

CURRICULUM VITAE

BIOGRAPHICAL

Name: Matthew O. Old, M.D.
Business Address: UW School of Medicine
Department of Otolaryngology – HNS
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EDUCATION AND TRAINING

DEGREES

July 1999 - June 2003: University of Texas at Houston Medical, MD, *Walter G. Sterling Award for Excellence*

September 1993 - June 1997: Stanford University, Human Biology BA, Virology, *Departmental Honors*

LICENSES

December 2025-present, Medical Doctor – Washington, MD.MD.70069489

May 2009 – Present, Medical Doctor (MD) - Ohio

March 2008 – August 2011, Medical Doctor (MD) - Tennessee

CERTIFICATIONS

2017-2018 - Clinical Leadership Development Program, Ohio State University Wexner Medical Center

May 2013 – *Surgeons as Leaders: From Operating Room to Boardroom*, American College of Surgeons.

May 2013 – *Talent Management and Leadership Development Academy (TMALDA)*, Otolaryngology, The Ohio State University.

June 2009 – *Board Certified Otolaryngologist - Head and Neck Surgeon*, American Board of Otolaryngology.

FELLOWSHIPS, INTERNSHIPS, AND RESIDENCY

July 2008 - June 2009: *Fellowship*, Microvascular Reconstruction and Skull Base Surgery, Vanderbilt University

June 2003 - June 2008: *Residency*, Otolaryngology – Head and Neck Surgery, University of Michigan

POSITIONS / APPOINTMENTS

2026-present – Chair, Department of Otolaryngology-Head and Neck Surgery, University of Washington

2026-present – Allison T. Wanamaker Professor and Endowed Chair

2025-Present – *Secretary* – American Head and Neck Society

2024-2025 - *Chair*, Head and Neck Reconstruction Section, American Head and Neck Society

2024-2025 – Chair, Quality and Value Task Force, American Head and Neck Society

2023-2024 – Co-Chair, ATC Task Force, American Head and Neck Society

2021-2024 - *Vice Chair*, Head and Neck Reconstruction Section, American Head and Neck Society

October 2022 – December 2025: *Chair*, The David E. Schuller, M.D., and Carole Schuller Chair

May 2021 – December 2025: *Professor*, Otolaryngology – H&N Surgery, James Cancer Center, The Ohio State University

June 2018 – 2021: *Associate Professor*, Otolaryngology – H&N Surgery, James Cancer Center, The Ohio State University

October 2017 – December 2025: *Head and Neck Division Director*, Otolaryngology – H&N Surgery, James Cancer Center, The Ohio State University

October 2017 – December 2025: *Medical Director of the Head and Neck Service Line*, Otolaryngology – H&N Surgery, James Cancer Center, The Ohio State University; Oversee operations of over 200 faculty and staff.

June 2010 – December 2025: *Leader*, Multidisciplinary Head and Neck Tumor Board, The Ohio State University Wexner Medical Center

July 2009 - 2018: *Assistant Professor*, Otolaryngology – H&N Surgery, James Cancer Center, The Ohio State University

June 2009 – August 2021: *Assistant Professor*, Otolaryngology, Nationwide Children's Hospital

July 2008 - June 2009: *Instructor*, Department of Otolaryngology - Head and Neck Surgery, Vanderbilt University

July 2007 - June 2008: *Chief Resident*, Otolaryngology - Head and Neck Surgery, University of Michigan

June 2003 - June 2008: *Resident*, Otolaryngology- Head and Neck Surgery, University of Michigan

AWARDS / HONORS

July 2024: The 2024 James Outstanding Physician Peer Award

July 2022: Appointed *The David E. Schuller, M.D., and Carole Schuller Chair*

June 2021: Inducted into the Mazzaferri-Ellison Society of Master Clinicians at The Ohio State University College of Medicine

March 2020: Project selected for AHNS Community Service Award

March 2020: *Best Doctors in America*, Best Doctors

2015 - Present: *Castle Connolly Top Doctor*

March 2019: *Best Doctors in America*, Best Doctors

August 2018: Honored 10-year rider and fundraiser for Pelotonia

March 2018: *Best Doctors in America*, Best Doctors

March 2017: *Best Doctors in America*, Best Doctors

January 2016: *Elected Member*, General Committee, NRG Oncology Head and Neck Surgical Core Committee

April 2016 - Present: Elected to *Courage to Teach*, OSU COM, FAME, OSU COM Alumni Society, Medicine and the Arts Endowment Fund, The Ohio State University

March 2016: *Best Doctors in America*, Best Doctors

August 2015: "*Getting a job saved this 19-year-old's life*", Worldwide Published News Article, CNN

August 2015: "*Getting a job at Ohio State's James Cancer Hospital saved this 19-year-old's life*", Regionally Published News Article and Interview, Fox 8 - Cleveland, OH

June 2015: *Excellence in Teaching*, The Ohio State University, Department of Otolaryngology – H&N Surgery, The Ohio State University

March 2015: *Best Doctors in America*, Best Doctors

March 2014: *Best Doctors in America*, Best Doctors

March 2013: *Best Doctors in America*, Best Doctors

March 2012: *Best Doctors in America*, Best Doctors

June 2011: *Excellence in Teaching Award*, Department of Otolaryngology – H&N Surgery, The Ohio State University

May 2011: *Forty under Forty 40 Award*, Columbus Business First Magazine

January 2010: *Center for Clinical and Translational Science Pilot Grant*, Richard P. and Marie R. Bremer Medical Research Fund and William H. Davis Endowment for Basic Medical Research

January 2010: *The Joan Bisesi Memorial Career Development Grant*, Joan Levy Bisesi Foundation

January 2008: *Merle Lawrence Research Award*, University of Michigan

January 2007: *Merle Lawrence Research Award*, University of Michigan

January 2007: *Michigan Otolaryngologic Society Research Award*, Walter G. Sterling Award for Excellence, UT- Houston Medical School

January 2003: *Outstanding Student Award*, UT- Houston Medical School

January 2003: *Walter G. Sterling Award for Excellence*, UT- Houston Medical School

January 2002: *Elected Member*, AOA Honor Society, elected as a junior

January 2000: *American Pediatric Society Summer Fellowship*

January 1997: *Honors in Human Biology*, Stanford University

January 1997: *Kass Fellowship*, Infectious Disease Society of America

January 1997: *Dean's Award for Academic Achievement*, Stanford University

January 1997: *Firestone Medal for Excellence in Research*, Stanford University

January 1996: *Stanford University Research Grant*, Howard Hughes Medical Institute

January 1995: *Stanford University Research Grant*, Landreth Foundation

January 1994: *NCAA and PAC-10 Champions*, Stanford University Men's Swimming Team

MEMBERSHIP IN PROFESSIONAL ORGANIZATIONS

2024-2025: Scientific Program Committee Member for the North American Skull Base Society (NASBS)

2023: Immunotherapy and Biomarker Testing in Recurrent and Metastatic Head and Neck Cancers: *ASCO Guideline Member*

October 2022: AB OTO Written and Oral Board Retreat for Subject Content Examiners - Arizona 10/8/22- 10/9/22

April 2022 – Present: *Member*, AHNS 2023 International Conference Program Committee.

2021 – 2022: Expert panel member: ASCO Immune Checkpoint Inhibitors Guideline Consensus in Head and Neck Cancer.

July 2020 – Present: *Member*, AHNS Scientific Review Committee

April 2020 – April 2021: Member, 2021/2022 Scientific Program Committee, North American Skull Base Society (NASBS)

2020 – Present: *Member*, Head and Neck Mucosal Section, American Head and Neck Society.

2020 – Present: *Member*, Head and Neck Endocrine Section, American Head and Neck Society.

2020 – Present: *Member*, Head and Neck Salivary Section, American Head and Neck Society.

2020 – 2021: *Member*, NASBS 2021 Virtual Symposium Task Force Committee.

2019 – 2020: *Member*, International Conference Planning Committee, American Head and Neck Society, Term: 2019-2020.

2019 – Present: Member, NRG H&N Surgical Subcommittee.

2019 – Present: Member, NRG H&N Oncology General Committee.

June 2018 - Present: *Chair of Education*, Head and Neck Reconstruction Section, American Head and Neck Society.

March 2017 - Present: *NRG Head and Neck Surgical Committee*, elected member

October 2016 - Present: *Society Representative & Task Force Member*, Head and Neck Surgery & Oncology Committee

American Academy of Otolaryngology – HNS

2016 – Present: AB OTO Oral Board Examiner.

October 2016 - Present: *Task Force Member and Board Content Provider*, American Board of Otolaryngology.
October 2016 - 2021: *Home Study Course Head and Neck Surgery Section Member*, American Academy of Otolaryngology
January 2016 - 2017: *Member*, Program Committee, American Head and Neck Society, Term: 2016-2017.
March 2016 - Present: *Member*, American Society of Gene & Cell Therapy (ASGCT).
January 2015 - Present: *Member*, Head and Neck Education Committee, American Academy of Otolaryngology - H&N Surgery.
January 2015 - Present: *Member*, Head and Neck Reconstruction Committee, American Head and Neck Society.
April 2012 - Present: *Member*, American Society of Clinical Oncologists (ASCO).
January 2012 - Present: *Member*, North American Skull Base Society.
August 2011 - Present: *Member*, Head and Neck Surgery Education Committee, American Academy of Otolaryngology - Head and Neck Surgery.
January 2011 - Present: *Member*, American College of Surgeons.
October 2016 - Present: *Member*, Columbus Eye Ear Nose and Throat Society.
July 2003 - Present: *Member*, American Academy of Otolaryngology - Head and Neck Surgery.
January 2000 - December 2003: *Member*, American Medical Association.

SERVICE ON UNIT / COLLEGE / UNIVERSITY COMMITTEES

2023-2025: *Committee Chair*, Mortality Index Process Improvement Committee
2023 – 2025: *Member*, The Ohio State University Wexner Medical Center, Chair of Pathology Leadership Search Committee
2021 - 2023: *Faculty Peer Member*, The Ohio State University Wexner Medical Center, PARS/CORS Messenger Committee
2020 - 2022: *Faculty Member*, The Ohio State University Wexner Medical Center, Professionalism Consultation Committee.
2020 – 2025: *Member*, The James Cancer Hospital and Solove Research Institute Quality and Safety Committee
2020 - 2025: *Team Member*, Brief Emotional Support Team (BEST), The Ohio State University Wexner Medical Center.
2020 – 2025: *Team Member*, The Stress, Trauma and Resilience (STAR) Program - Department of Psychiatry and Behavioral Health.
2020-2025: *Member*, The Ohio State University Comprehensive Cancer Center, James Cancer Hospital and Solove Research Institute Operating Room Committee.
2020 – 2025: *Member*, The James Cancer Hospital and Solove Research Institute and COD Collaborative Dentistry Project Improvement Process committee.
2018 - 2022: *Board Member*, Faculty Engagement Group, The Ohio State University Wexner Medical Center
2018 - 2025: *Faculty Member*, The Ohio State University Wexner Medical Center Department Otolaryngology, Surgical Executive Committee.
2016 - 2025: *Member*, The Ohio State University Wexner Medical Center, Communication and Collaboration Committee.
2016 - 2020: *Faculty Member*, The Ohio State University Wexner Medical Center, Talent Steering Group.
2016 – 2025: *Faculty Member*, The Ohio State University Wexner Medical Center, Workplace of Choice Task Force
2014 - 2017: *Physician Advisor*, James Utilization Management, The Ohio State University Wexner Medical Center.
2013 - 2020: *Member*, Formulary Committee, The Ohio State University Comprehensive Cancer Center, James Cancer Hospital & Solove Research Institute.
2013: *Otolaryngology Collaborator*, Interdisciplinary Research, The Ohio State University.
2013: *Co-Chair*, Ambulatory Space and Environment Subcommittee, The Ohio State University.

2012 - 2021: *Co-Chair*, Physician Faculty Engagement Steering Committee, The Ohio State University.
2012: *Member*, Ambulatory Care Clerkship – ENT, The Ohio State University.
2011: *Member*, The Ohio State University, University, Patient Experience Council.
2010 - Present: *Leader*, The Ohio State University Wexner Medical Center, Multidisciplinary Head and Neck Oncology Tumor Board.
2010 - 2011: *Member*, The Ohio State University, University, Formulary Committee.
2009 - 2014: *Member*, The Ohio State University, University, Cancer Institutional Review Board.
2009 – Present: Head and Neck Fellowship Selection Review Committee, The Ohio State University Wexner Medical Center Department of Otolaryngology.
2009 – Present: Resident Selection Review Committee, The Ohio State University Wexner Medical Center Department of Otolaryngology.

TEACHING

ACADEMIC ADVISING

2025: *Mentor*, Whitney Jin (MD Student), Visiting Student Mentor Comprehensive Otolaryngology sub-1
2025: *Mentor*, Matthew Nguyen (MD Student), OSU ENT Mentorship Program
2024: *Mentor*, Lauren Miller (Fellow)
2024: *Mentor*, Michael Li (Fellow)
2023: *Mentor*, Peter Lancione (Resident), ACC
2023: *Mentor*, Hannah Kuhar (Resident), ERAS
2023: *Mentor*, Logan McColl (Resident), TCOM
2023: *Mentor*, Janice Farlow (Fellow), Venous bypass in the head and neck
2023: *Mentor*, Hilary McCrary (Fellow), Midface recon - advances
2023-Present: *Mentor*, Fahad Rind (MD Student) thyroidectomy and BMI; hyperthyroidism and predictors of LOS
May 2022 – Present: *Mentor*, Daniel Naughton (MD Student), OSU ENT Mentorship Program
March 2022 - Present: *Mentor*, Zheng Hong Tan (MD Student), OSU MSTP Clinical Preceptorship Program
2021 – Present: *Advisor*, Logan McColl, Research
2021 – Present: *Advisor*, Catherine Haring, Research
July 2021 – Present: *Co-Advisor*, Catherine Haring (Fellow), AHNS Otolaryngology – Head and Neck Surgery Fellowship
July 2021 – Present: *Co-Advisor*, Brian Swendseid (Fellow), AHNS Otolaryngology – Head and Neck Surgery Fellowship
2020 – Present: *Advisor*, Hannah Kuhar, Research
July 2020 – June 2021: *Co-Advisor*, Anuraag Parikh (fellow), AHNS Otolaryngology – Head and Neck Surgery Fellowship
July 2019 – June 2020: *Co-Advisor*, Akina Tamaki (fellow), AHNS Otolaryngology – Head and Neck Surgery Fellowship
January 2019 – Present: *Advisor*, Peter Lancione, Research
July 2018 – June 2019: *Co-Advisor*, Sidharth Puram (fellow), AHNS Otolaryngology – Head and Neck Surgery Fellowship
July 2017 - June 2018: *Co-Advisor*, Krupal Patel (fellow), AHNS Otolaryngology – Head and Neck Surgery Fellowship.
January 2016 - Present: *Advisor*, Reena Underiner, Research.

July 2016 - June 2017: *Co-Advisor*, Antoine Eskander (fellow), AHNS Otolaryngology – Head and Neck Surgery Fellowship.
July 2016 - June 2017: *Co-Advisor*, Naomi Rabinovics (international fellow), Otolaryngology – Head and Neck Surgery Fellowship.
July 2015- June 2016: *Co-Advisor*, James Bekeny (fellow), AHNS Otolaryngology – Head and Neck Surgery Fellowship.
August 2015: *Advisor*, Johnathan Duff, Professional.
September 2015 - Present: *Research Advisor*, Nolan Seim (resident).
July 2014 - June 2015: *Co-Advisor*, Stephen Kang (fellow), AHNS Otolaryngology – Head and Neck Surgery Fellowship.
July 2014 - June 2015: *Co-Advisor*, Jon Chan, (fellow), AHNS Otolaryngology – Head and Neck Surgery Fellowship.
July 2013 - June 2014: *Co-Advisor*, Peter Dziegielewski, (fellow), AHNS Otolaryngology – Head and Neck Surgery Fellowship.
May 2012: *Research Advisor*, Irving Chung (medical student), Research.
May 2012: *Research Advisor*, Hafiz Patwa (resident), Research.
April 2012: *Research Advisor*, Claire Tolbert (medical student, doctoral student), Research.
November 2011: *Advisor*, Sanjeet Rangarajan (resident).
November 2011: *Research Advisor*, Anna Marcinow (resident), Research.
July 2011- June 2012: *Co-Advisor*, Kiran Kakarala (fellow), AHNS Otolaryngology – Head and Neck Surgery Fellowship.
May 2011: *Research Advisor*, Jigar Sitapara (medical student, doctoral student),
July 2010 - June 2011: *Co-Advisor*, Hassan Arshad (fellow), AHNS Otolaryngology – Head and Neck Surgery Fellowship.
January 2010: *Advisor*, Holly Howard (student), Southern Methodist University.
July 2010: *Advisor*, Audrey Young, (summer internship, student), Harvard University.
July 2009 - June 2010: *Advisor*, Bradford Bader (fellow), AHNS Otolaryngology – Head and Neck Surgery Fellowship.

