoid Sinus Surgery. Moderator. Managing Endoscopic Sinus Surgery Complications. Panelist. Advanced Sinus Surgery Course. University of Toronto. May 2012. Toronto, ON.
- Sommer DD. Repair of endoscopic skull base defects. Endoscopic Skull Base Surgery Course. April 2012, Hamilton, Canada. Course co-coordinator.

- Sommer DD. Vascularized Flaps in Endoscopic Management of CSF leaks. Endoscopic Skull Base Surgery Course. April 2011, Hamilton, Canada. Course co-coordinator.
- Sommer DD. Management of Complications - CSF leak repair. CSTAR Endoscopic Sinus Surgery Update Course. May, 2010. London, Ontario.
- Sommer DD. Endoscopic Management of CSF leaks. McMaster Minimally Invasive Skull Base Course. April 2010, Hamilton, Canada. Course co-coordinator.
- Sommer DD. Endoscopic Sphenopalatine Artery Ligation and Septal Mucosal Flap. University of Toronto Advanced Sinus Surgery Course. June 2009. Toronto, ON, Canada.
- Sommer DD. Endoscopic Optic Nerve Decompression and Petrous Apex Approaches. University of Toronto Advanced Sinus Surgery Course. June 2009. Toronto, ON, Canada.
- Sommer DD. Endoscopic Skull Base Surgery. Chaim Sheeba Medical Center – Tel Aviv University. March, 2008. Tel Aviv, Israel.
- Sommer DD. Endoscopic approaches to pituitary pathologies. Disorders of the Pituitary Gland and Skull Base. May 2005-13. Hamilton, Canada. Course co-coordinator.

Other Invited Presentations

1. Bolozneva E, Kim DY, Sommer DD, Langdon C, Holzmann D, Vroegop A. Management of paediatric sinonasal tumours. 30th Congress of the European Rhinologic Society. June 2025, Budapest, Hungary.
2. Sommer DD. Endoscopic Orbital Surgery – Around the Eye. Invited Keynote Speaker – University of Alberta, *Department of Otolaryngology Annual Research Day*. May, 2022. Canada.
3. Sommer DD. Optimizing use of powered instrumentation in Endoscopic Sinus Surgery. *Stryker Eastern Canada Sinus Course*. McMaster University. May, 2022. Canada.
4. Anderson JA, Sommer DD, Kost K, Davids T. Revisiting tracheostomy protocols during the Covid-19 pandemic. *University of Toronto Grand Rounds*. February, 2021. University of Toronto, Toronto, Canada.
5. Sommer D. Surgical Video Pearls. Trans-orbital endoscopic orbital decompression. *Rhinology update*. February, 2020. University of Toronto, Toronto, Canada.
6. Sommer D, Georgalas C, Joe S, Singh A, Zada G, Nyquist G. Update on Management of Pituitary Neoplasms – Pediatric Considerations. *Rhinoworld*. June, 2019. Chicago, USA.
7. Sommer DD. Endoscopic skull base surgery – Around the eye. Keynote address of the *Thai Rhinology Society Meeting*. August 2018. Bangkok, Thailand.
8. Sommer DD. Endoscopic approach to upper c-spine and craniocervical junction. *Thai Rhinology Society Meeting*. August 2018. Bangkok, Thailand.
9. Sommer D, Rotenberg B, Tewfik M, Kilty S, De Almeida J. Where to Draw the Line: Advanced Endonasal Approaches to Sino-Nasal Tumours, Skull Base Lesions and Orbital Pathologies Panel coordinator. *Canadian Society of Otolaryngology Annual Conference*. June 2016. Charlottetown, PEI.
10. Sommer D, Rotenberg B, Sowerby L, Tewfik M, Stammberger H. Demystifying the frontal sinus – case presentations, discussion and panel moderator. *University of Toronto. Rhinology Update 2015*. Toronto, Canada.
11. Sommer D, Vescan A, Rotenberg B, Chan Y, Sowerby L, Stammberger H, Witterick I. Panelist – i. Pearls in Avoiding Sinus Surgery Complications. ii. Ask the Experts: Controversies in Rhinology through Case Discussion. University of Toronto. *Rhinology Update 2015*. Toronto, Canada.
12. Tewfik M, Weitzel E, Chen P, Sommer D. Frontal Sinus Masterclass. International Endoscopy Day. McGill University Department of Otolaryngology, Head and Neck Surgery. Montreal, Quebec, Canada. June 2014.
13. Chan Y, Sommer DD, Tewfik M, Janjua A, Lee J, Meen E. Demystifying the Frontal Sinus Through Practical Tips Workshop. Canadian Society of Otolaryngology-Head and Neck Surgery. Ottawa, ON, Canada. May 2014
14. Daniel S, El-Hakim H, Manoukian J, Sommer D, Massoud E. Pediatric Rhinology Panel – Panelist. 18th Annual McGill University Update in Otolaryngology. Tremblant, Quebec, Canada. March 2013.
15. Chan Y, Sommer DD, McDonald K, Lee J. Rhinitis Panel - Panelist. University of Toronto Dept. of Otolaryngology Update. Toronto, Ontario, Canada. February 2012.
16. Sommer DD, Rotenberg B, Lee J, Tewfik M, Masoud E. Pitfalls of Endoscopic Sinus Surgery – Identifying and Managing Complications Workshop. Workshop coordinator. Canadian Society of Otolaryngology Annual Conference. May 2012. Toronto, ON.