EXTENSION & CONTINUING EDUCATION INSTRUCTION

July 2024: Lecturer, Resident Lecture Series: *Deep Neck Space Infections*, The Ohio State University. July 29th, 2024.
April 2024: Lecture, H&N Resident Lecture Series: *Salivary Gland Tumors*, The Ohio State University.
February 2024: Invited Speaker for James Physician Wellness Fireside Chat, “Managing your first failure in practice” at The James Comprehensive Cancer Center on February 22, 2024.
February 2024: Invited Panelist at The 45th Annual Otolaryngology Sisson-Ossoff Symposium, “Comprehensive Oropharyngeal Cancer Management Update” in Vail, CO on Monday, February 5th, 2024.
December 2023: AHNS Virtual Educational Series Host: *Recon 'Round the World: Africa "Mandibular Reconstruction in Resource Limited Areas"*. December 20, 2023.
December 2023: Invited Speaker during Wiley DDL Webinar, “Improve the clinician’s understanding of soft tissue sarcoma subtypes: special focus on dedifferentiated liposarcoma” on Wednesday, December 13th, 2023.
April 2023: Lecture, H&N Resident Lecture Series: *Salivary Gland Tumors*, The Ohio State University.
March 2021 – February 2022: Reconstruction Co-Chair of 2022 NASBS Annual Meeting. Phoenix, Arizona. February 18-20, 2022. Tasked with constructing full day of talks/panelists.
April 2020 – March 2021: Reconstruction Education Day Chair, North American Skull Base Society (NASBS).
March 2020: Visiting Professor, Grand Rounds, Department of Otolaryngology-Head and Neck Surgery, Hospital of the University of Pennsylvania
July 2019: Grand Rounds, *Evolution of Head and Neck Reconstruction*, Otolaryngology Head and Neck Surgery, The Ohio State

University

July 2018: Grand Rounds, *Evolution of Head and Neck Reconstruction*, Otolaryngology-Head and Neck Surgery, The Ohio State University.

July 2018: Lecture, H&N Resident Lecture Series: *Head and Neck Reconstruction*. The Ohio State University.

August 2017: Lecture, H&N Resident Lecture Series: *Paraganglioma/Parapharyngeal Space*. The Ohio State University.

April 2016: Lecture, *Clinical Trials: definition, controls, evaluation, pitfalls*. Biomedical Science Major, The Ohio State University.

April 2014: Lecture, *Cancer Research*. Biomedical Science Major, The Ohio State University.

February 2014: Grand Rounds, *Head and Neck Surgery and Reconstruction*. Physical Medicine & Rehab, The Ohio State University

2014 - Present: *Creator, Course Director*, International Head and Neck Microvascular Fellow Bootcamp.

September 2013: Guest Lecture, *Resilience and Medical Marriage (Partners) Perspectives*. College of Medicine, The Ohio State University.

May 2013: Continuing Education, *State-of-the-Art Endoscopic Skull Base Surgery Course*. Otolaryngology, The Ohio State University.

April 2013: Lecture, *Towards Personalized Medicine Cancer Research*, College of Medicine, The Ohio State University.

February 2013: Grand Rounds, *The Shifting Etiology and Treatment Patterns of Head and Neck Squamous Cell Carcinoma*. Otolaryngology, Fairfield Medical Center.

December 2012: Grand Rounds, *The Changing Epidemiology and Treatment Patterns of Oropharyngeal Carcinoma*, Otolaryngology, The Ohio State University.

July 2012 - Present: *Resident Lecture Series*. Curriculum Design, Introduction, Lectures, Final Test Proctor, Evaluation, Feedback Distribution. Comprehensive Head and Neck Oncology.

December 2011: Continuing Education, *Surgical Management of Thyroid Cancer*. Otolaryngology, The Ohio State University.

July 2011: *Resident Lecture Series*. Curriculum Co-Design, Introduction, Lectures, Final Test Proctor, Evaluation, Feedback Distribution. Comprehensive Head and Neck Oncology.

July 2010: *Resident Lecture Series*. Lectures. Comprehensive Head and Neck Oncology.

June 2009: Grand Rounds, *Lemierre's Syndrome*, Otolaryngology, Vanderbilt University.

January 2008: Grand Rounds, *External Laryngeal Trauma*, Otolaryngology, University of Michigan.

August 2007: Grand Rounds, *Paranasal Sinus Malignancies*, Otolaryngology, University of Michigan.

March 2007: Grand Rounds, *Pediatric Functional Endoscopic Sinus Surgery*, Otolaryngology, University of Michigan.

August 2006: Grand Rounds, *Amyotrophic Lateral Sclerosis*, Otolaryngology, University of Michigan.

February 2006: Grand Rounds, *Transnasal Esophagoscopy*, Otolaryngology, University of Michigan.

August 2005: Grand Rounds, *Lemierre's Syndrome*, Otolaryngology, University of Michigan.

March 2005: Grand Rounds, *Unilateral Vocal Fold Paralysis*, Otolaryngology, University of Michigan.

UNDERGRADUATE / GRADUATE / PROFESSIONAL COURSES TAUGHT

February 2019: American Academy Otolaryngology Head and Neck Surgery, Home Study Course, Head and Neck Inflammatory and Neoplastic Diseases

October 2018-Present: *Creator and Director*, Head and Neck Service Line Retreat. First retreat of its kind consisting of over 200

members from our service line.

2014 - Present: *Creator, Course Director*, International Head and Neck Microvascular Fellow Bootcamp. The first faculty founded course of its kind with a novel design, bringing fellows and faculty from across North America to participate in a surgical course.

February 2014: Guest Lecturer, *Special Topics 3: Cancer Research-Towards Personalized Medicine*, Graduate School, The Ohio State University.

2014: *Creator*, American Academy of Otolaryngology Patient Management Perspectives (PMP).

April 2013: Guest Lecturer, *Special Topics in Biomedical Science 3: Clinical Trials: Definitions, Control, Evaluation and Pitfalls*. College of Medicine, The Ohio State University

February 2013: Guest Lecturer, *Cancer Research - Towards Personalized Medicine*. College of Medicine, The Ohio State University

January 2009: Lecturer, *Head and Neck Anatomy*, Otolaryngology, The Ohio State University.

January 2009: Lecturer, *Otolaryngology Clinical Correlates*, Otolaryngology, The Ohio State University.

CHAPTERS IN EDITED BOOKS

1. Dustin A. Silverman, Ross Wanner, Patrick Walz, **Matthew O. Old**, and Kris R. Jatana. "Pediatric Head and Neck Malignancies". *Surgical Management of Head and Neck Pathologies*. Publisher: IntechOpen. Publish Date: October 13th, 2021.
2. Krupal B. Patel, Stephen Y. Kang, **Matthew O. Old**. "Principles of Lateral Craniofacial Reconstruction: Anatomic Defect-Based Approach to Reconstruction." *Principles of Lateral Craniofacial Reconstruction*. Publisher: Springer Nature, September 2020. (Published)
3. **Old, MO**. "Right Where She Needed to Be." *Miracles We Have Seen: America's Leading Physicians Share Stories They Can't Forget*. Publisher: Deerfield: Health Communications, INC., 2016. (Published)
4. **Old, MO**. "Vascular Tumors of the Head and Neck." *ENT Secrets*, Ch 17: 4th Edition. Publisher: Elsevier, 2015. Editor: Scholes, M. Ramakrishnan, V. 10% Authorship. (Published)
5. **Old, MO**; Teknos, Theodoros. "Pharynx, Cervical Esophagus, and Hypopharynx Reconstruction." *Reconstruction of the Head and Neck: A Defect-Oriented Approach*. Publisher: Thieme; New York, 2012. Editor: Genden, E. 90% Authorship, Composure and editing. (Published)
6. **Old M**, Netterville JL. "Head and Neck Paragangliomas." *Head and Neck Cancer Multimodality Management*, 2nd edition: Publisher: Springer-Verlag New York, 2011. Editor: Bernier, J. 90% Authorship, Composure and editing. (Published)
7. Arshad H, **Old M**, Teknos T. "Benign Salivary Gland Neoplasms." *Head and Neck Cancer Multimodality Management*, 2nd edition: Publisher: Springer-Verlag New York, 2011. Editor: Bernier, J. 40% Authorship, Composure and editing. (Published)
8. **Old, MO**. "Paragangliomas of the Head and Neck." *Head and Neck Cancer Multimodality Management*, 2nd edition: Publisher: Springer-Verlag New York, 2011. Editor: Bernier, J. Editor: Bernier, J. 100% Authorship. Composure and editing.
9. **Old, MO**. "General Concepts in Free Flap Reconstruction." *Maintenance Manual for Lifelong Learning*. By: American Academy of Otolaryngology. Publisher: Kendall Hunt Pub Co (May 30, 2002).

JOURNAL ARTICLES

1. Freeman TE, Li MM, Haring CT, Seim NB, **Old MO**, Rocco JW, Kang SY, Miller LE. The Impact of Socioeconomic Risk Factors on Adjuvant Treatment and Survival Outcomes in Patients With Early-Stage Oral Cavity Squamous Cell Carcinoma. *Head Neck*. 2025 Jun 25. doi: 10.1002/hed.28224. Epub ahead of print. PMID: 40557554.
2. Alsavaf MB, Marquardt M, Abouammo MD, Xu M, Elguindy A, Grecula J, Baliga S, Konieczkowski D, Gogineni E, Bhateja P, Rocco JW, **Old MO**, Blakaj DM, Carrau RL, VanKoeveering KK, Bonomi M. Patient Characteristics and Treatment Outcomes of Nasopharyngeal Carcinoma in Nonendemic Regions. *JAMA Netw Open*. 2025 Mar 3;8(3):e251895. doi: 10.1001/jamanetworkopen.2025.1895. PMID: 40136303; PMCID: PMC11947841.
3. Huttinger ZM, Gogineni E, Baliga S, Blakaj DM, Bhateja P, Bonomi M, Kang SY, **Old MO**, Seim NB, VanKoeveering KK, Agrawal A, Ozer E, Rocco JW, Haring CT. Circulating tumor DNA determines induction chemotherapy response in HPV

- associated oropharyngeal squamous cell carcinoma: A pilot study. *Oral Oncol.* 2025 Feb;161:107179. doi: 10.1016/j.oraloncology.2025.107179. Epub 2025 Jan 18. PMID: 39827592.
4. Alsavaf MB, Issa M, Klamer BG, Husain M, Dibs K, Pan X, Grecula JC, **Old MO**, Konieczkowski D, Mitchell DL, Baliga S, Carrau RL, Rocco JW, Bonomi M, Blakaj DM, Bhateja P. Impact of Tobacco, Marijuana, and Alcohol Use on Overall Survival in Recurrent Metastatic Head and Neck Cancer Patients Treated With Immune Checkpoint Inhibitors. *Asia Pac J Clin Oncol.* 2024 Dec 20. doi: 10.1111/ajco.14135. Epub ahead of print. PMID: 39704258.
 5. Jhawar SR, Haring C, Pan X, Ma J, Bhateja P, Kubi EA, Limbach AL, Gogineni E, Mitchell D, Konieczkowski D, Grecula J, Ma SJ, Zhu S, **Old M**, Bonomi M, Rocco JW, Blakaj DM, Baliga S. Impact of circulating tumor human papillomavirus DNA kinetics on disease outcomes in HPV-associated oropharyngeal cancer. *Int J Cancer.* 2024 Dec 16. doi: 10.1002/ijc.35291. Epub ahead of print. PMID: 39679923.
 6. Ma SJ, Zhu S, Virk J, Koempel A, Bhateja P, Gogineni E, Baliga S, Konieczkowski D, Mitchell D, Jhawar S, Grecula J, **Old M**, Rocco J, Bonomi M, Blakaj D. Weekly Cisplatin Cycles and Outcomes for Chemoradiation in Head and Neck Cancer. *JAMA Netw Open.* 2024 Dec 2;7(12):e2450272. doi: 10.1001/jamanetworkopen.2024.50272. PMID: 39652345; PMCID: PMC11629129.
 7. Mastrodonardo EV, Nunes KL, Llerena P, Nikitina A, Sobol A, Scott ER, Tuluc M, Davitt CJH, Scher J, Tekumalla S, Mann D, Henao C, Jegede V, Gargano S, Harshyne LA, Alnemri A, Tyshevich A, Kushnarev V, Chasse M, Sookiasian D, Axelrod R, Zhan T, Leiby BE, **Old M**, Seim N, Mahoney MG, Martinez-Outschoorn U, Cognetti DM, Curry JM, Prendergast G, Argiris A, South AP, Linnenbach AJ, Johnson JM, Luginbuhl AJ. Response-Adaptive Surgical Timing in neoadjuvant immunotherapy demonstrates enhanced pathologic treatment response in Head and Neck Squamous Cell Carcinoma. *Clin Cancer Res.* 2024 Nov 25. doi: 10.1158/1078-0432.CCR-24-0037. Epub ahead of print. PMID: 39585339.
 8. Bhateja P, Liu X, Baliga S, Gogineni E, Jhawar S, Mitchell D, Ma S, Zhu S, Konieczkowski D, Blakaj D, **Old M**, Rocco J, Bonomi M. Fibroblast Growth Factor Receptor (FGFR) Alterations in HPV Oropharyngeal Cancers. *J Med Virol.* 2024 Nov;96(11):e70086. doi: 10.1002/jmv.70086. PMID: 39564895.
 9. Weinberg JH, Liu K, Asada AM, Bahri M, El Naamani K, Zakeri A, Zakeri J, Tjoumakaris S, Jabbour P, Rocco JW, VanKoeveering K, Yang S, **Old M**, Powers C, Nimjee S, Youssef P. Endovascular intervention for carotid blowout syndrome and predictors of recurrence: A retrospective and multicenter cohort study. *Clin Neurol Neurosurg.* 2024 Oct 3;246:108584. doi: 10.1016/j.clineuro.2024.108584. Epub ahead of print. PMID: 39368393.
 10. Balaguru L, Chow L, Mifsud M, Feng A, Richmon JD, Lobaina D, **Old MO**, Kakarala K, Conrad D, Dziegielewski P. Free Flap Enhanced Recovery Protocols in Head and Neck Surgery. *Facial Plast Surg Clin North Am.* 2025 Feb;33(1):1-19. doi: 10.1016/j.fsc.2024.07.003. Epub 2024 Sep 17. PMID: 39523030.
 11. Huttinger ZM, Miller LE, **Old MO**. Contemporary Approaches to Head and Neck Reconstruction. *Facial Plast Surg Clin North Am.* 2025 Feb;33(1):39-45. doi: 10.1016/j.fsc.2024.07.008. Epub 2024 Aug 28. PMID: 39523034.
 12. Dairo K, Bishop R, Sethia R, **Old M**, Jatana KR, Elmaraghy CA. Local control of pediatric head and neck sarcoma with free flap reconstruction obviating the need for radiotherapy: a case report. *Transl Pediatr.* 2024 Aug 31;13(8):1503-1509. doi: 10.21037/tp-24-4. Epub 2024 Aug 27. PMID: 39263301; PMCID: PMC11384428.
 13. Li MM, Miller LE, **Old M**. State of Head and Neck Microvascular Reconstruction: Current and Future Directions. *Surg Oncol Clin N Am.* 2024 Oct;33(4):711-721. doi: 10.1016/j.soc.2024.04.004. Epub 2024 May 10. PMID: 39244289.
 14. McCrary HC, Farlow JL, Alexander J, Haring CT, Kang SY, **Old MO**, Seim NB. The osteocutaneous radial forearm free flap: A pictorial essay. *Head Neck.* 2024 Apr 10. doi: 10.1002/hed.27745. Epub ahead of print. PMID: 38595113.
 15. Gogineni E, Sells BE, Dibs K, Jhawar SR, Haring CT, Limbach AL, Konieczkowski DJ, Ma SJ, Zhu S, Baliga S, Mitchell DL, Grecula JC, Bonomi M, Bhateja P, **Old MO**, Seim NB, Kang SY, Rocco JW, Chakravarti A, Blakaj DM, Gamez ME. Immunoprofiles and Oncologic Outcomes of 15 Patients with Androgen Receptor-Positive Salivary Duct Carcinoma. *Cancers (Basel).* 2024 Mar 19;16(6):1204. doi: 10.3390/cancers16061204. PMID: 38539538; PMCID: PMC10969601.
 16. Dibs K, Gogineni E, Jhawar SM, Baliga S, Grecula JC, Mitchell DL, Palmer J, Haglund K, Andraos TY, Zoller W, Ewing A, Bonomi M, Bhateja P, Tinoco G, Liebner D, Rocco JW, **Old M**, Gamez ME, Chakravarti A, Konieczkowski DJ, Blakaj DM. Scalp Irradiation with 3D-Milled Bolus: Initial Dosimetric and Clinical Experience. *Cancers (Basel).* 2024 Feb 6;16(4):688. doi: 10.3390/cancers16040688. PMID: 38398079; PMCID: PMC10887235.
 17. Nyirjesy SC, McCrary HC, Zhao S, Judd RT, Farlow JL, Seim NB, Ozer E, Agrawal A, **Old MO**, Rocco JW, Kang SY, Haring CT. National Trends in 30-Day Readmission Following Transoral Robotic Surgery for Oropharyngeal Squamous Cell Carcinoma. *JAMA Otolaryngol Head Neck Surg.* 2023 Dec 28. doi: 10.1001/jamaoto.2023.4025. Online ahead of print. PMID: 38153724
 18. Owusu-Brackett N, Chakedis JM, Dedhia P, Gilliam C, Agrawal A, Kang SY, **Old M**, Miller BS, Phay JE. Efficacy and safety of near-infrared fluorescence identification of the thoracic duct during left lateral neck dissection. *Surgery.* 2024 Jan;175(1):134-138. doi: 10.1016/j.surg.2023.08.049. Epub 2023 Dec 5. PMID: 38057229
 19. Savardekar H, Allen C, Jeon H, Li J, Quiroga D, Schwarz E, Wu RC, Zelinskas S, Lapurga G, Abreo A, Stiff A, Shaffer J, Blaser BW, **Old M**, Wesolowski R, Xin G, Kendra KL, Chung D, Carson WE III. Single-Cell RNA-Seq Analysis of Patient Myeloid-Derived Suppressor Cells and the Response to Inhibition of Bruton's Tyrosine Kinase. *Mol Cancer Res.* 2023 Nov 28. doi: 10.1158/1541-7786.MCR-22-0572. Online ahead of print. PMID: 38015751

20. McCrary HC, Meeker M, Farlow JL, Seim NB, **Old MO**, Ozer E, Agrawal A, Rocco JW, Kang SY, Bradford C, Haring CT. Demographic and Academic Productivity Trends Among American Head & Neck Society Fellows Over a 20-Year Period. *JAMA Otolaryngol Head Neck Surg*. 2023 Nov 1;149(11):987-992. doi: 10.1001/jamaoto.2023.2021. PMID: 37561525
21. Farlow JL, McCrary HC, Li M, **Old MO**. Internal jugular vein reconstruction: An algorithm for reconstructive surgeons. *Oral Oncol*. 2023 Oct;145:106523. doi: 10.1016/j.oraloncology.2023.106523. Epub 2023 Jul 25. PMID: 37499330
22. Rind F, Zhao S, Haring C, Kang SY, Agrawal A, Ozer E, **Old MO**, Carrau RL, Seim NB. Body Mass Index (BMI) Related Morbidity with Thyroid Surgery. *Laryngoscope*. 2023 Oct;133(10):2823-2830. doi: 10.1002/lary.30789. Epub 2023 Jun 2. PMID: 37265205
23. McCrary HC, Seim NB, **Old MO**. History, Innovation, Pearls, and Pitfalls in Complex Midface Reconstruction. *Otolaryngol Clin North Am*. 2023 Aug;56(4):703-713. doi: 10.1016/j.otc.2023.04.010. Epub 2023 May 23. PMID: 37230926
24. Zhang L, Judd RT, Zhao S, Rygalski C, Li M, Briody A, Swendseid B, Blakaj DM, Agrawal A, Ozer E, Carrau RL, Teknos TN, VanKoeving K, Rocco JW, **Old MO**, Seim NB, Puram SV, Haring CT, Kang SY. Immediate resection of positive margins improves local control in oral tongue cancer. *Oral Oncol*. 2023 Jun;141:106402. doi:10.1016/j.oraloncology.2023.106402. Epub 2023 Apr 23. PMID: 37094500
25. Baliga, S, Klammer, B, Palmer, JD, Wells-Di Gregirio, S, Kale, SS, Bonomi, M, **Old, MO**, Rocco, JW, Blakaj, DM. Defining the psychiatric and financial burden of mental and substance use disorders in cancer patients. *Cancer Med*. 2023; 12: 8594- 8603. doi:[10.1002/cam4.5548](https://doi.org/10.1002/cam4.5548)
26. Rygalski CJ, Huttinger ZM, Zhao S, Brock G, VanKoeving K, **Old MO**, Teknos TN, Rocco JW, Puram SV, Seim NB, Swendseid B, Haring CT, Eskander A, Kang SY. High surgical volume is associated with improved survival in head and neck cancer. *Oral Oncol*. 2023 Mar;138:106333. doi: 10.1016/j.oraloncology.2023.106333. Epub 2023 Feb 4. PMID: 36746098
27. Heller MA, Nyirjesy SC, Balsiger R, Talbot N, VanKoeving KK, Haring CT, **Old MO**, Kang SY, Seim NB. Modifiable risk factors for oral cavity cancer in non-smokers: A systematic review and meta-analysis. *Oral Oncol*. 2023 Feb;137:106300. doi: 10.1016/j.oraloncology.2022.106300. Epub 2023 Jan 11. PMID: 36638697
28. Baliga S, Klammer B, Palmer JD, Gregirio SW, Kale SS, Bonomi M, **Old MO**, Rocco JW, Blakaj DM. Defining the psychiatric and financial burden of mental and substance use disorders in cancer patients. *Cancer Med*. 2023 Apr;12(7):8594-8603. doi: 10.1002/cam4.5548. Epub 2022 Dec 19. PMID: 36533525
29. Yilmaz E, Ismaila N, Bauman JE, Dabney R, Gan G, Jordan R, Kaufman M, Kirtane K, McBride SM, **Old MO**, Rooper L, Saba NF, Sheth S, Subramaniam RM, Wise-Draper TM, Wong D, Mell LK. Immunotherapy and Biomarker Testing in Recurrent and Metastatic Head and Neck Cancers: ASCO Guideline. *J Clin Oncol*. 2023 Feb 10;41(5):1132-1146. doi: 10.1200/JCO.22.02328. Epub 2022 Dec 15. PMID: 36521102.
30. Wolter GL, Swendseid BP, Sethuraman S, Ivancic R, Teknos TN, Haring CT, Kang SY, **Old MO**, Seim NB. Advantages of the scapular system in mandibular reconstruction. *Head Neck*. 2023 Feb;45(2):307-315. doi: 10.1002/hed.27235. Epub 2022 Nov 6. PMID: 36336798
31. Patel KB, Shabani S, Padhya T, Cao B, Wang X, Turner K, Nichols AC, Kang SY, Rocco JW, **Old M**. The Impact of the Affordable Care Act on Insurance Coverage and Stage Among Head and Neck Squamous Cell Carcinoma Patients. *J Health Care Poor Underserved*. 2022;33(3):1322-1336. doi: 10.1353/hpu.2022.0115. PMID: 36245166
32. Issa M, Klammer BG, Mladkova N, Laliotis GI, Karivedu V, Bhateja P, Byington C, Dibs K, Pan X, Chakravarti A, Grecula J, Jhawar SR, Mitchell D, Baliga S, **Old M**, Carrau RL, Rocco JW, Blakaj DM, Bonomi M. Update of a prognostic survival model in head and neck squamous cell carcinoma patients treated with immune checkpoint inhibitors using an expansion cohort. *BMC Cancer*. 2022 Jul 14;22(1):767. doi: 10.1186/s12885-022-09809-5.
33. Nyirjesy SC, Heller M, von Windheim N, Gingras A, Kang SY, Ozer E, Agrawal A, **Old MO**, Seim NB, Carrau RL, Rocco JW, VanKoeving KK. The role of computer aided design/computer assisted manufacturing (CAD/CAM) and 3-dimensional printing in head and neck oncologic surgery: A review and future directions. *Oral Oncol*. 2022 Sep;132:105976. doi: 10.1016/j.oraloncology.2022.105976. Epub 2022 Jul 6. PMID: 35809506.
34. Wu Y, Koyuncu CF, Toro P, Corredor G, Feng Q, Buzzy C, **Old M**, Teknos T, Connelly ST, Jordan RC, Lang Kuhs KA, Lu C, Lewis JS Jr, Madabhushi A. A machine learning model for separating epithelial and stromal regions in oral cavity squamous cell carcinomas using H&E-stained histology images: A multi-center, retrospective study. *Oral Oncol*. 2022 Aug;131:105942. doi: 10.1016/j.oraloncology.2022.105942. Epub 2022 Jun 8. PMID: 35689952
35. Agarwal R, Freeman TE, Li MM, Naik AN, Philips RW, Kang SY, Ozer E, Agrawal A, Carrau RL, Rocco JW, **Old MO**, Seim NB. Outcomes with culture-directed antibiotics following microvascular free tissue reconstruction for osteonecrosis of the jaw. *Oral Oncol*. 2022 Jul;130:105878. doi: 10.1016/j.oraloncology.2022.105878. Epub 2022 May 6.

36. Slijepcevic AA, Young G, Shinn J, Cannady SB, Hanasono M, **Old M**, Grewal JS, Ghanem T, Ducic Y, Curry JM, Wax MK. Success and Outcomes Following a Second Salvage Attempt for Free Flap Compromise in Patients Undergoing Head and Neck Reconstruction. *JAMA Otolaryngol Head Neck Surg.* 2022 Jun 1;148(6):555-560. doi: 10.1001/jamaoto.2022.0793.
37. Wise-Draper TM, Gulati S, Palackdharry S, Hinrichs BH, Worden FP, **Old MO**, Dunlap NE, Kaczmar JM, Patil Y, Riaz MK, Tang A, Mark J, Zender C, Gillenwater AM, Bell D, Kurtzweil N, Mathews M, Allen CL, Mierzwa ML, Casper K, Jandarov R, Medvedovic M, Lee JJ, Harun N, Takiar V, Gillison M. Phase II Clinical Trial of Neoadjuvant and Adjuvant Pembrolizumab in Resectable Local-Regionally Advanced Head and Neck Squamous Cell Carcinoma. *Clin Cancer Res.* 2022 Apr 1;28(7):1345-1352. doi: 10.1158/1078-0432.CCR-21-3351. PMID: 35338369 Clinical Trial.
38. Haring CT, Dermody SM, Yalamanchi P, Kang SY, **Old MO**, Chad Brenner J, Spector ME, Rocco JW. The future of circulating tumor DNA as a biomarker in HPV related oropharyngeal squamous cell carcinoma. *Oral Oncol.* 2022 Mar;126:105776. doi: 10.1016/j.oraloncology.2022.105776. Epub 2022 Feb 17.
39. Silverman DA, Parikh AS, Liu K, Zhan KY, Nimjee SM, Powers CJ, Youssef P, Rocco JW, VanKoevinger KK, Kang SY, **Old MO**, Seim NB. Predictors of survival following carotid blowout syndrome. *Oral Oncol.* 2022 Feb;125:105723. doi: 10.1016/j.oraloncology.2022.105723. Epub 2022 Jan 18.
40. Tamaki A, Sethuraman S, Shi L, Zhao S, Carver KC, Hatef A, Luttrull M, Seim NB, Kang SY, Ozer E, Agrawal A, **Old MO**. Bone Union of Osseous Microvascular Free Tissue Transfer in Mandibular Reconstruction. *OTO Open.* 2022 Jan 12;6(1):2473974X211070258. doi: 10.1177/2473974X211070258. eCollection Jan-Mar 2022.
41. Naik AN, Silverman DA, Rygalski CJ, Zhao S, Brock G, Lin C, Puram SV, Rocco JW, Baliga S, VanKoevinger KK, **Old MO**, Seim NB, Kang SY. Postoperative Radiation Therapy in Oral Cavity Verrucous Carcinoma. *Laryngoscope.* 2022 Oct;132(10):1953-1961. doi: 10.1002/lary.30009. Epub 2022 Jan 6. PMID: 34989407
42. Tamaki A, Nyirjesy S, Cabrera CI, Lancione P, Hatef A, Rice R, Zhao S, Kang SY, Ozer E, Agrawal A, **Old MO**, Seim NB. Treatment decision and estimation of growth of head and neck paragangliomas. *Am J Otolaryngol.* Mar-Apr 2022;43(2):103357.
43. Katabathula R, Joseph P, Singh S, Zhao S, Kumar B, Gaule P, Pan Q, **Old M**, Tuck DP, Varadan V. Multi-scale Pan-cancer Integrative Analyses Identify the STAT3-VSIR Axis as a Key Immunosuppressive Mechanism in Head and Neck Cancer. *Clin Cancer Res.* 2022 Mar 1;28(5):984-992. doi: 10.1158/1078-0432.CCR-21-1978.
44. Karivedu V, Bonomi M, Issa M, Blakaj A, Klamer BG, Pan X, **Old M**, Bhateja P, Kang S, Seim N, Ozer E, Agrawal A, Mitchell D, Gamez ME, Grecula J, Jhavar SR, Baliga S, Carrau RL, Rocco J, Blakaj D. Treatment Outcomes of Head and Neck Cancer Patients in the Elderly Receiving Different Chemoradiation Combinations: A Single-Center Experience. *Oncol Res Treat.* 2021;44(10):521-529. doi: 10.1159/000518548. Epub 2021 Aug 17.
45. Li MM, Zhao S, Eskander A, Rygalski C, Brock G, Parikh AS, Haring CT, Swendseid B, Zhan KY, Bradford CR, Teknos TN, Carrau RL, VanKoevinger KK, Seim NB, **Old MO**, Rocco JW, Puram SV, Kang SY. Stage Migration and Survival Trends in Laryngeal Cancer. *Ann Surg Oncol.* 2021 Nov;28(12):7300-7309. doi: 10.1245/s10434-021-10318-1. Epub 2021 Jul 15.
46. Sethia R, Freeman T, Mead K, Selhorst A, Vala K, Skoracki L, Adelman M, VanKoevinger K, Kang SY, Ozer E, Agrawal A, **Old MO**, Carrau RL, Rocco JW, Seim NB. Patient-Directed Home Drain Removal in Head and Neck Surgery. *Laryngoscope.* 2021 Nov;131(11):2471-2477. doi: 10.1002/lary.29556. Epub 2021 Apr 13.
47. Akakpo KE, Varvares MA, Richmon JD, McMullen C, Holcomb AJ, Rezaee R, Tamaki A, Curry J, **Old MO**, Kang SY, Graboyes EM, Gross J, Pipkorn P, Puram SV, Zenga J. The tipping point in oral cavity reconstruction: A multi-institutional survey of choice between flap and non-flap reconstruction. *Oral Oncol.* 2021 Sep;120:105267. doi: 10.1016/j.oraloncology.2021.105267. Epub 2021 Mar 31.
48. Seim NB, Ozer E, Valentin S, Agrawal A, VanPutten M, Kang SY, **Old MO**. Custom Presurgical Planning for Midfacial Reconstruction. *Facial Plast Surg.* 2020 Dec;36(6):696-702. doi: 10.1055/s-0040-1721812. Epub 2020 Dec 24. PMID: 33368124.
49. Mazul AL, Naik AN, Zhan KY, Stepan KO, **Old MO**, Kang SY, Nakken ER, Puram SV. Gender and race interact to influence survival disparities in head and neck cancer. *Oral Oncol.* 2021 Jan;112:105093. doi: 10.1016/j.oraloncology.2020.105093. Epub 2020 Nov 21.
50. Rygalski CJ, Zhao S, Eskander A, Zhan KY, Mroz EA, Brock G, Silverman DA, Blakaj D, Bonomi MR, Carrau RL, **Old MO**, Rocco JW, Seim NB, Puram SV, Kang SY. Time to Surgery and Survival in Head and Neck Cancer. *Ann Surg Oncol.* 2020 Nov 13:1-9. doi: 10.1245/s10434-020-09326-4. Epub 2020 Nov 13. PMID: 33188461
51. Tamaki A, Seim NB, Valentin S, Ozer E, Agrawal A, VanPutten M, Kang SY, **Old MO**. The use of medical modeling in microvascular free tissue transfer reconstruction with osseointegrated implantation in complex midface defects. *Oral Oncol.* 2020 Nov;110:104982. doi: 10.1016/j.oraloncology.2020.104982. Epub 2020 Sep 23. PMID: 32979672.