17. Sommer DD, Sommer LZ. Otolaryngology for the Emergency Physician. Flexible Laryngoscopy Workshop. Emergency Medicine Update. University of Toronto. May 2012. Toronto, ON.
18. Irvine R, Kolenda J, Froelich P, Sommer DD, Daniel S. Sialoendoscopy - instrumentation and techniques. Canadian Society of Otolaryngology-post conference course. May 2010. Niagara Falls, Canada.
19. Irvine R, Kolenda J, Nahlieli O, Sommer DD, Daniel S. Sialoendoscopy workshop and dissections. International Congress on Salivary Gland Disorders. October 2009. Montreal, Canada.
20. Daniel S, Korman SB, Manoukian J, Maxwell L, Ng C, Sommer DD. Interesting and Challenging Cases in Pediatric ORL. Canadian Society of Otolaryngology. May 2009. Halifax, Canada.
21. Irvine R, Sommer DD, Daniel S. Satellite Symposium - Salivary Gland Obstructions: Assessment and Management Including Endoscopic Techniques. Canadian Society of Otolaryngology. May, 2008. Jasper, Canada.
22. Sommer DD, Chiodo A., Fenton R.S., Blaser S., Crysdale W.S. Paranasal Sinus, Rhinology Panel. University of Toronto Dept. of Otolaryngology Alumni Day. Toronto, Ontario, Canada. October, 2002.

SCHOLARLY AND PROFESSIONAL ACTIVITIES

Journal Referee/Editorial Board

2021	Reviewer Clinical Otolaryngology
2018	Reviewer PLOS One
2015 - present	Reviewer, CMAJ (Canadian Medical Association Journal)
2014 - 2015	Reviewer Allergic Rhinitis Clinical Practice Guidelines – American Academy of Otolaryngology
2013 - present	Editorial Board, BMC Pediatrics
2010 - present	Reviewer, American Journal of Rhinology and Allergy
2012 - present	Reviewer, International Forum of Allergy and Rhinology
2011 - present	Reviewer, Pediatrics (Journal of the American Academy of Pediatrics)
2006 - present	Reviewer, Journal of Otolaryngology – Head & Neck Surgery
1994	Reviewer - University of Toronto Medical Journal.