52. Patel KB, Martin D, Zhao S, Kumar B, Carrau R, Ozer E, Agrawal A, Kang S, Rocco JW, Schuller D, Teknos T, Brock G, **Old M**. Impact of age and comorbidity on survival among patients with oral cavity squamous cell carcinoma. *Head Neck*. 2021 Jan;43(1):268-277. doi: 10.1002/hed.26487. Epub 2020 Sep 30.
53. **Old, M**. The use of medical modeling in microvascular free tissue transfer reconstruction with osseointegrated implantation in complex midface defects. *Oral Oncology*. 31-Aug-2020. OO 104982.
54. Baliga S, Klamer B, Jhawar S, Gamez M, Mitchell D, Blakaj A, Grecula J, Gardner U, Dibs K, **Old M**, Seim N, Kang S, Carrau R, Agrawal A, Karivedu V, Bhateja P, Ozer E, Rocco J, Bonomi M, Blakaj D. Identification of Clinical and Socioeconomic Predictors of Adjuvant Therapy after Trans-Oral Robotic Surgery in Patients with Oropharyngeal Squamous Cell Carcinoma. *Cancers (Basel)*. 2020 Sep 1;12(9):E2474. doi: 10.3390/cancers12092474.
55. Naik AN, Freeman T, Li MM, Marshall S, Tamaki A, Ozer E, Agrawal A, Kang SY, **Old MO**, Seim NB. The Use of Vasopressor Agents in Free Tissue Transfer for Head and Neck Reconstruction: Current Trends and Review of the Literature. *Front Pharmacol*. 2020 Aug 28;11:1248. doi: 10.3389/fphar.2020.01248. PMID: 32982724
56. Silverman DA, Zhan KY, Puram SV, Eskander A, Teknos TN, Rocco JW, **Old MO**, Kang SY. Predictors of Postoperative Radiation Following Laser Resection in Early-Stage Glottic Cancer. *Otolaryngol Head Neck Surg*. 2020 Dec;163(6):1218-1225. doi: 10.1177/0194599820933183. Epub 2020 Jul 7.
57. Bonomi M, Bhateja P, Issa M, Klamer B, Pan X, Blakaj A, Karivedu V, Mousa L, Mitchell D, Gamez M, Kang S, Siem N, **Old M**, Carrau R, Rocco J, Blakaj D. A predictive survival model for patients with head and neck squamous cell carcinoma treated with immune check point inhibitors. *Oral Oncol*. 2020 Nov;110:104900. doi: 10.1016/j.oraloncology.2020.104900. Epub 2020 Jul 20.
58. Lancione PJ, Kumar B, Zhao S, Mroz EA, Brock G, Rocco JW, Carrau RL, Agrawal A, Seim N, Kang SY, Ozer E, **Old MO**. A potential protective effect of metformin in adenoid cystic carcinoma. *Oral Oncol*. 2020 Aug;107:104726. doi: 10.1016/j.oraloncology.2020.104726. Epub 2020 May 7.
59. Silverman DA, Lin C, Tamaki A, Puram SV, Carrau RL, Seim NB, Eskander A, Rocco JW, **Old MO**, Kang SY. Respiratory and pulmonary complications in head and neck cancer patients: Evidence-based review for the COVID-19 era. *Head Neck*. 2020 Jun;42(6):1218-1226. doi: 10.1002/hed.26217. Epub 2020 Apr 30. DOI: 10.1002/hed.26217
60. Nair M, Khosla M, Otani Y, Yeh M, Park F, Shimizu T, Kang JM, Bolyard C, Yu JG, Kumar Banasavadi-Siddegowda Y, Lopez G, Kaur B, Pollock RE, Lee TJ, **Old M***, Yoo JY*. Enhancing anti-tumor efficacy in heavily vascularized Soft Tissue Sarcoma by RAMBO virus through decreased tumor endothelial cell activation. *Cancers*. 2020 April. Manuscript ID: cancers-740893; doi: 10.3390/cancers12041040. 20% Authorship. Co-corresponding and Senior Author. Contribution: design, experiments, edits, analysis.
61. Li MM, Tamaki A, Seim NB, Kang SY, Ozer E, Agrawal A, **Old MO**. Utilization of microvascular couplers in salvage arterial anastomosis in head and neck free flap surgery: Case series and literature review. *Head Neck*. 2020 Aug;42(8):E1-E7. doi: 10.1002/hed.26139. Epub 2020 Mar 20.
62. Mitchell DL, Clinton SK, **Old MO**. Not So Fast: Deintensification Therapy for Locally Advanced Oral Cavity Cancer. *Int J Radiat Oncol Biol Phys*. 2020 Apr 1;106(5):926-927. doi: 10.1016/j.ijrobp.2020.01.025.
63. Seim NB, **Old M**, Petrisor D, Thomas W, Naik A, Mowery AJ, Kang S, Li R, Wax MK. Head and neck free flap survival when requiring interposition vein grafting: A multi-institutional review. *Oral Oncol*. 2020 Feb;101:104482. doi: 10.1016/j.oraloncology.2019.104482. Epub 2019 Dec 18.
64. Zhan KY, Puram SV, Li MM, Silverman DA, Agrawal AA, Ozer E, **Old MO**, Carrau RL, Rocco JW, Higgins KM, Enepekides DJ, Husain Z, Kang SY, Eskander A. National treatment trends in human papillomavirus-positive oropharyngeal squamous cell carcinoma. *Cancer*. 2020 Mar 15;126(6):1295-1305. doi: 10.1002/cncr.32654. Epub 2019 Dec 11.
65. Patel KB, Naik AN, Kang SY, **Old MO**. Aberrant Superficial Branch of the Radial Nerve-Radial Forearm Free Flap Considerations. *Plast Reconstr Sbooturg Glob Open*. 2019 Jun 5;7(6):e2191. doi: 10.1097/GOX.0000000000002191. eCollection 2019 Jun.
66. Sethia R, Allarakhia Z, Puram S, Kang S, Ozer E, Agrawal A, Carrau R, Rocco J, **Old M**. Free flap salvage from venous thrombosis by creation of a venocutaneous fistula: Case report and review of the literature. *Head Neck*. 2019 Dec;41(12):E159-E162. doi: 10.1002/hed.25957. Epub 2019 Sep 12.
67. Li MM, Puram SV, Silverman DA, **Old MO**, Rocco JW, Kang SY. Margin Analysis in Head and Neck Cancer: State of the Art and Future Directions. *Ann Surg Oncol*. 2019 Nov;26(12):4070-4080. doi: 10.1245/s10434-019-07645-9. Epub 2019 Aug 5.
68. Lin C, Puram SV, Bulbul MG, Sethi RK, Rocco JW, **Old MO**, Kang SY. Elective neck dissection for salvage laryngectomy: A systematic review and meta-analysis. *Oral Oncol*. 2019 Sep;96:97-104. doi: 10.1016/j.oraloncology.2019.07.008. Epub 2019

Jul 17.

69. Philips R, Seim N, Marcinow A, Rocco J, Agrawal A, Ozer E, Carrau R, Kang S, **Old M**. The high stakes of head and neck surgery following radiation and chemotherapy - An assessment of complications and survival. *Oral Oncol*. 2019 Jul;94:14-20. doi: 10.1016/j.oraloncology.2019.05.004. Epub 2019 May 9.
70. Wald P, Grecula J, Walston S, Wei L, Bhatt A, Martin D, Bonomi M, Rocco J, **Old M**, Teknos T, Blakaj D. Intraoperative electron beam radiotherapy for locoregionally persistent or recurrent head and neck cancer. *Head Neck*. 2019 Jul;41(7):2148-2153. doi: 10.1002/hed.25673. Epub 2019 Feb 19.
71. Patel KB, Naik AN, Kang SY, **Old MO**. Aberrant Superficial Branch of the Radial Nerve-Radial Forearm Free Flap Considerations. *Plast Reconstr Surg Glob Open*. 2019 Jun 5;7(6):e2191. doi: 10.1097/GOX.0000000000002191. eCollection 2019 Jun.
72. Silverman DA, Puram SV, Rocco JW, **Old MO**, Kang SY. Salvage laryngectomy following organ-preservation therapy - An evidence-based review. *Oral Oncol*. 2019 Jan;88:137-144. doi: 10.1016/j.oraloncology.2018.11.022. Epub 2018 Nov 29.
73. Densky J, Eskander A, Kang S, Chan J, Tweel B, Sitapara J, Ozer E, Agrawal A, Carrau R, Rocco J, Teknos TN, **Old M**. Risk Factors Associated With Postoperative Delirium in Patients Undergoing Head and Neck Free Flap Reconstruction. *JAMA Otolaryngol Head Neck Surg*. 2019 Jan 3. doi: 10.1001/jamaoto.2018.3820.
74. Varma VR, Eskander A, Kang SY, Kumar B, Brown NV, Zhao S, Brock G, Agrawal A, Carrau RL, **Old MO**, Ozer E, Rocco JW, Schuller DE, Dziegielewski PT, Cipolla MJ, Teknos TN. Predictors of gastrostomy tube dependence in surgically managed oropharyngeal squamous cell carcinoma. *Laryngoscope*. 2019 Feb;129(2):415-421. doi: 10.1002/lary.27290. Epub 2018 Sep 8.
75. **Old M**. Reconstruction Special Edition, Issue 3. *Oral Oncol*. 2018 Aug;83:162-163. doi: 10.1016/j.oraloncology.2018.07.007.
76. Kang SY, Eskander A, Patel K, Teknos TN, **Old MO**. The unique and valuable soft tissue free flap in head and neck reconstruction: Lateral arm. *Oral Oncol*. 2018 Jul;82:100-107. doi: 10.1016/j.oraloncology.2018.05.006. Epub 2018 May 21.
77. Eskander A, Kang S, Tweel B, Sitapara J, **Old M**, Ozer E, Agrawal A, Carrau R, Rocco JW, Teknos TN. Predictors of Complications in Patients Receiving Head and Neck Free Flap Reconstructive Procedures. *Otolaryngol Head Neck Surg*. 2018 May;158(5):839-847. doi: 10.1177/0194599818757949. Epub 2018 Apr 3. PMID: 29611769
78. Barney CL, Walston S, Zamora P, Healy EH, Nolan N, Diavolitsis VM, Neki A, Rupert R, Savvides P, Agrawal A, **Old M**, Ozer E, Carrau R, Kang S, Rocco J, Teknos T, Grecula JC, Wobb J, Mitchell D, Blakaj D, Bhatt AD. Clinical outcomes and prognostic factors in cisplatin versus cetuximab chemoradiation for locally advanced p16 positive oropharyngeal carcinoma. *Oral Oncol*. 2018 Apr;79:9-14. doi: 10.1016/j.oraloncology.2018.02.001. Epub 2018 Feb 12. PMID: 29598954
79. Kang S, Eskander A, Hachem R, Ozer E, Teknos T, **Old M**, Prevedello DM, Carrau RL. "Salvage Skull Base Reconstruction in the Endoscopic Era: the Vastus Lateralis Free Tissue Transfer". *Head and Neck*. DOI: 10.1002/hed.25094 First published: 6 February 2018 PMID: 14975712
80. Philips R, Martin D, Eskander A, Schord J, Brown N, Zhao S, Brock G, Kumar B, Carrau R, Ozer E, Agrawal A, Kang SY, Rocco JW, Schuller D, Ali S, Blakaj D, Bhatt A, Grecula J, Teknos T, Diavolitsis V, **Old M**. "Effect of adjuvant radiotherapy treatment center volume on overall survival." *Oral Oncol*. 2018 Mar;78:46-51. doi: 10.1016/j.oraloncology.2018.01.004. Epub 2018 Jan 20. PMID: 29496057
81. Veve MP, Greene JB, Williams AM, Davis SL, Lu N, Shnayder Y, Li DX, Noureldine SI, Richmon JD, Lin LO, Hanasono MM, Pipkorn P, Jackson RS, Hornig JD, Light T, Wax MK, Yiu Y, Bekeny J, **Old M**, Hernandez D, Patel UA, Ghanem TA. "Multicenter Assessment of Antibiotic Prophylaxis Spectrum on Surgical Infections in Head and Neck Cancer Microvascular Reconstruction." *Otolaryngol Head Neck Surg*. 2018 Jul;159(1):59-67. doi: 10.1177/0194599818756299. Epub 2018 Mar 7.
82. Eskander A, Kang SY, Ozer E, Agrawal A, Carrau R, Rocco JW, Teknos TN, **Old MO**. "Supine positioning for the subscapular system of flaps: A pictorial essay." *Head Neck*. 2018 May;40(5):1068-1072. doi: 10.1002/hed.25051. Epub 2018 Feb 27.
83. Kang SY, Eskander A, Hachem RA, Ozer E, Teknos TN, **Old MO**, Prevedello DM, Carrau RL. "Salvage skull base reconstruction in the endoscopic era: Vastus lateralis free tissue transfer." *Head Neck*. 2018 Apr;40(4):E45-E52. doi: 10.1002/hed.25094. Epub 2018 Feb 6.
84. Akakpo K, Iobst C, **Old M**, Grischkan J. "Long-term follow-up with mention of complications in pediatric microvascular mandibular reconstruction." *Int J Pediatr Otorhinolaryngol*. 2018 Feb;105:154-157. doi: 10.1016/j.ijporl.2017.12.022. Epub 2017 Dec 24. PMID: 29447804
85. Sethia R, Yumusakhuyul AC, Ozbay I, Diavolitsis V, Brown NV, Zhao S, Wei L, **Old M**, Agrawal A, Teknos TN, Ozer E. "Quality of life outcomes of transoral robotic surgery with or without adjuvant therapy for oropharyngeal cancer." *Laryngoscope*. 2018 Feb;128(2):403-411. doi: 10.1002/lary.26796. Epub 2017 Aug 3. PMID: 28771728
86. Stiff A, Trikha P, Mundy-Bosse B, McMichael E, Mace TA, Benner B, Kendra K, Campbell A, Gautam S, Abood D, Landi I, Hsu V, Duggan M, Wesolowski R, **Old M**, Howard JH, Yu L, Stasik N, Olencki T, Muthusamy N, Tridandapani S, Byrd JC, Caligiuri M, Carson WE. "Nitric Oxide Production by Myeloid-Derived Suppressor Cells Plays a Role in Impairing Fc Receptor-Mediated Natural Killer Cell Function." *Clin Cancer Res*. 2018 Apr 15;24(8):1891-1904. doi: 10.1158/1078-0432.CCR-17-0691. Epub 2018 Jan 23.
87. Barney CL, Zamora P, Ewing A, **Old M**, Chakravarti A, Bhatt A. "Synchronous Supraglottic and Esophageal Squamous Cell Carcinomas Treated with a Monoisocentric Hybrid Intensity-Modulated Radiation Technique." *Front Oncol*. 2018 Jan 8;7:307. doi: 10.3389/fonc.2017.00307. eCollection 2017.

88. **Old M.** "Reconstruction Special Edition, Issue 2." *Oral Oncol.* 2017 Dec;75:182-183. doi: 10.1016/j.oraloncology.2017.11.019.
89. Eskander A, Kang SY, Tweel B, Sitapara J, **Old M**, Ozer E, Agrawal A, Carrau R, Rocco J, Teknos TN. "Quality Indicators: Measurement and Predictors in Head and Neck Cancer Free Flap Patients." *Otolaryngol Head Neck Surg.* 2018 Feb;158(2):265-272. doi: 10.1177/0194599817742373. Epub 2018 Jan 2.
90. Ozbay I, Yumusakhuylyu AC, Sethia R, Wei L, **Old M**, Agrawal A, Teknos T, Ozer E. "One-year quality of life and functional outcomes of transoral robotic surgery for carcinoma of unknown primary." *Head Neck.* 2017 Aug;39(8):1596-1602. doi: 10.1002/hed.24801. Epub 2017 May 17. PMID: 28513895
91. Dziegielewski PT, Boyce BJ, **Old M**, Teknos TN, Agrawal A, Patwa H, Ozer E. "Transoral robotic surgery for tonsillar cancer: Addressing the contralateral tonsil." *Head Neck.* 2017 Nov;39(11):2224-2231. doi: 10.1002/hed.24887. Epub 2017 Aug 7.
92. **Old M**, "Reconstruction Special Edition, Issue 1." *Oral Oncol.* 2017 Nov;74:157-158. doi: 10.1016/j.oraloncology.2017.10.015. No abstract available.
93. Eskander A, Kang SY, Teknos TN, **Old MO.** "Advances in midface reconstruction: beyond the reconstructive ladder." *Curr Opin Otolaryngol Head Neck Surg.* 2017 Oct;25(5):422-430. doi: 10.1097/MOO.0000000000000396. Review.
94. Zhan KY, Eskander A, Kang SY, **Old MO**, Ozer E, Agrawal AA, Carrau RL, Rocco JW, Teknos TN. "Appraisal of the AJCC 8th edition pathologic staging modifications for HPV-positive oropharyngeal cancer, a study of the National Cancer Data Base." *Oral Oncol.* 2017 Oct;73:152-159. doi: 10.1016/j.oraloncology.2017.08.020. Epub 2017 Sep 7.
95. Varma VR, Yiu Y, Van Putten M Jr, Kessling TL, Ozer E, Agrawal A, Teknos T, Kang SY, **Old MO.** "Novel approach to maxillary reconstruction using osteocutaneous free tissue transfer with a customized stent." *Head Neck.* 2017 Sep;39(9):E96-E101. doi: 10.1002/hed.24855. Epub 2017 Jul 4.
96. Lee TJ, Yoo JY, Shu D, Li H, Zhang J, Yu JG, Jaime-Ramirez AC, Acunzo M, Romano G, Cui R, Sun HL, Luo Z, **Old M**, Kaur B, Guo P, Croce CM. "RNA Nanoparticle-Based Targeted Therapy for Glioblastoma through Inhibition of Oncogenic miR-21." *Mol Ther.* 2017 Jul 5;25(7):1544-1555. doi: 10.1016/j.ymthe.2016.11.016. Epub 2017 Jan 18.
97. Smith SM, **Old M**, Iwenofu OH. "Primary Lingual Colonic-Type Adenocarcinoma: A Rare and Emerging Distinct Entity!" *Head Neck Pathol.* 2017 Jun;11(2):234-239. doi: 10.1007/s12105-016-0740-7. Epub 2016 Jun 29.
98. Patel UA, Hernandez D, Shnayder Y, Wax MK, Hanasono MM, Hornig J, Ghanem TA, **Old M**, Jackson RS, Ledgerwood LG, Pipkorn P, Lin L, Ong A, Greene JB, Bekeny J, Yiu Y, Noureldine S, Li DX, Fontanarosa J, Greenbaum E, Richmon JD. "Free Flap Reconstruction Monitoring Techniques and Frequency in the Era of Restricted Resident Work Hours." *JAMA Otolaryngol Head Neck Surg.* 2017 Aug 1;143(8):803-809. doi: 10.1001/jamaoto.2017.0304.
99. **Old MO.** "Reduction of severe oropharyngeal hemorrhage following transoral robotic surgery." *Oral Oncol.* 2017 Sep;72:190-191. doi: 10.1016/j.oraloncology.2017.06.012. Epub 2017 Jun 29.
100. Jaime-Ramirez AC, Yu J, Caserta E, Yoo JY, Zhang J, Lee TJ, Hofmeister C, Lee JH, Kumar B, Pan Q, Kumar P, Baiocchi R, Teknos TN, Pichiorri F, Kaur B, **Old MO.** "Reolysin and Histone Deacetylase Inhibition in the Treatment of Head and Neck Squamous Cell Carcinoma". *Mol Ther Onc.* Vol. 5, 87-96. 2017. (June 2017).
101. Jaime-Ramirez AC, Yu JG, Caserta E, Yoo JY, Zhang J, Lee TJ, Hofmeister C, Lee JH, Kumar B, Pan Q, Kumar P, Baiocchi R, Teknos T, Pichiorri F, Kaur B, **Old M.** "Reolysin and Histone Deacetylase Inhibition in the Treatment of Head and Neck Squamous Cell Carcinoma." *Mol Ther Oncolytics.* 2017 May 10;5:87-96. doi: 10.1016/j.omto.2017.05.002. eCollection 2017 Jun 16.
102. Ozbay I, Yumusakhuylyu AC, Sethia R, Wei L, **Old MO**, Agrawal A, Teknos TN, Ozer E., "One-year quality of life and functional outcomes of transoral robotic surgery for carcinoma of unknown primary". *Head and Neck.* Vol., 1-7. 2017.
103. Bolyard C, Meisen WH, Banasavadi-Siddegowda Y, Hardcastle J, Yoo JY, Wohleb ES, Wojton J, Yu JG, Dubin S, Khosla M, Xu B, Smith J, Alvarez-Breckenridge C, Pow-Anpongkul P, Pichiorri F, Zhang J, **Old M**, Zhu D, Van Meir EG, Godbout JP, Caligiuri MA, Yu J, Kaur B. "BA11 Orchestrates Macrophage Inflammatory Response to HSV Infection—Implications for Oncolytic Viral Therapy." *Clinical Cancer Research.* doi: 10.1158/1078-0432.CCR-16-1818 (April 2017)
104. Kaka A, Zhao S, **Old M**, Agrawal A, Ozer E, Carrau R, Schuller d, Kumar P, Teknos T, Nowacki N. "Notch1 Overexpression Correlates to Improved Survival in Cancer of the Oropharynx." *Otolaryngology - Head and Neck Surgery.* (Apr 2017)
105. Kaka AS, Zhao S, Ozer E, Agrawal A, Kang S, Rocco J, Carrau R, Teknos T, Clapp JD, Weed H, **Old MO.** "Comparison of Clinical Outcomes Following Head and Neck Surgery Among Patients Who Contract to Abstain From Alcohol vs Patients Who Abuse Alcohol." *JAMA Otolaryngol Head Neck Surg.* (Apr 2017)
106. Seim NB, Philips RH, Schoenfield L, Teknos TN, Rocco JW, Agrawal A, Ozer E, Carrau RL, Kang SY, **Old MO.** "NUT Midline Carcinoma of the Sublingual Gland: Clinical Presentation and Review." *Head and Neck Pathology.* doi:10.1007/s12105-017-0809-y. (March 2017)
107. Kang SY, **Old MO**, Teknos TN. "Lateral Arm Free Tissue Transfer for Parotid Reconstruction: A Pictorial Essay." *Head & Neck.* (Feb 2017).
108. Lee TJ, Yoo JY, Shu D, Li H, Zhang J, Yu JG, Jaime-Ramirez AC, Acunzo M, Romano G, Cui R, Sun HL, Luo Z, **Old M**, Kaur B, Guo P, Croce CM. "RNA nanoparticle based targeted therapy for glioblastoma through inhibition of oncogenic miR-21." *Molecular Therapy.* (Jan 2017)
109. Kumar B, Yadav A, Brown NV, Zhao S, Cipolla MJ, Wakely PE, Schmitt AC, Baiocchi RA, Teknos TN, **Old MO**, Kumar P. (Co-senior author) . Nuclear PRMT5, cyclin D1 and IL-6 are associated with poor outcome in oropharyngeal squamous cell

- carcinoma patients and is inversely associated with p16-status. *Oncotarget*. (2017 Jan 17) DOI: 10.18632/oncotarget.14682
110. Yoo JY, Jaime-Ramirez AC, Bolyard C, Dai H, Nallanagulagari T, Wojton J, Hurwitz B, Relation T, Yu JG, Lee TJ, Lotze MT, Zhang J, Croce CM, Yu J, Caligiuri MA, **Old M**, Kaur B (Co- Senior Authors). Bortezomib treatment sensitizes oncolytic HSV-1 treated tumors to NK cell immunotherapy. *Clin Cancer Res*. 2016 Nov 1;22(21):5265-5276. Epub 2016 Jul 7.
 111. **Old MO**, Wise-Draper T, Wright CL, Kaur B, Teknos TN. "The current status of oncolytic viral therapy for head and neck cancer". *WJORL*. (July 2016)
 112. Smith SM, **Old M**, Iwenofu OH. Primary Lingual Colonic-Type Adenocarcinoma: A Rare and Emerging Distinct Entity. *Head Neck Pathol*. 2017 Jun;11(2):234-239. doi: 10.1007/s12105-016-0740-7. Epub 2016 Jun 29.
 113. Kumar B, **Old M**, Ozer E, Agrawal A, Carrau R, Schuller D, Pan Q, Kumar P, Teknos T. "Surgical management of oropharyngeal squamous cell carcinoma: Survival and functional outcomes". *Head and Neck*. (April 2016)
 114. Kang SY, **Old MO**, Teknos TN. Contour an osteotomy of free fibula transplant using a ruler template. *Laryngoscope*. Published (Oct 2016).
 115. Kumar B, Brown N, Swanson B, Schmitt A, **Old M**, Ozer E, Agrawal A, Schuller D, Teknos T, Kumar P. "High expression of myoferlin is associated with poor outcome in oropharyngeal squamous cell carcinoma patients and is inversely associated with HPV-status". *Oncotarget*. E-pub (Feb 2016).
 116. Martin D, Kumar B, Brown N, Agrawal A, Ozer E, Kang S, Rocco JW, Carrau R, Schuller D, Grecula JC, Bhatt AD, Blakaj D, Teknos T, Diavolitsis VM, **Old M**. Survival Is Independent of Radiation Therapy Treatment Center Experience After Surgical Therapy. *International journal of radiation oncology, biology, physics* 94(4):888 · February 2016.
 117. Stiff A, Trikha P, Wesolowski R, Kendra K, Hsu V, Uppati S, McMichael EL, Duggan M, Campbell A, Keller K, Landi I, Zhong Y, Dubovsky J, Howard JH, Yu L, Harrington B, **Old M**, Reiff S, Mace T, Tridandapani S, Muthusamy N, Caligiuri M, Byrd JC, Carson WE. 3rd Myeloid-derived suppressor cells express Bruton's tyrosine kinase and can be depleted in tumor bearing hosts by ibrutinib treatment. *Cancer Res*. (2016 Feb) 15. pii: canres.1490.2015.
 118. Kucur C, Durmus K, Uysal IO, **Old MO**, Agrawal A, Arshad H, Teknos TN, Ozer E. "Management of Complications and Compromised Free Flaps following Major Head and Neck Surgery." *Eur Arch Otorhinolaryngol*. (Jan 2016). 100% Authorship.
 119. Stiff A, Caserta E, Sborov DW, Nuovo GJ, Mo X, Schlotter SY, Canella A, Smith E, Badway J, **Old M**, Jaime-Ramirez AC, Yan P, Benson DM Jr, Byrd JC, Baiocchi R, Kaur B, Hofmeister CC, Pichiorni F. Histone Deacetylase Inhibitors Enhance the Therapeutic Potential of Reovirus in Multiple Myeloma. *Mol Cancer Ther*. (2016 Jan 25)
 120. Kang S, Dziegielewski PT, **Old MO**, Ozer E. "Transoral Robotic Surgery for Carcinoma of Unknown Primary in the Head and Neck." *Journal of Surgical Oncology*. (2015 Dec). 100% Authorship.
 121. Yadav A, Kumar B, Yu J-G, **Old M**, Teknos TN, Kumar P. "Tumor-Associated Endothelial Cells Promote Tumor Metastasis by Chaperoning Circulating Tumor Cells and Protecting Them from Anoikis." *PLoSOne*. Vol. 3, (Oct 2015):0141602. <http://journals.plos.org/plosone/article?id=10.1371/journal.pone.0141602#abstract0>. (Published). 20% Authorship.
 122. Li R, Faden DL, Fakhry C, Langelier C, Jiao Y, Wang Y, Wilkerson MD, Pedamallu CS, **Old M**, Lang J, Loyo M, Ahn SM, Tan M, Gooi Z, Chan J, Richmon J, Wood LD, Hruban RH, Bishop J, Westra WH, Chung CH, Califano J, Gourin CG, Bettgeowda C, Meyerson M, Papadopoulos N, Kinzler KW, Vogelstein B, DeRisi JL, Koch WM, Agrawal N. "Clinical, genomic, and metagenomic characterization of oral tongue squamous cell carcinoma in patients who do not smoke." *Head and Neck*. (Nov 2015). 10% Authorship.
 123. Malhotra A, Sendilnathan A, **Old MO**, Wise-Draper TM. "Oncolytic Virotherapy for Head and Neck Cancer: Current Research and Future Developments." *Dovepress*. Vol. 4, (Sep 2015): 83-93. (Published). 100% Authorship.
 124. Yoo JY, Yu JG, Kaka A, Pan Q, Kumar P, Kumar B, Zhang J, Mazar A, Teknos TN, Kaur B, **Old MO**. ATN-224 enhances antitumor efficacy of oncolytic herpes virus against both local and metastatic head and neck squamous cell carcinoma. *Mol Ther Oncolytics*. 2015 May 20;2:15008.
 125. Dziegielewski PT, Boyce B, Manning A, Agrawal A, **Old M**, Ozer E, Teknos TN. "Predictors and Costs of Readmissions at an Academic Head and Neck Surgery Service." *Head and Neck*. (Mar 2015). 100% Authorship.
 126. Kucur C, Durmus K, Gun R, **Old MO**, Agrawal A, Teknos TN, Ozer E. "The Safety and Efficacy of Concurrent Neck Dissection and Transoral Robotic Surgery." *Head & Neck*. (Mar 2015). 100% Authorship.
 127. Saunders ND, Nichols SD, Antiporda MA, Johnson K, Walker K, Nilsson R, Graham L, **Old M**, Klisovic RB, Penza S, Schmidt CR. "Examination of unplanned 30-day readmissions to a comprehensive cancer hospital." *J Oncol Pract*. Vol. 2, (Mar 2015): 177-81. (Published). 20% Authorship.
 128. Kasemsiri P, Carrau RL, Ditzel Filho LF, Prevedello DM, Otto BA, **Old MO**, de Lara D, Kassam AB. "Advantages and Limitations of Endoscopic Endonasal Approaches to the Skull Base." *World Neurosurg*. Vol. 82, (Dec 2014): 12-21. (2.42) (Published). 100% Authorship.
 129. Marcinow A, Ozer E, Teknos T, Wei L, Hurtuk A, **Old M**, Agrawal A, Carrau R, Iwenofu OH. "Clinicopathologic predictors of recurrence and overall survival in adenoid cystic carcinoma of the head and neck: A single institutional experience at a tertiary care center." *Head Neck*. Vol. 36, (Dec 2014): 1705-11. (3.01) (Published). 10% Authorship. Patient care, data collection, manuscript preparation. Citation Count: 0.
 130. Durmus K, Patwa HS, Gokozan HN, Kucur C, Teknos TN, Agrawal A, **Old MO**, Ozer E. "Functional and quality-of-life outcomes of transoral robotic surgery for carcinoma of unknown primary." *Laryngoscope*. Vol. 124, (Sep 2014): 2089-95. (Published). 10% Authorship. Data collection, analysis, manuscript review.

131. Yoo J, Hurwitz B, Bolyard C, Yu JG, Wojton J, Zhang J, Rath K, Selvendiran K, He S, Wakely P, Bailey Z, Eaves D, Cripe T, Parris D, Caligiuri M, Yu J, **Old M**, Kaur B. "Bortezomib-induced unfolded protein response increases oncolytic HSV-1 replication resulting in synergistic, anti-tumor effects." *Clinical Cancer Research*. Vol. 20, (Jul 2014): 3787-98. (8.19) (Published). 25% Authorship. Co-corresponding author, experimental design, oversight, data analysis, manuscript preparation. Citation Count: 1.
132. Durmus K, Rangarajan SV, **Old MO**, Agrawal A, Teknos TN, Ozer E. "Transoral robotic approach to carcinoma of unknown primary." *Head Neck*. Vol. 36, (Jun 2014): 848-52. (3.01) (Published). 100% Authorship. Citation Count: 7.
133. Arshad,H; Ozer,H,G; Thatcher,A; **Old,M**; Ozer,E; Agrawal,A; Jafari,H; Birkheimer,D; Basinger,H; Forrest,L,A; Schuller,D,E; Teknos,T,N . "Intensive care unit versus non- intensive care unit postoperative management of head and neck free flaps: Comparative effectiveness and cost comparisons." *HEAD AND NECK-JOURNAL FOR THE SCIENCES AND SPECIALTIES OF THE HEAD AND NECK*. Vol. 36, no. 4. (Apr 2014): 536-539. (3.01) (Published). 100% Authorship. Citation Count: 0.
134. Cunningham LC, Yu JG, Shilo K, Tang B, Nair L, Daniel VC, **Old MO**. "Thymoma and parathyroid adenoma: false- positive imaging and intriguing laboratory test results." *JAMA Otolaryngol Head Neck Surg.* Vol. 140, no. 4. (Apr 2014): 369-79. (Published). 100% Authorship. Oversight, concept, data collection, patient care, manuscript preparation.
135. Xie,X; Piao,L; Cavey,G,S; **Old,M**; Teknos,T; Mapp,A,P; Pan,Q. "Phosphorylation of Nanog is essential to regulate Bmi1 and promote tumorigenesis." *Oncogene*. Vol. 33, no. 16. (Apr 2014): 2040-2052. (8.56) (Published). 9% Authorship. Citation Count: 0.
136. Zhang M, Kumar B, Piao L, Xie X, Schmitt A, Arradaza N, Cippola M, **Old M**, Agrawal A, Ozer E, Schuller DE, Teknos TN, Pan Q. "Elevated Intrinsic Cancer Stem Cell Population in Human Papillomavirus-Associated Head and Neck Squamous Cell Carcinoma." *Cancer*. (2014 Apr) (4.90) 9% Authorship. Citation Count: 1.
137. Santaliz-Ruiz, LE, Xie, X, **Old, M**, Teknos, TN, Pan, Q. "Emerging roll of nanog in tumorigenesis and cancer stem cells." *International Journal of Cancer*. Vol. 134, (Jan 2014): 1-7. (5.01) (Published). 100% Authorship. Citation Count: 3.
138. Dziegielewski,Peter,T; Teknos,Theodoros,N; Durmus,Kasim; et al. "Transoral Robotic Surgery for Oropharyngeal Cancer Long-term Quality of Life and Functional Outcomes." *JAMA OTOLARYNGOLOGY-HEAD & NECK SURGERY*. Vol. 139, no. 11. (Nov 2013): 1099-1108. (Published). 10% Authorship. Patient care and data analysis, manuscript preparation. Citation Count:
139. Kasemsiri,Pornthep; Prevedello,Daniel,Monte Serrat; Otto,Bradley,Alan; et al. "Endoscopic endonasal technique: treatment of paranasal and anterior skull base malignancies." *BRAZILIAN JOURNAL OF OTORHINOLARYNGOLOGY*. Vol. 79, no. 6. (Nov 2013): 760-779. (0.62) (Published). 10% Authorship. Citation Count: 1.
140. Kaka,Azeem,S; Kumar,Bhavna; Kumar,Pawan; et al. "Highly aggressive human papillomavirus-related oropharyngeal cancer: clinical, radiologic, and pathologic characteristics." *ORAL SURGERY ORAL MEDICINE ORAL PATHOLOGY ORAL RADIOLOGY*. Vol. 116, no. 3. (Sep 2013): 327-335. (1.27) (Published). 10% Authorship. Patient care and data collection, data analysis and manuscript preparation. Citation Count: 1.
141. Kupfer,Robbi,A; **Old, MO**; Oh,Sang,Su; et al. "Spontaneous laryngeal reinnervation following chronic recurrent laryngeal nerve injury." *LARYNGOSCOPE*. Vol. 123, no. 9. (Sep 2013): 2216-2227. (2.03) (Published). 40% Authorship. Research design, experiments, data collection, and manuscript preparation. Citation Count: 1.
142. Marcinow,Anna,M; Hall,Nathan; Byrum,Eric; et al. "Use of a Novel Receptor-Targeted (CD206) Radiotracer, Tc-99m-Tilmanocept, and SPECT/CT for Sentinel Lymph Node Detection in Oral Cavity Squamous Cell Carcinoma Initial Institutional Report in an Ongoing Phase 3 Study." *JAMA OTOLARYNGOLOGY-HEAD & NECK SURGERY*. Vol. 139, no. 9. (Sep 2013): 895-902. (Published). 10% Authorship. Writing, technique, patient care, and analysis. Citation Count: 5.
143. Ozer,Enver; Durmus,Kasim; Carrau,Ricardo,L; et al. "Applications of transoral, transcervical, transnasal, and transpalatal corridors for Robotic surgery of the skull base." *LARYNGOSCOPE*. Vol. 123, no. 9. (Sep 2013): 2176-2179. (2.03) (Published). 10% Authorship. Data collection and manuscript preparation. Citation Count: 2.
144. Durmus,K; Kakarala,K; **Old,M,O**; et al. "Anterolateral thigh butterfly free flap reconstruction for peristomal recurrence following laryngectomy: Our experience in six patients." *CLINICAL OTOLARYNGOLOGY*. Vol. 38, no. 4. (Aug 2013): 339-342. (2.27) (Published). 100% Authorship. Citation Count: 0.
145. Tassone, Patrick; **Old, MO**; Teknos, Theodoros,N; et al. "p53-based therapeutics for head and neck squamous cell carcinoma." *ORAL ONCOLOGY*. Vol. 49, no. 8. (Aug 2013): 733-737. (3.03) (Published). 15% Authorship. Manuscript preparation. Citation Count: 1.
146. Kasemsiri, Pornthep; Solares, C Arturo; Carrau, Ricardo L; et al. "Endoscopic endonasal transpterygoid approaches: Anatomical landmarks for planning the surgical corridor." *LARYNGOSCOPE*. Vol. 123, no. 4. (Apr 2013): 811-815. (2.03) (Published). 10% Authorship. Patient care and data collection, manuscript preparation. Citation Count: 3.
147. Costinean, Stefan; Balatti, Veronica; Bottoni, Arianna; et al. "Primary intrathyroidal paraganglioma: histopathology and novel molecular alterations." *HUMAN PATHOLOGY*. Vol. 43, no. 12. (Dec 2012): 2371-2375. (2.84) (Published). 100% Authorship. Patient care and sample collection, data analysis and manuscript preparation. Citation Count: 0.
148. Yoo JY, Pradarelli J, Haseley A, Wojton J, Kaka A, Bratasz A, Alvarez-Breckenridge CA, Yu JG, Powell K, Mazar AP, Teknos TN, Chiocca EA, Glorioso JC, **Old M**, Kaur B. "Copper Chelation Enhances Antitumor Efficacy and Systemic Delivery of Oncolytic HSV." *Clinical Cancer Research*. Vol. 18, no. 18. (Sep 2012): 4931-4941. (Published). 20% Authorship. Impact Factor 7.74. Research design, data analysis and manuscript preparation.