External Grant Reviewer

2016 – 2017	Hodge award reviewer, Canadian Society Otolaryngology
2013 – 2015	Fellowship grant reviewer, Canadian Society Otolaryngology
2011 - 2018	Grant Reviewer, Sjogren's Society of Canada
2010 -2011	Grant Reviewer, Physicians' Services Incorporated/PSI Foundation

Executive Positions

2023 – 2025	International Committee – Endoscopic Transorbital Society
2020 - 2023	Royal College of Physicians and Surgeons of Canada – Standard setting panel, fellowship examinations
2015 - 2022	Member Subspecialty Committee - Royal College of Physicians and Surgeons of Canada - Otolaryngology / HNS – Fellowship examination representative
2015 - 2022	Chief examiner - Royal College of Physicians and Surgeons of Canada - Otolaryngology / HNS – English section – Fellowship certification examination
2013 - 2015	Chair / Section Head – Rhinology Section, Canadian Society of Otolaryngology
2013 – 2015	Member – Fellowship Grant Committee, Canadian Society of Otolaryngology

2006 - 2018	Member, Canadian Sjogren's Society Medical Advisory Board
1999 - 2000	Chairman of Residency Committee for the Canadian Society of Otolaryngology – Head & Neck Surgery (CSO-HNS).
1991-93	Co-chair of Committee for Curriculum Renewal for traditional undergraduate medical curriculum, University of Toronto.

Other

2020-present	Fellowship Director – McMaster Advanced Rhinology and skull base surgery fellowship One year clinical high volume surgical fellowship – ongoing, 5 previous fellows
2023-present	Course co-director – McMaster Advanced Endoscopic skull-base and transorbital surgery courses
2021-23	Planning committee – McMaster Surgical Update Course
2021-23	Planning committee – McMaster Day in Pituitary Conference
2020-22	External mentor – University of Toronto Medical School, undergraduate program. Toronto, Canada.
2019	Moderator. Scientific podium presentations. Rhinoworld Congress. Chicago, USA.
2015 - 2022	Royal College of Physicians and Surgeons of Canada – Co-chair, Examination Board Committee. Otolaryngology Head & Neck Surgery fellowship examination.
2015,17,19	Demonstrator – Endoscopic vascular injuries course. <i>North American Masterclass in Vascular Injuries Workshop</i> . McGill University, Montreal, Canada.
2013-2015	Consultant. Patientordersets.com. Think research – surgery specific, standardized otolaryngology order sets for inpatient and outpatient surgical patients.
2011 - 2023	Course Co-organizer: “Endoscopic Skull Base Surgery” – Lectures and Anatomical Dissections – Invited speaker – Dr. A. Kassam. UPMC, University of Ottawa.
2012 - 2015	Member, Section Leader (Rhinology/Laryngology section) – Examination Committee, Examination Board. Royal College of Physicians and Surgeons of Canada - Otolaryngology / HNS.
2011 - 2015	Examiner - Royal College of Physicians and Surgeons of Canada – ORL.
2011	Reviewer, book – Thieme Medical Publishers: Current Concepts in Snoring and Obstructive Sleep Apnea: Diagnosis and Management.

2011 - 2014	Otolaryngology representative. Department of Surgery Research Advisory Committee, McMaster University.
2010	Course Co-organizer: “Endoscopic Surgery of the Skull Base” – Lectures and Anatomical Dissections – Invited speaker – Dr. P. Gardner. UPMC.
2007 - present	Co-organizer annual McMaster University Otolaryngology/Head & Neck Surgery postgraduate research day.
2008	Course Co-organizer: “Endoscopic Skull Base Surgery” – Lectures and Anatomical Dissections – Invited speaker – Dr. A Kassam. UPMC.
2007	Reviewer, book (revisions/editing): Becoming a Medical Doctor: Is it the Right Career Choice for You? MC Fabian (author). 2008. iUniverse (Pub.).
2006 - 2015	Otolaryngology advisor for T-Res Program (Resilience Software) – surgical case tracking software for post-graduate/resident trainees.
2005	Course Co-organizer: “Disorders of the Pituitary Gland and Skull Base” – Lectures and Anatomical Dissections – Invited speaker – Dr. A Kassam.
2003 - 2012	Organizer weekly otolaryngology teaching rounds and combined Radiology – Head & Neck Surgery rounds.
2003 - 2014	Co-organizer bimonthly otolaryngology journal club
2003 -	Otolaryngology postgraduate residency Clinical Teaching Unit supervisor McMaster University Medical Centre, Hamilton General Hospital sites.
2001 - present	Otolaryngology elective rotation supervisor – Undergraduate and postgraduate medical trainees McMaster University.
1997 - 2000	Instructor – Monthly lectures to medical students: various otolaryngologic topics including tracheostomy/airway, epistaxis, neck masses, dizziness.
1997	Anatomy Demonstrator – Head and Neck Section – University of Toronto, undergraduate medical curriculum.
1995 - 1998	Member Postgraduate Education Committee, Dept. of Otolaryngology, University of Toronto.
1993	Member of Admissions Committee, University of Toronto, Faculty of Medicine. Application evaluation and interview of candidates.
1992 - 4	Programmer and designer for World of Interactive Medicine (WIM) database computer program for Obstetrics/Gynaecology, Anaesthesia and Nursing departments at Mt. Sinai Hospital and Women’s College Hospital.