- 149.48. Costinean,S; Bottoni,A; CASCIONE,L; et al. "Differential microRNA Expression Signatures in Salivary Duct Carcinomas Versus Her2/Neu 3+Positive Hormone Receptor Negative Invasive Ductal Breast Carcinomas and High Grade Breast Ductal Carcinoma In Situ." *LABORATORY INVESTIGATION*. Vol. 92, (Feb 2012): 306A-307A. (3.96) (Published). 10% Authorship. Patient care and sample collection; data analysis and manuscript preparation. Citation Count: 0.
150. Kirby,S,M; Teknos,T; Agrawal,A; et al. "Does p16 Positive Squamous Cell Carcinomas of the Larynx Correlate with HPV? An Analysis of 101 Cases Using E6/E7 mRNA HPV H7 RNA Scope, HPV-16 and High Risk HPV Chromogenic In Situ Hybridization." *MODERN PATHOLOGY*. Vol. 25, (Feb 2012): 311A-311A. (5.25) (Published). 10% Authorship. Patient treatment; sample collection; data analysis, manuscript preparation. Citation Count: 0.
151. Balasubramanian,Priya; Lang,James,C; Jatana,Kris,R; et al. "Multiparameter analysis, including EMT markers, on negatively enriched blood samples from patients with squamous cell carcinoma of the head and neck." *PloS one*. Vol. 7, no. 7. (Jan 2012): e42048. (3.73) (Published). 10% Authorship. Collection of patient samples, data analysis and manuscript preparation. Citation Count: 20.
152. Hurtuk,Agnes,M; Marcinow,Anna; Agrawal,Amit; et al. "Quality-of-life outcomes in transoral robotic surgery." *Otolaryngology--head and neck surgery : official journal of American Academy of Otolaryngology-Head and Neck Surgery*. Vol. 146, no. 1. (Jan 2012): 68-73. (1.63) (Published). 15% Authorship. Patient recruitment, performing TORS, data collection, data analysis and manuscript preparation. Citation Count: 16.
- 153.53. Hurtuk, A; Agrawal, A; **Old, M**; et al. "Outcomes of Transoral Robotic Surgery: A Preliminary Clinical Experience." *OTOLARYNGOLOGY-HEAD AND NECK SURGERY*. Vol. 145, no. 2. (Aug 2011): 248-253. (1.72) (Published). 15% Authorship. Patient recruitment, performing TORS, data collection, data analysis and manuscript preparation. Citation Count: 20.
154. **Old MO**; Oh SS; Feldman E; et al. "Novel model to assess laryngeal function, innervation, and reinnervation." *The Annals Of Otolaryngology, Rhinology, And Laryngology*. Vol. 120, no. 5. (May 2011): 331. (1.05) (Published). 90% Authorship. Research design, data collection, data analysis and manuscript preparation. Citation Count: 3. Heavner SB;
155. Rubin AD; Fung K; et al. "Dysfunction of the recurrent laryngeal nerve and the potential of gene therapy." *The Annals Of Otolaryngology, Rhinology, And Laryngology*. Vol. 116, no. 6. (Jun 2007): 441. (1.24) (Published). 15% Authorship. Hypothesis, Manuscript preparation. Citation Count: 4.
156. Simon C; Goepfert H; Rosenthal DI; et al. "Presence of malignant tumor cells in persistent neck disease after radiotherapy for advanced squamous cell carcinoma of the oropharynx is associated with poor survival." *European Archives Of Oto-Rhino-Laryngology: Official Journal Of The European Federation Of Oto-Rhino-Laryngological Societies (EUFOS): Affiliated With The German Society For Oto-Rhino-Laryngology - Head And Neck Surgery*. Vol. 263, no. 4. (Apr 2006): 313. (0.82) (Published). 25% Authorship. Research design, chart review, data collection, analysis and manuscript preparation. Citation Count:14.
157. Martinez CV; **Old MO**; Kwock DK; et al. "Shedding of sabin poliovirus Type 3 containing the nucleotide 472 uracil-to-cytosine point mutation after administration of oral poliovirus vaccine." *The Journal Of Infectious Diseases*. Vol. 190, no. 2. (Jul 2004): 409. (4.94) (Published). 40% Authorship. Research design, data collection, manuscript preparation. Citation Count: 12.
158. **Old, MO**; Martinez, CV; Garcia, DKJ; et al. "Direct extraction of Sabin poliovirus genomes from human fecal samples using a guanidine thiocyanate extraction method." *JOURNAL OF VIROLOGICAL METHODS*. Vol. 110, no. 2. (Jun 2003): 193-200. (1.83) (Published). 90% Authorship. Technique and methods development; data collection, and manuscript preparation. Citation Count: 4.
159. Maldonado, Y; Cantwell, M; **Old, M**; et al. "Population-based prevalence of symptomatic and asymptomatic astrovirus infection in rural Mayan infants." *JOURNAL OF INFECTIOUS DISEASES*. Vol. 178, no. 2. (Aug 1998): 334-339. (4.97) (Published). 15% Authorship. Experiments, data collection, manuscript preparation. Citation Count: 54.
160. **Old MO**; Logan LH; Maldonado YA. "Development of chemiluminescent probe hybridization, RT-PCR and nucleic acid cycle sequencing assays of Sabin type 3 isolates to identify base pair 472 Sabin type 3 mutants associated with vaccine associated paralytic poliomyelitis." *Journal Of Virological Methods*. Vol. 68, no. 2. (Nov 1997): 109. (1.62) (Published). 90% Authorship. Research design, experiments, data collection, manuscript preparation. Citation Count: 4.
161. Carrau, MD, Ricardo; Prevedello MD, Daniel; Otto MD, Brad; et al. "Expanded Endonasal Approaches to the Anterior Skullbase." *Operative Atlas in ENT; Otorhinolaryngologic Clinics*. (Forthcoming). 15% Authorship. Manuscript preparation.

INVITED PANELIST/LECTURER/POSTER

1. Invited Moderator. Alumni Panel - Medical Missions Trips. 33rd Annual ENT Alumni Symposium. Columbus, OH. June 13, 2025.
2. Lab Instruction, Advanced Mandibular and Midface Osteotomy Simulator and Techniques Course, University of Pittsburg Medical Center, Pittsburg, PA, May 31, 2025.

3. Freeman TE, Erickson E, Agrawal A, Ozer E, Haring CT, Seim NB, Kang SY, **Old MO**, Rocco JW, Miller LE. Trends and Outcomes of Head and Neck Reconstruction of Osteoradionecrosis. Poster. American Head and Neck Society. New Orleans, LA. May 2025.
4. Arch RS, Ozer E, Agrawal A, Haring CT, Kang SY, Seim NB, **Old MO**, Rocco JW, Miller LE. Medicaid Expansion Status and Receipt of Palliative Care in Stage IV Oral Cavity Cancer. Poster. American Head and Neck Society. New Orleans, LA. May 2025.
5. Birkenbeul J, Miller LE, Ozer E, Agrawal A, VanKoeveering KV, Kang SY, Seim NB, **Old MO**, Rocco JW, Haring CT. Utility of Pre-operative NavDx in Surgically Treated p16+ Oropharyngeal Squamous Cell Carcinoma. Poster. American Head and Neck Society. New Orleans, LA. May 2025.
6. Judd RT, Sansoterra S, Yen S, Lin A, Miller LE, Ozer E, Agrawal A, Rocco JW, Kang SY, Seim NB, **Old MO**, Haring CT. Implementation of Postoperative Intravenous Levothyroxine Following Salvage Total Laryngectomy. Poster. American Head and Neck Society. New Orleans, LA. May 2025.
7. Freeman TE, Weals K, Selhorts A, Vala K, Skoracki L, Adelman M, Warren J, Cain S, Bellamy K, Alban C, Sethia R, VanKoeveering K, Carrau R, Kang SY, Agrawal A, Ozer E, Miller LE, Haring C, Rocco JW, **Old MO**, Seim NB. Economic Impact of Home Drain Removal in a Head and Neck Surgery Clinic. Poster. American Head and Neck Society. New Orleans, LA. May 2025.
8. Peachman AT, Rind F, NAbhan F, Sukrithan V, **Old MO**, Agrawal A, Kang SY, Haring CT, Ozer E, Miller LE, Seim NB. Survival Trends in Anaplastic Thyroid Cancer. Poster. American Head and Neck Society. New Orleans, LA. May 2025.
9. Invited Moderator. Reconstruction Debates: Can AI Do It All? American Head and Neck Society at the Combines Otolaryngology Spring Meeting. New Orleans, LA. May 14-18, 2025.
10. Invited Senior Faculty Mentor. Advanced Head and Neck Reconstruction Course. University of Cincinnati College of Medicine. Cincinnati, OH. April 4-6, 2025.
11. Invited Moderator. “Managing Head and Neck Treatment Toxicity After Multimodality Therapy for Skull Base Tumors”. North American Skull Base Society (NASBS) 2025 Annual Meeting combined with The World Federation of Skull Base Societies 9th World Congress. New Orleans, LA. February 13-16, 2025.
12. Invited Speaker. “The Roll of Skull Base in Traumatic Injuries: An Underutilized Skill?” North American Skull Base Society (NASBS) 2025 Annual Meeting combined with The World Federation of Skull Base Societies 9th World Congress. New Orleans, LA. February 13-16, 2025.
13. Invited Speaker. “Locoregional vs Free Flap Reconstruction Debate.” North American Skull Base Society (NASBS) 2025 Annual Meeting combined with The World Federation of Skull Base Societies 9th World Congress. New Orleans, LA. February 13-16, 2025.
14. Chair. “Head and Neck Track: Free Tissue Reconstruction and Facial Reanimation”. 2025 Scientific Program Committee. North American Skull Base Society (NASBS) 2025 Annual Meeting combined with The World Federation of Skull Base Societies 9th World Congress. New Orleans, LA. February 13-16, 2025.
15. Invited Panelist. “De-escalation and Robotic Surgery in HPV+ Oropharyngeal Carcinoma”. The 46th Annual Otolaryngology Sisson-Ossoff Symposium in Vail, CO. February 2-7, 2025.
16. Host. AHNS Virtual Education Series: Recon ‘Round the World: Africa – “Mandibular and Maxillary Reconstruction”. AHNS International Virtual Presentation. January 29, 2025.
17. Invited Panelist. “Challenging Case Panel”. Head & Neck Microvascular Fellowship Boot Camp. The Ohio State University. Columbus, OH. October 11-13, 2024.
18. Invited Lecturer. “Virtual Planning Discussions”. Head & Neck Microvascular Fellowship Boot Camp. The Ohio State University. Columbus, OH. October 11-13, 2024.
19. Invited Faculty and Lab Instructor, Head & Neck Microvascular Fellowship Boot Camp. The Ohio State University. Columbus, OH. October 11-13, 2024.
20. Invited Instructor. 3D-Planning of Mandibular Reconstruction: Hands-On Approach With Live Demonstration. AAO-HNSF Annual Meeting & Oto Expo. Miami, FL. September 28th-October 1st, 2024.
21. Oral/Poster Presentation. Impact of Systemic Bone Density on Long-Term Outcomes in Osteocutaneous Free Flaps. Ericka L Erickson, Taylor Freeman, Lingpeng Shan, Lauren E Miller, **Matthew O Old**, Nolan B Seim. AAO-HNSF Annual Meeting & Oto Expo. Miami, FL. September 28th-October 1st, 2024.
22. Invited Instructor. Mid Face Plating in a Live Saw Bones Lab. AAO-HNSF Annual Meeting & Oto Expo. Miami, FL. September 28th-October 1st, 2024.
23. Lab Instruction, Advanced Mandibular and Midface Osteotomy Simulator and Techniques Course, University of Pittsburgh Medical Center, Pittsburgh, PA, May 31, 2024- June 1, 2024
24. Invited Panelist. Reconstruction Debates Part 1: Virtual Surgical Planning vs Free Hand Reconstruction of Oromandibular Defects. American Head and Neck Society at the Combines Otolaryngology Spring Meeting. Chicago, IL. May 16, 2024.

25. Judd R, Freeman T, Rind F, Miller LE, Kang SY, **Old MO**, Seim NB, Agrawal A, Ozer E, Rocco JW, Li MM, Haring CT. Surgical Margins in HPV+ Patients Undergoing Transoral Robotic Surgery. American Head and Neck Society at the Combines Otolaryngology Spring Meeting. Chicago, IL. May 15, 2024.
26. Huttinger Z, Gogineni E, Baliga S, Blakaj D, Bhateja P, Bonomi M, Kang SY, **Old MO**, Seim NB, VanKoevering KK, Agrawal A, Ozer E, Rocco JW, Haring CT. Circulating Tumor DNA Kinetics Following Induction Chemotherapy Predicts Response in HPV+ Oropharyngeal Squamous Cell Carcinoma. American Head and Neck Society at the Combines Otolaryngology Spring Meeting. Chicago, IL. May 15, 2024.
27. Invited Panelist. “Comprehensive Oropharyngeal Cancer Management Update” at The 45th Annual Otolaryngology Sisson-Ossoff Symposium in Vail, CO on Monday, February 5th, 2024.
28. Faculty Moderator. Challenging Case Panel. Head & Neck Microvascular Fellowship Boot Camp. The Ohio State University. Columbus, OH. October 13-15, 2023.
29. Faculty Lecturer. Parotidectomy / Parapharyngeal Space. Head & Neck Microvascular Fellowship Boot Camp. The Ohio State University. Columbus, OH. October 13-15, 2023.
30. Invited Faculty and Lab Instructor, Head & Neck Microvascular Fellowship Boot Camp. The Ohio State University. Columbus, OH. October 13-15, 2023.
31. Invited Panelist. A Stepwise Approach to Treating and Preventing Osteoradionecrosis. AAO-HNSF 2023 Annual Meeting & Oto Experience. Nashville, Tennessee. September 30th-October 4th, 2023.
32. Invited Instructor. 3-Dimensional Planning of Maxillary Reconstruction: Hands-on Approach with Live Demonstration. AAO-HNSF 2023 Annual Meeting & Oto Experience. Nashville, Tennessee. September 30th-October 4th, 2023.
33. Invited Instructor. Maxillomandibular Plating in a Live Saw Bones Lab (Simulation). AAO-HNSF 2023 Annual Meeting & Oto Experience. Nashville, Tennessee. September 30th-October 4th, 2023.
34. Poster Presentation. Intraoperative Vasopressor Use Does Not Affect Free Flap Viability. Zachary M Huttinger, Hannah N Kuhar, Hilary Caitlyn McCary, Janice L Farlow, **Matthew O Old**. AAO-HNSF 2023 Annual Meeting & Oto Experience. Nashville, Tennessee. September 30th-October 4th, 2023.
35. Invited Speaker. H&N Carcinoma of Unknown Primary: Advances in Surgical Oncology and the Impact in Medical Management. 41^o National Oncology Congress, 10^o International Congress. Riviera Maya, Mexico. September 27th-30th, 2023.
36. Invited Speaker. Deintensified treatment in HPV-Associated Oropharyngeal Cancer. 41^o National Oncology Congress, 10^o International Congress. Riviera Maya, Mexico. September 27th-30th, 2023.
37. Invited Speaker. TORS in Patients with Head-neck Unknown Primary Cancers. 41^o National Oncology Congress, 10^o International Congress. Riviera Maya, Mexico. September 27th-30th, 2023.
38. Judd R, Bliss A, Orr A, Zhao S, Nyirjesy S, Zhang L, Blakaj D, Agrawal A, Ozer E, Carrau R, Teknos T, VanKoevering K, Rocco J, **Old M**, Seim N, Haring C, Kang S. Surgical Margins and Local Control after Total Laryngectomy. Presented at the International Conference on Head and Neck Cancer. American Head and Neck Society. Montreal, QC Canada. July 12, 2023.
39. Judd R, Zhang L, Zhao S, Rygalksi C, Li M, Blakaj D, Agrawal A, Ozer E, Carrau R, Teknos T, VanKoevering K, Rocco J, **Old M**, Seim N, Haring C, Kang S. Tumor Differentiation and Depth of Invasion Associated with Inaccurate Frozen Tumor Bed Margins in Oral Tongue Cancer. Presented at the International Conference on Head and Neck Cancer. American Head and Neck Society. Montreal, QC Canada. July 10, 2023.
40. Podium Presentation. Addressing the contralateral tonsil for tonsillar squamous cell carcinoma: Revisiting the evidence. Zachary M Huttinger Janice L Farlow, Hilary C McCrary, Michael M Li, Catherine T Haring, Amit Agrawal, Nolan B Seim, **Mathew O Old**, Stephen Y Kang, Enver Ozer. AHNS 11th International Conference on Head and Neck Cancer. Montréal, QC, Canada. July 8th-July 12th, 2023.
41. Invited Moderator. Video Session III: State of the Art Surgical Techniques and Innovation. AHNS 11th International Conference on Head & Neck Cancer. Montreal, Canada. July 8th-12th, 2023.
42. Invited Moderator. Poster Tour. AHNS 11th International Conference on Head & Neck Cancer. Montreal, Canada. July 8th-12th, 2023.
43. Invited Moderator/Speaker. Instructional Course 26: State of the Art in Paraganglioma Management. AHNS 11th International Conference on Head & Neck Cancer. Montreal, Canada. July 8th-12th, 2023.
44. Invited Panelist. APP Practice in Head and Neck Surgery. AHNS 11th International Conference on Head & Neck Cancer. Montreal, Canada. July 8th-12th, 2023.
45. Invited Lecture. Head and Neck Cancer - Innovation and the Changing Landscape; Department of Plastic Surgery Grand Rounds. June 13th, 2023.
46. Invited Lecturer at Nordic ENT Congress, "Up to date management of adenoid cystic carcinoma". Reykjavik, Iceland. May 26th, 2023.
47. Invited Lecturer at Nordic ENT Congress, "Hemi vs. total thyroidectomy – case based discussion". Reykjavik, Iceland. May 26th, 2023.

48. Invited Lecturer at Nordic ENT Congress, “The Role of Neck Dissection and SLN bx in early stage OC SCC”. Reykjavik, Iceland. May 25th, 2023.
49. Invited Panelist at COSM, “Facial Nerve Management”. Boston, Massachusetts. May 6th, 2023
50. Invited Lecturer for Grand Rounds at Cooper University Health Care, “The Evolution of Head and Neck Reconstruction: Midface Challenges”. Camden, New Jersey. April 11th, 2023.
51. Invited Panelist. Updates and Advances in Advanced Cutaneous Malignancies. 2023 Vanderbilt Otolaryngology Symposium. Vail, CO. February 2023.
52. Invited Panel Moderator at IFOS Dubai ENT World Congress 2023, "Reconstructive challenges in salvage surgery". Dubai, UAE. January 17-21, 2023.
53. Invited Panelist at IFOS Dubai ENT World Congress 2023, "Mandibular Reconstruction". Dubai, UAE. January 17-21, 2023.
54. Invited Panelist at IFOS Dubai ENT World Congress 2023, "Work-up and surgical approach of a malignant salivary gland tumor". Dubai, UAE. January 17-21, 2023.
55. Invited Panel Moderator as current Vice-Chair of AHNS Reconstructive Head & Neck Surgery Section during the virtual AHNS Webinar Guidelines - Recon ‘Round the World: ASIA “Hypopharyngeal and Nasopharyngeal Reconstruction”, presented by the AHNS Reconstructive Head and Neck Surgery Section. January 12, 2023.
56. Presenter at Head and Neck Service Line Research Meeting: “ACC”. The Ohio State University Medical Center. December 1, 2022.
57. Invited Presenter/Reviewer. 2022 Virtual Peer Reviewed Cancer Research Program, PRCRP HNC-2 panel meeting. November 3, 2022.
58. Invited Lead Reviewer. CDMRP 2022 PRCRP – Head and Neck Cancer-2 (HNC-2) Scientific Study Section 10/3/22-11/3/22; Lead reviewer for apps - CA220246, CA220255, CA22057
59. Invited Faculty and lab instructor - Resident Course, Head & Neck Microvascular Reconstruction Fellowship Boot Camp. The Ohio State University at Wright State University. September 23 - 25, 2022.
60. Invited Faculty, Speaker, and Lab Instructor. Head & Neck Microvascular Reconstruction Fellowship Boot Camp. The Ohio State University at Wright State University. September 23 - 25, 2022.
61. Invited Moderator. Challenging Case Panel. Head and Neck Microvascular Fellow Boot Camp. Dayton, Ohio. September 24-25, 2022.
62. Panelist. Preventing and treating osteoradionecrosis and related complications. A stepwise approach with the experts. AAO-HNSF 2022 Annual Meeting & OTO Experience. Philadelphia, PA. September 13, 2022.
63. Instructor. Simulation Presentation: 3-dimensional planning of Mandibular and Maxillary Defects: A Hands-on Approach with Live Demonstration. AAO-HNSF 2022 Annual Meeting & OTO Experience. Philadelphia, PA. September 12, 2022.
64. Moderator: "Update in Head and Neck Reconstruction: Improving Outcomes with Technology and Innovation". AHNS/COSM Annual Meeting, April 28, 2022. Dallas, Texas.
65. Lancione P, Nyirjesy S, Zhao S, VanKoeveering KK, Carrau R, Seim N, Kang S, Ozer E, Agrawal A, Rocco JW, Prevedello D, Hardesty D, **Old MO**. Patterns of Treatment Failure in Adenoid Cystic Carcinoma of the Skull Base. Presented at the Combined Otolaryngology Spring Meeting (COSM). Dallas, TX. April 2022.
66. Presented: “Paragangliomas and Facial Flap coverage”. OSU Department of Neurosurgery Grand Rounds on March 31, 2022.
67. Invited Visiting Professor: ENT Grand Rounds, “Head & Neck Recon using virtual planning for custom plates and guide”. University of Arizona College of Medicine in Tucson, AZ. March 2, 2022.
68. Judd, R, Zhang L, Zhao S, Rygalski C, Li MM, Swendseid B, Blakaj DM, Agrawal A, Ozer E, Carrau R, Teknos T, VanKoeveering KK, Rocco JW, **Old MO**, Seim N, Haring CT, Kang SY. Management of Positive Main Specimen Margin in Oral Tongue Cancer. Presented at American Society for Radiation Oncology (ASTRO) and the Multidisciplinary Head and Neck Cancers Symposium. Phoenix, AZ. February 24, 2022.
69. Baliga A, Klamer B, Palmer JD, Wells S, Gamez ME, Jhavar SR, Mitchell DL, Grecula JC, Kang SY, Seim, NB, Ozer E, Agrawal A, VanKoeveering KK, Karivedu V, Bhateja P, Bonomi M, **Old MO**, Rocco JW, Carrau R, Blakaj DM. Defining the Psychiatric and Financial Landscape of Mental and Substance Use Disorders in Head and Neck Cancer Patients. Presented at American Society for Radiation Oncology (ASTRO) and the Multidisciplinary Head and Neck Cancers Symposium. Phoenix, AZ. February 24, 2022.
70. Moderator & Speaker: "Sinonasal Malignancies T4b (Infratemporal Fossa and Skull Base Involvement) - Surgery vs Neoadjuvant". 2022 NASBS Annual Meeting. Phoenix, Arizona. February 18-20, 2022.
71. Moderator: "Anatomy of the Flaps: Step-by-Step of Harvesting". 2022 NASBS Annual Meeting. Phoenix, Arizona. February

- 18-20, 2022.
72. Speaker: "Reconstruction of the Petroclival Region". 2022 NASBS Annual Meeting. Phoenix, Arizona. February 18-20, 2022.
 73. Panelist: "Management of Early Stage Oral Cavity Cancer". Vanderbilt Otolaryngology-HNS Sisson-Ossoff Symposium. Feb. 6-10, 2022.
 74. Participated in a Focus Group with Castle Biosciences (AHNS) where they had an interactive discussion on a pipeline test for use in patients with oral squamous cell carcinoma. December 8, 2021.
 75. Expert panel member: ASCO Immune Checkpoint Inhibitors in Head and Neck Cancer Expert Panel call, Thursday October 7th, 2021.
 76. Panel Member and presentation: Building an ERAS Program. AAO, LA, Oct 3-6, 2021.
 77. Invited Speaker. Oropharynx Cancer Debate - AHNS 10th International Conference (Virtual). July 22, 2021.
 78. Lecturer. Salivary Gland Tumors. Otolaryngology Resident Head & Neck Lecture Series. The Ohio State University. July 19, 2021.
 79. Trisha M. Wise-Draper, Vinita Takiar, Michelle L. Mierzwa, Keith Casper, Sarah Palackdharry, Francis P. Worden, **Matthew O. Old**, Neal E. Dunlap, John M. Kaczmar, Yash Patil, Muhammad K. Riaz, Aubrey Hamilton, Ann M. Gillenwater, Benjamin H. Hinrichs, Diana Bell, Casey Allen, Sheena M. Lanverman, Li Zhang, J. Jack Lee, Maura L. Gillison. "Association of pathological response to neoadjuvant pembrolizumab with tumor PD-L1 expression and high disease-free survival (DFS) in patients with resectable, local-regionally advanced, head and neck squamous cell carcinoma (HNSCC)." Abstract presented at 2021 ASCO Annual Meeting, June 4 - June 8, 2021.
 80. Mladkova, N; Mitchell, D; Gamez, M; Grecula, J; Jhavar, S; Miller, E; **Old, M**; Blakaj, D. "Gene Expression Analysis of Recurrent Laryngeal Tumors Reveals Disruption in Key Regulatory Pathways." Abstract presented at 2021 ASCO Annual Meeting, June 4 - June 8, 2021.
 81. Georgios I. Laliotis, Majd Issa, Brett Klamer, Vidhya Karivedu, Priyanka Bhateja, Khaled Dibs, Nikol Mladkova, Xueliang J. Pan, **Matthew O. Old**, Mauricio Gamez, John C. Grecula, Sachin R. Jhavar, Darrion L. Mitchell, Sujith Baliga, Ricardo Carrau, James W. Rocco, Dukagjin Blakaj, Marcelo R. Bonomi. "Expansion cohort validation of a clinical predictive model for head and neck cancer survival in patients treated with immune checkpoint inhibitors." Abstract presented at 2021 ASCO Annual Meeting, June 4 - June 8, 2021.
 82. Wise-Draper, T; Gulati, S; Takiar, V; Palackdharry, S; Worden, F; **Old, M**; Kaczmar, J; Dunlap, N; Hinrichs, B; Bell, D; Patil, Yash; Riaz, M; Weatherford, L; Hamilton, A; Lanverman, S; Mierzwa, M; Casper, K; Mark, J; Tang, A; Zender, C; Gillenwater, A; Medvedovich, M; Lee, J; Jandarov, R; Gillison, M. "Pathological response to neoadjuvant pembrolizumab is associated with tumor PD-L1 expression and high disease-free survival (DFS) in patients with resectable, local-regionally advanced, head and neck squamous cell carcinoma (HNSCC)." Abstract presented at 2021 ASCO Annual Meeting, June 4 - June 8, 2021.
 83. **Old, MO**. Presenter, *Total Laryngectomy: Operative Techniques*. 54th Iowa Head and Neck Course. May 21, 2021
 84. **Old, MO**. Presenter, *Reconstruction Of The Larynx And Pharynx*. 54th Iowa Head and Neck Course. May 21, 2021
 85. **Old, MO**. Presenter, *Subscapular system of free flaps*. 54th Iowa Head and Neck Course. May 21, 2021
 86. **Old, MO**. Moderator, AHNS/COSM Session: Research and Clinical Trials: Coping, Evolving and Succeeding. COSM 2021. April 7, 2021.
 87. **Old, MO**. Moderator, AHNS Webinar "To Reconstruct or Not: Early Stage Oral Cavity Cancers". February 24, 2021.
 88. **Old, MO**. Moderator, NASBS Virtual Symposium: Topic 7: Malignancies & Chordoma. February 13, 2021.
 89. **Old, MO**. Invited Panelist, AHNS International Joint Webinar: Multidisciplinary Approach to Advanced Oral Cancer: Prevention to Palliation. February 5, 2021.
 90. **Old, MO**. Invited Panelist. FLEX November xLive #2: Appropriate Workup, Diagnosis, and Management of HPV-related Oropharyngeal Cancer. November 17, 2020.
 91. **Old, MO**. Invited Panelist. FLEX November xLive #1: "Appropriate Workup, Diagnosis, and Management of HPV-related Oropharyngeal Cancer". November 11, 2020.
 92. Trisha M. Wise-Draper, MD, PhD; Shuchi Gulati, MD, FACP; Vinita Takiar; Sarah Palackdharry; Francis P. Worden, MD; **Matthew Old, MD**; John M. Kaczmar, MD; Neal Dunlap, MD; Benjamin Hinrichs, MD; Diana Bell; Yash Patil; Muhammad Kashif Riaz, MD; Layne Weatherford, PhD; Casey L. Allen; Aubrey Hamilton; Sheena Lanverman; Michelle Mierzwa; Keith Casper; Jonathan Mark; Alice Tang; Chad Zender; Ann Gillenwater; Mario Medvedovich; J. Jack Lee, PhD; Roman Jandarov; Maura L. Gillison, MD, PhD. "Phase 2 trial of neoadjuvant and adjuvant PD-1 checkpoint blockade in local-regionally advanced, resectable HNSCC indicates pathological response is associated with high disease-free survival".

Abstract presented at Virtual SITC 35th Annual Meeting November 9-14, 2020.