External Referee for Academic Promotion

2025	Dr. Deven Reddy – Case Western Reserve University, Cleveland, Ohio. Promotion to Associate Professor
2025	Dr. Micahel Au – McMaster University. Promotion to Associate Professor
2024	Dr. Martin Corsten – Dalhousie University, NS, Canada. Promotion to Full Professor
2023	Dr. Niklaus Wolter – Hospital for Sick Children, University of Toronto, Canada. Promotion to Associate Professor
2021	Dr. Kornkiat Snidvongs – Chulalongkorn University. Bangkok, Thailand. Promotion to Full Professor
2019	Dr. Brian Rotenberg – University of Western Ontario, Canada. Promotion to Full Professor
2018	Dr. John Lee – St. Michael’s Hospital. University of Toronto, Canada. Promotion to Associate Professor.

External Clinical Review

2024	Sinai Health – Department of Otolaryngology – Head & Neck Surgery. External review of Clinical Department, search for clinical chief of otolaryngology – Head and Neck Surgery.
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Ongoing Research Endeavours

Recent Trends of Complicated Pediatric Acute Rhinosinusitis: A Retrospective Cohort Study at McMaster University

Personalized selection of biologic agents for the treatment of CRSwNP

Diversity of geographic regions in research of biologics for CRSwNP

Genome wide analysis of Aspirin Exacerbated Respiratory Disease patients. Multi-centre trial. D Sommer, B Rotenberg, L Sowerby, M Tewfik, A Thamboo, G Pare.

Endoscopic Transorbital Skull Base surgery – anatomical landmarks and limitations

AREAS OF INTEREST

Research

- Surgical Ergonomics
- Clinical outcomes in:
 - Endoscopic transorbital skull base surgery
 - Endoscopic skull base, sinus surgery
 - Biologics in chronic sinusitis
 - Sialoendoscopy
- Inflammatory mediators in nasal polyposis, biologics
- Development, refinement and systematic review of surgical techniques in endoscopic skull base surgery, expanded endonasal approaches to CSF leaks, tumours, facial trauma, orbital and base of skull infections
- Surgical flow/process redesign/surgical safety checklists/operating room quality improvement
- Aspirin Exacerbated Respiratory Disease management, biochemical markers, genetics

Teaching/Education

- Fellowship Supervisor – McMaster Advanced Rhinology and Endoscopic Skull Base Surgery Fellowship (2020-present)
- Head of Clinical Teaching Unit for Otolaryngology / Head & Neck Surgery – McMaster and Hamilton General Hospital sites (2003-2020)
- Post-graduate residency education committee – McMaster University Otolaryngology / Head & Neck Surgery Residency Program (2003-present)
 - Involvement in development, planning and implementation phases
- Otolaryngology postgraduate weekly teaching sessions program coordinator – administration, topic selection, supervision
- Development, administration Otolaryngology / Head & Neck radiology teaching
- Minimally invasive surgical techniques – rhinology, endoscopic skull base/orbital, sialoendoscopy
- Journal club coordinator - administration, supervision, article selection (2003-2017)
- Royal College of Physicians and Surgeons of Canada – **Co-chair, Examination Board Committee**, Section Leader – Rhinology, Laryngology section head. Otolaryngology Head & Neck Surgery fellowship examination. Subspecialty committee member.

Clinical

- Minimally invasive surgery of the Head and Neck.
- Endoscopic Rhinology – adult and pediatric
 - Endoscopic Skull base surgery (Tumours, CSF leak repairs, infections, trauma) – adult and pediatric
 - Sialoendoscopy – adult and pediatric
- Facial Plastic/Reconstructive surgery – post-traumatic, cleft lip and revision nasal surgery, otoplasty.

COVID-19 related activities – March, 2020 – 2021

- **Capacity task force** – HHS (5 meetings/week)
 - PPE acquisition
 - Investigations of potential vendor sources
 - Contact and solicit donations from industry, community, military sources
 - Successfully assist in acquisition of over 1000 N95 masks
 - PPE reprocessing, coordinate with MDRD management regarding evidence and methods of N95 mask reprocessing techniques
- **Stewardship of Mechanical Ventilation task force - Head of research and innovation** (3-4 meetings/week)
 - Lead – Mike Kampen
 - Acquisition of ventilators/anesthetic machines, CPAP machines from external sources
 - Building a ventilator with Battlefield industries for use during pandemic, including design, Health Canada approval process and consultations with ICU, RT (daily meetings/discussions) –**provide additional 50-100 ventilator unit capacity in May, 2020**
 - Medical personnel/end user perspective, technical consultations
 - Coordinate with Dr. J Fisher (Thornhill Medical – Ventilator manufacturer) regarding use of ventilator for more than one patient and equipment needed for improvised ventilator supply
 - Other innovation projects discussed/evaluated
 - BiPAP machines as simple ventilators - MSH protocol - Dr. Pitarcaru - lead
 - Intubation/extubation hoods – multiple protocols - Dr. Dale Williams - lead
 - CPAP, high flow O₂ hoods to protect against viral aerosolization - Drs. C Davis, P McDonald – leads
 - Investigating AGMP risks, feasibility
 - Multiple patients per ventilator – multiple protocols - Claudia Pulin (RT), Drs. R. Whitlock, D. Sommer - leads
- **Stewardship of essential clinical items committee**
- **Intubation blades and sleeves subcommittee** (regarding anticipated shortages) (3 meetings/week)
 - Investigated, arranged contact and transfer of information from NYU Langome regarding reprocessing of intubation items and experiences re critical shortages of these items
 - Coordinated with MDRD, RT, front line physicians, ID regarding the collection, decontamination and reprocessing of essential video intubation equipment
- **Powered air purifying respirator (PAPR) subcommittee** (2-3 meetings / week)
 - Assist in clinical education and decontamination procedures knowledge transfer processes

- Coordinate with 3M regional supply chain management regarding acquisition of PAPRs for HHS
 - Involvement in development of official HHS policy document regarding PAPR utilization/deployment at 3 stages of crisis surge/materials acquisition
 - SBAR development for use of PAPRs during AGMP surgery
 - Information sharing/dialogue with other international centers in USA, Singapore, Italy (Bologna) to discuss PAPR workflow issues, reprocessing issues
- **Assist in drafting HHS policy through expert knowledge acquisition, research/systematic reviews**
 - Droplet, aerosol generating medical procedures (AGMPs) – focus on upper aerodigestive tract medical and surgical procedures, airway intubations, mechanical ventilation
 - Assessment and knowledge translation of currently available evidence – project with UBC, Western University
 - Assessment and development of experimental evaluations and risk reduction strategies of AGMPs – project with US armed forces institute of surgical research (San Antonio Armed Forces Base, Texas, USA) – collaboration with Dr. Erik Weitzel (deputy commander, U.S. Army Institute of Surgical Research)
 - Consultations with departments of infectious disease, surgery, anesthesia members, site chiefs, regarding appropriate personal protective equipment and OR precautions for dealing with known or suspected COVID-19 patients for HCW viral transmission risk reduction
- **Tracheotomy surgery policy development** (finalized, maintenance phase, revised May 2021)
 - Coordinate with chief of surgery and chief of infectious diseases, general surgery, ICU to develop, maintain and edit HHS policy statement on surgical tracheotomy
 - Lead Canadian Society of Otolaryngology Head & Neck Surgery task force in drafting and online publication of national tracheostomy guidelines
 - Lead Canadian Society of Otolaryngology Head & Neck Surgery task force in drafting and online publication of post-operative guidelines for the management of laryngectomy and tracheotomy patients in inpatient and outpatient settings
 - Fast-track publication of Performance of Tracheotomy During COVID-19 Pandemic Publication (first author)
- **Inpatient post-operative tracheostomy policy development** (finalized, maintenance phase)
 - Coordinate with Critical Care / General Surgery, chief of infectious diseases to draft policy on management of post tracheostomy and post laryngectomy patients depending on COVID-19 status
- **PAPR policy**
 - Co-lead policy development regarding indications for use of PAPRs in AGMP surgical procedures.
 - Work with infectious disease, safety and medical device reprocessing colleagues to draft protocol for reuse of PAPR components

Other

International Surgical Experience

TRANSORBITAL SKULL BASE SURGERY. Samsung Medical Center, Asan Medical Center. Seoul, South Korea. Dr Chang-Ki Hong, Doo-Sik Kong

SIALOENDOSCOPY. Department of Oral and Maxillofacial Surgery. Brazilai Medical Centre, Ashkelon. Asuta Medical Centre, Tel Aviv. Israel - Dr. O. Nahlieli.

OTOLARYNGOLOGY clinics, Royal Flying Doctor Service of Australia, Underserviced regions, Outback, New South Wales, Australia

OTOLOGY, Humanitarian mission with Red Cross Society of Thailand & Thai Rural Ear, Nose and Throat Foundation, Ubon Ratchatani & Bangkok, Thailand.

HEAD & NECK AND RECONSTRUCTIVE SURGERY, Green Lane Hospital, Auckland, New Zealand – Supervisor: Dr. N. McIvor.

FACIAL PLASTIC AND RECONSTRUCTIVE SURGERY, Massachusetts Eye and Ear Infirmary, Boston, U.S.A. - Supervisor: Dr. M. Cheney.

OTOLOGY, Humanitarian missions with Chulalongkorn University, Bangkok, Thailand & Thai Rural Ear, Nose and Throat Foundation, Thailand, Laos.

AWARDS AND HONOURS

- 2017 Canadian Society of Otolaryngology Head & Neck Surgery Honour Award
- 2016 Teacher of the year award – Department of Surgery, Otolaryngology division. McMaster University.
- 2015 Winner best clinical research project – American Rhinological Society Meeting. Boston MA, May 2015. Low Salicylate Diet in Aspirin Exacerbated Respiratory Disease.
- 2000 Royal College of Physicians and Surgeons of Canada Clinical Traineeship Award - Facial Plastic Surgery and Clinical Otolaryngology, Royal Prince Alfred Hospital, Sydney University. Sydney, Australia.
- 1998 Best Research Presentation, PGY 3 category, Percy Ireland Annual Academic Day, Department of Otolaryngology, Faculty of Medicine, University of Toronto.
- 1995 Silver Medal Award - Irving Heward Cameron Scholarship in Surgery, Core Surgical Program, Faculty of Medicine, University of Toronto.
- 1994 Medical Alumni Association's General Proficiency Award for academic and extra-curricular achievements, Faculty of Medicine, University of Toronto.
- 1994 Ernst and Young's Canadian Productivity Informatics Gold Award for work on World of Interactive Medicine (WIM) computer database program.
- 1991 William Ewart Scholarship for excellent academic performance at Victoria College, University of Toronto (one recipient)

CONTRIBUTIONS TO TEACHING PRACTICE

Development, implementation and administration of otolaryngology residency weekly teaching sessions

- A 3 year program of core topics in otolaryngology/head & neck surgery, associated fields and CanMEDS disciplines

Development and administration of bi-monthly otolaryngology journal clubs

- Rotation through the main 6 subspecialty areas of otolaryngology
- Journal articles are chosen jointly with residents

Post-graduate committee member

- Contributing to development and redesign of otolaryngology residency program at McMaster

SUPERVISORSHIPS

2021-2023	Masters project supervisor – Masters in Global Health, McMaster University (Hitansh Purohit)
2019 – 2021	Thesis student supervisor – fourth year student, McMaster Bachelor of Health Sciences/BSc Program (Hitansh Purohit)
2013 - 2014	Thesis student supervisor – fourth year student, McMaster Bachelor of Health Sciences/BSc Program (Jason Kim)
2012 - 2016	Master's student supervisor – Clinician Investigator Program/Surgical Scientist Program, McMaster University (Natasha Cohen)
2012 - 2013	Thesis student supervisor – fourth year student, McMaster Bachelor of Health Sciences/BSc Program
2007 - present	Regular supervisorship, mentorship of several resident, medical student research projects per year

RESEARCH FUNDING

Grants (Local Primary Investigator's name is the first name listed)

2020-22	Sommer DD (local PI). Dupilumab for the treatment of Chronic Rhinosinusitis without Nasal Polyps. \$33,800
2018-20	Sommer DD (local PI). Mepolizumab for the management of Chronic Rhinosinusitis with Nasal Polyps. \$23,000. Synapse Trial.
2014	Sommer DD, Maclean J, Reid D, Korman B. Otonomy 201-201302 - AuriPro™ Pivotal Studies in Pediatric Patients Undergoing Ear Tube Placement Surgery. McMaster site (part of multicentre trial). \$33,000

2012	Sommer D, G Koren, L Kelly, B Carleton, J Maclean, M Hayden, P Madadi, C Ross, D Reddy. Canadian Institute of Health Research (CIHR). Investigating the safety of opioid use in young children after adenotonsillectomy for obstructive sleep apnea syndrome. D. \$99,500. Catalyst Grant: Post Market Drug Safety & Effectiveness in Under-represented Populations.
2009 Jan - 2010 Dec	Reid Diane, Armstrong David, Brill Herbert, Farrokhyar Forough, Hunt Richard, Korman Bruce, Lemckert Ronald, Sommer Doron. Role of empiric anti-flux therapy in pediatric otitis media with effusion - a pilot study, Grant, McMaster University (MAC), Research - New Project, \$5,814.00

ADMINISTRATIVE/LEADERSHIP

International

2023-present	International Committee – Endoscopic Transorbital Society
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National

2020-22	Lead - Canadian Society of Otolaryngology Task Force on performance of tracheotomy (COVID-19 pandemic)
2020-22	Member - Canadian Society of Otolaryngology Task Force on return to clinical practice (COVID-19 pandemic)
2020-22	Member - Canadian Society of Otolaryngology Task Force on performance of rhinological and skull base surgery (COVID-19 pandemic)
2020-21	Member Choosing Wisely Canada – Pediatric Otolaryngology subspecialty recommendations, Rhinology subspecialty recommendations
2014-22	Member – Canadian Otolaryngology H&N surgery subspecialty committee (Royal College of Physicians and Surgeons of Canada)
2014-16	Chair – Canadian Rhinology/Skull base subspecialty working group (Canadian Society of Otolaryngology)

Hospital

2021	Member, PAPR committee
2020	Member, COVID-19 Stewardship of essential clinical items committee -Head of Innovations and Research section
2020	Member, COVID-19 Capacity Task force
2020	Member, COVID-19 Stewardship of Mechanical Ventilators
2020	Member, COVID-19 Stewardship of Intubation Items
2003 – 2020	Head, clinical teaching unit ORL residency HHS
2011 - 2019	Chair, McMaster University Medical Centre OR (operating room) Recycling Waste Committee

Division/Department

- 2010- present McMaster Otolaryngology Annual Research Day – co-organizing chair (with Drs. M Gupta, B Van der Woerd).
- 2006 - 2015 McMaster Department of Surgery Research Advisory Committee – Otolaryngology / Head & Neck Surgery Representative, co-representative since 2010
- 2001 - present Member postgraduate committee for otolaryngology residency and application – McMaster University, Faculty of Health Sciences

Faculty

- 2021 – present Member, McMaster Department of Surgery Fellowship Committee
- 2006 - 2013 Member, Surgical LASER Committee, Hamilton Health Sciences