93. **Old, MO.** Presenter. “Head & Neck Reconstruction: Soft Tissue Free Flaps; Large scalp vs. Skullbase vs. Other cutaneous.” AHSN Fellows' Virtual Tumor Board. October 7, 2020
94. M. Issa, T. Schultz, M. Xu, P. Bhateja, V. Karivedu, K. Dibs, **M. Old**, S. Kang, M. Gamez, J. Grecula, S. Jhawar, D. Mitchell, N. Seim, A. Agrawal, E. Ozer, S.S.B.E. Baliga, R. Carrau, J. Rocco, D. Blakaj, M. Bonomi. “Pre-treatment characteristics and long-term outcomes of recurrent-metastatic head and neck cancer patients treated with immune checkpoint inhibitors” Abstract presented at ESMO Virtual Congress September 19-21, 2020.
95. **Old, MO.** Invited Panelist. “Prevention and Treatment of Early Osteoradionecrosis: An update on non-surgical treatment of osteoradionecrosis and soft tissue necrosis.” AAO-HNSF 2020 Annual Meeting & Experience. September 2020.
96. **Old, MO.** Virtual Live Debate Speaker. AAFPRS MICROVASCULAR WORKSHOP Webinar. September 13, 2020.
97. **Old, MO.** Invited Panelist. “Surgical Pearls—I have The Microphone for 2 Minutes, Here is What I Want to Say... Or Older but Not Wiser” AAFPRS MICROVASCULAR WORKSHOP Webinar, September 13, 2020.
98. Panelist. ORN Expert Panel. August 21, 2020.
99. **Old, MO.** Lecturer. "Salivary Gland Tumors." Resident Lecture Series. The Ohio State University, Department of Otolaryngology. July 22, 2020.
100. Adam Luginbuhl, Jennifer Maria Johnson, Larry Harshyne, Madalina Tuluc, Stacey Gargano, Benjamin Leiby, Joseph M. Curry, David M. Cognetti, Rita Susan Axelrod, Priyanka Bhateja, **Matthew O. Old**, Ulrich Rodeck, Athanassios Argiris. *Window-of-opportunity trial of nivolumab with or without the IDO inhibitor BMS-986205 in patients with resectable squamous cell carcinoma of the head and neck (SCCHN).* Poster presented at Virtual ASCO Annual Meeting May 2020.
101. **Old, MO.** Invited expert for story. *RHOC's Simon Barney Has Stage 3 Throat Cancer—Here Are the Symptoms to Know The father of three is undergoing intensive treatment that he calls “a 9 out of 10 pain.”*-Prevention.com. March 2020.
102. Douglas R. Adkins, MD; Ezra Cohen, MD; Lisle Nabell, MD; Dan P. Zandberg, MD; **Matthew Old, MD**; David M. Cognetti, MD; Derek Blair, PhD; Xin Wei; Amber Wells, PhD; Amar Patel, MD; Teresa Foy, PhD; Kristen Hege, MD; and Robert L. Ferris, MD, PhD. "A Phase 1b Presurgical Window Study to Evaluate Immune Biomarker Modulation in Response to Motolimod and Nivolumab in Patients With Squamous Cell Carcinoma of the Head and Neck". ePoster presented at Multidisciplinary Head and Neck Cancer Symposium - Feb 2020 annual meeting. Scottsdale, AZ. February 27-29, 2020.
103. **Old, MO.** Grand Rounds, Visiting Professor. “Evolution of Head and Neck Reconstruction.” Department of Otolaryngology-Head and Neck Surgery, Hospital of the University of Pennsylvania, March 5, 2020.
104. **Old, MO.** Moderator. “Laryngeal Tumors/Lesions: Dilemmas in Treatment”. 42nd Annual Otolaryngology Sisson-Ossoff Symposium in Vail, CO. February of 2020.
105. Kang SY, Silverman DA, Lin C, Seim NB, Zhao S, Bonomi MR, Blakaj D, Gamez ME, Carrau RL, Teknos TN, Rocco JW, Agrawal A, **Old MO**, Ozer E. “Transoral robotic surgery in the management of carcinoma of unknown primary.” Presented at the International Robotic Surgery Symposium, Seoul, South Korea. October, 2019.
106. **Old, MO.** Invited Panelist. “Round Table: When the First Chance is the Best and Maybe the Only Chance: Endoscopic Treatment of Malignancies and Complex Lesions.” State-of-the-Art Endoscopic Skull Base Surgery: A Hands on Course. Columbus, Ohio, November 2019.
107. **Old, MO.** Invited Panelist. “Challenges in Reconstruction of the Skull Base.” State-of-the-Art Endoscopic Skull Base Surgery: A Hands on Course. Columbus, Ohio, November 2019.
108. Kang SY, Silverman DA, Lin C, Seim NB, Zhao S, Bonomi MR, Blakaj D, Gamez ME, Carrau RL, Teknos TN, Rocco JW, Agrawal A, **Old MO**, Ozer E. “Transoral robotic surgery in the management of carcinoma of unknown primary.” Presented at the International Robotic Surgery Symposium, Seoul, South Korea. October, 2019.
109. **Old, MO.** Panelist. “Surgical Disasters: Case Presentations.” AAFPRS Microvascular Workshop. San Diego, California, October 5, 2019.
110. **Old, MO.** Speaker. “Head and Neck Cancer Service Line Delivery – Successes, Pitfalls, Solutions, and the Future.” Presented at Grand Rounds: Head and Neck Cancer Foundation Lecture, University of Toronto Department of Otolaryngology – Head and Neck Surgery. Toronto, Canada, October 2019.
111. **Old, MO.** Speaker. “Scapula & Latissimus Harvest.” Presented at the International Head and Neck Microvascular Fellow Boot Camp. Dayton, Ohio, September 2019.
112. **Old, MO.** Panel Moderator. “Scientific Oral Presentations: Head and Neck Surgery.” AAO-HNSF 2019 Annual Meeting & OTO Experience, New Orleans, Louisiana, September 2019.
113. **Old, MO.** Grand Rounds. “Evolution of Head and Neck Reconstruction.” Otolaryngology Head and Neck Surgery, The Ohio State University, July 2019.
114. **Old, MO.** Panelist. “Comprehensive Management of Oropharyngeal Cancer.” Presented at the Annual OSU Otolaryngology Alumni Symposium, June 2019.

115. Peter Lancione, Bhavna Kumar, Amit Agrawal, Ricardo Carrau, Stephen Kang, Enver Ozer, James Rocco, **Matthew Old**. "Late Locoregional and Distant Metastases in a Large Long-term Adenoid Cystic Carcinoma Cohort", Poster presented at AHNS Annual Meeting, Austin, Texas. May 2019.
116. Nolan Seim, **Matthew Old**, Daniel Petrisor, William Thomas, Akash Naik, Alia J Mowery, Stephen Kang, Ryan Li, Mark K Wax. "Interposition Vein Grafting in Free Tissue Transfer in the Head and Neck", Poster presented at AHNS Annual Meeting, Austin, Texas. May 2019.
117. Kevin Y Zhan, Sidharth V Puram, Dustin A Silverman, Amit A Agrawal, Enver Ozer, **Matthew O Old**, Ricardo L Carrau, James W Rocco, Kevin Higgins, Danny J Enepekides, Stephen Y Kang, Antoine Eskander. "Treatment Trends in HPV+ Oropharyngeal Squamous Cell Carcinoma: A Study of the National Cancer Database", Poster presented at AHNS Annual Meeting, Austin, Texas. May 2019.
118. Krupal B Patel, Caitlin McMullen, Kathryn Vorwald, Anthony C Nichols, Stephen Kang, James W Rocco, **Matthew Old**. "Insurance Coverage Change and Stage at Diagnosis Among Nonelderly Patient with Head and Neck Squamous Cell Carcinoma After The Affordable Care Act – National Cancer Database Survey." Presented at AHNS Annual Meeting, Austin, TX. May 2019.
119. **Old, MO**. Invited Lecturer. Vail Sisson Meeting, "Virtual Surgical Planning". February 2019.
120. **Old, MO**. Invited Lecturer. Vail Sisson Meeting, "Surgery versus Radiation for Oropharyngeal Cancer". February 2018.
121. **Old, MO**. Invited Lecturer. "Thyroid lobectomy versus total thyroidectomy". Mazzeferri Lectureship. November 2018.
122. **Old, MO**. Panel Chair. "Moderatory Scientific Oral Presentations: Head and Neck Surgery". AAO-HNSF Annual Meeting October 2018.
123. Trisha Michel Wise-Draper, **Matthew O. Old**, Francis P. Worden, Paul E. O'Brien, Ezra E.W. Cohen, Neal Dunlap, Michelle Lynn Mierzwa, Keith Casper, Sarah Palackdharry, Benjamin Hinrichs, Alfredo Molinolo, Vinita Takiar, Jonathan Mark, Alice Tang, Muhammad Kashif Riaz, John Charles Morris, Nooshin Hashemi Sadraei, Changchun Xie, Maura L. Gillison. "Phase II multi-site investigation of neoadjuvant pembrolizumab and adjuvant concurrent radiation and pembrolizumab with or without cisplatin in resected head and neck squamous cell carcinoma." ASCO June 2018.
124. Jishu Das, Amy Custer, Dukagjin Blakaj, **Matthew O. Old**, Songzhu Zhao, Aashish D Bhatt, Stephan Y Kang, Amit Agrawal, Enver Ozer, Jessica Wobb, Robert Rupert, Darrion L Mitchell, Guy Brock, Claire F. Verschraegen, James William Rocco, Marcelo R Bonomi. "Incidence of ototoxicity in head and neck cancer (HNSCC) patients (pts) receiving concomitant chemo-radiation (CRT) with weekly or triweekly cisplatin (Cis)." Presented at ASCO June 2018
125. **Old, MO**. Invited Speaker. Grand Rounds at Henry Ford Hospital, ENT. June 2018.
126. Dukagjin Blakaj, Amy Custer, Wesley Zoller, Adam Wolfe, Aashish Bhatt, Shannon Grams, **Matthew Old**, Stephen Kang, Amit Agrawal, Enver Ozer, Jessica Wobb, Robert Rupert, Darrion Mitchell, Claire Verschraegen, James Rocco, Marcelo Bonomi. "A Prospective Analysis of Ototoxicity in Modern Radiation Therapy Treatments for Head and Neck Squamous Cell Carcinoma (HNSCC) Patients Receiving Concomitant Chemo-Radiation (CRT) with Weekly or Tri-weekly Cisplatin (Cis)" Presented online at ASTRO Meeting.
127. **Old, MO**. Invited Panelist. Vail Sisson Meeting, "Treatment Options in Early Stage Cancer, Larynx and Oral Cavity". February 2018.
128. **Old, MO**. Invited Panelist. Vail Sisson Meeting, "Thyroid Nodule – When to Operate and How Far to Go". February 2018.
129. Rabinovics N, Cerne J, Teknos T, Agrawal A, Carrau R, Ozer E, **Old M**. Total Laryngectomy using Automatic Stapling Device. Presented at the IFOS ENT World Congress, Paris, France, June 24-28, 2017.
130. **Old, MO**. Invited Moderator. "Quality and Values in Head and Neck Reconstruction: Current Trends, Evidence and Practices." American Head and Neck Society Annual Meeting. April 2017.
131. Emily Shindeldecker, NP; Kristen Johnson, MHA; Megan Adelman, PA; Laura Skoracki, PA; Stephanie Wigton, PA; Ann Onofri, NP; Steve Kang, MD; Theodoros Teknos, MD; Amit Agrawal, MD; James Rocco, MD, PhD; Enver Ozer, MD; Ricardo Carrau, MD; **Matthew Old, MD**. Invited Panelist. "The positive Impact of Expanding the Role of Advanced Practive Providers in Head and Neck Cancer Care". American Head and Neck Society Annual Meeting. April 2017.
132. Azeem Kaka, MD; Songzhu Zhao, BS; Enver Ozer, MD; Amit Agrawal, MD; Stephen Kang, MD; James Rocco, MD, PhD; Ricardo Carrau, MD; Theodoros Teknos, MD; **Matthew Old, MD**. "Invited Panelist. S019: Alcohol Abstinence Contracting Improves Postoperative Outcomes in Alcohol Misusers with Free Flap Reconstruction of the Head and Neck". American Head and Neck Society Annual Meeting. April 2017.
133. Azeem Kaka, MD; Songzhu Zhao, BS; Enver Ozer, MD; Amit Agrawal, MD; Stephen Kang, MD; James Rocco, MD, PhD; Ricardo Carrau, MD; Theodoros Teknos, MD; **Matthew Old, MD**. Oral Paper. Alcohol Abstinence Contracting Improves Postoperative Outcome in Alcohol Misusers with Free Flap Reconstruction of the Head and Neck". American Head and Neck Society Annual Meeting. April 2017.
134. Rabinovics N, Cerne J, Teknos T, Rocco J, Agrawal A, Carrau R, **Old M**, Kang S, Ozer E. "Pharyngocutaneous Fistulization Rate following Salvage Total Laryngectomy." Presented at The Annual Meeting of The Israeli Society of Otolaryngology-Head and Neck Surgery, Eilat, Israel, March 1-4, 2017.
135. **Old, MO**. Invited Panelist. "Tumor Board: Case presentations and review of recent literature driving treatment methods". Annual Vanderbilt Otolaryngology Alumni Symposium, Vail, CO. (Feb 2017)

- 136. Old, MO.** Invited Panelist. "Post-Operative Controversies – ICU vs Non ICU", Presented at AAFPRS Annual Microvascular Symposium, Nashville, TN.(Oct 2016)
- 137. Old, MO.** Invited Moderator. "Miniseminar: Practical Head and Neck Regional Reconstruction." Presented at AAO-HNS Annual Meeting, San Diego, California. (September 2016)
- 138. Old, MO.** Speaker. "Lateral Arm Free Flap Harvest." Presented at the International Head and Neck Microvascular Fellow Bootcamp. Dayton, OH. (September 2016)
- 139. Old, MO.** Moderator. "Cases We All Learned From" Presented at the International Head and Neck Microvascular Fellow Bootcamp. Dayton, OH. (September 2016)
- 140. Old, MO.** Invited Moderator. "Transcervical approaches to the parapharyngeal space/infratemporal fossa", Presented at the 2nd Annual Advanced Antero-Lateral Skull Base Dissection Course, Nashville, TN. (Aug 2016)
- 141. Old, MO.** Invited Panelist. "Reconstruction of major skull base defects", Presented at the 2nd Annual Advanced Antero-Lateral Skull Base Dissection Course, Nashville, TN. (Aug 2016)
- 142. Old, MO.** Invited Panelist. "Case discussion panel: Decision making in infratemporal fossa/anterior skull base neoplasms", Presented at the 2nd Annual Advanced Antero-Lateral Skull Base Dissection Course, Nashville, TN. (Aug 2016)
- 143. Old, MO.** Invited Instructor. "State of the Art in Mandibular and Maxillary Reconstruction – Maxillary Reconstruction", Presented at AHNS International (July 2016)
- 144. Old, MO.** Invited Moderator. "Proffered Papers 06 – Robotics II" Presented at AHNS International. Seattle, WA. (July 2016)
- 145. Old, MO.** Invited Moderator. "Proffered Papers 25 – Oropharynx and HPV" Presented at AHNS International. Seattle, WA. (July 2016)
- 146. Old, MO.** Podium Presentation. "The Potency of a Histone Deacetylase Inhibitor and Reovirus in Head and Neck Squamous Cell Carcinoma", Presented at AHNS Annual Meeting, Seattle WA. (July 2016)
- 147. Kumar B, Brown N, Swanson B, Schmitt A, Old M, Ozer E, Agrawal A, Schuller D, Teknos T, Kumar P.** "High expression of myoferlin is associated with poor outcome in oropharyngeal squamous cell carcinoma patients and is inversely associated with HPV-status". Presented at AHNS Annual Meeting, Seattle, WA. (July 2016)
- 148. Yumusakhuylyu A, Ozbay I, Diavolitsis V, Old M, Teknos T, Agrawal A, Kang S, Carrau R, Rocco J, Ozer E.** "Functional and Quality of Life Outcomes of Surgical and Nonsurgical Therapy in Oropharyngeal Cancer", Presented at AHNS Annual Meeting, Seattle, WA. (July 2016)
- 149. Philips R, Seim N, Kaka A, Schoenfield L, Old M.** "Report of an Exceptionally Aggressive Undifferentiated Carcinoma of the Sublingual Gland in a Young Patient – Case Report and Literature Review", Presented at AHNS Annual Meeting, Seattle, WA. (July 2016)
- 150. Varma V, Kang S, Kumar B, Brown N, Dziegielewski P, Cipolla M, Agrawal A, Carrau R, Old M, Ozer E, Rocco J, Schuller D, Teknos T.** "Predictors of Gastrostomy Tube Dependence in Surgically Managed Oropharyngeal Cancer" Presented at AHNS Annual Meeting, Seattle, WA, (July 2016)
- 151. Ozbay I, Yumusakhuylyu A, Old M, Agrawal A, Teknos T, Ozer E.** "Long-Term Quality of Life and Functional Outcomes of Transoral Robotic Surgery for Carcinoma of Unknown Primary", Presented at AHNS Annual Meeting, Seattle, WA. (July 2016)
- 152. Seim N, Marcinow A, Teknos T, Agrawal A, Ozer E, Carrau R, Old M.** "The High Stakes of Head and Neck Surgery Following Radiation and Chemotherapy – An Approach to Predicting Surgical Complications", Presented at AHNS Annual Meeting, Seattle, WA, (July 2016)
- 153. Teknos TN, Grecula J, Agrawal A, Old MO, Ozer E, Carrau R, Kang S, Rocco J, Blakaj D, Diavolitsis V, Kumar B, Kumar P, Pan Q, Baiocchi R, Savvides P.** "A Phase 1 Trial of Vorinostat in Combination with Concurrent Chemoradiation Therapy in the Treatment of Advanced Staged Head and Neck Squamous Cell Carcinoma." Presented at ASCO Annual Meeting. (June 2016)
- 154. Old, MO,** Panelist. "Head and Neck Panel: Oropharynx Cancer in the HPV Era: Case Based Discussion". Presented at the Annual OSU Otolaryngology Alumni Symposium. (Jun 2016)
- 155. Old, MO.** Invited Panelist. "Radioencrosis and Other Radiation Complications", Presented at the Annual Endoscopic Skull Base Course, Chicago, IL (May 2016)
- 156. Old, MO.** Poster Presentation. "Cancer- Oncolytic Viruses I". Presented at ASGCT Washington DC (May 2016)
- 157. Bolyard C, Khosla M, Yu J, Zhang J, Lopez G, Pollock R, Cripe T, Kaur B, Old M.** "Efficacy of RAMBO for Sarcoma Therapy." Poster Presented at ASGCT Washington DC (May 2016).
- 158. Old MO.** Invited Panelist. "Cancer-Targeted Gene and Cell Therapy." ASGCT Washington DC (May 2016)
- 159. Old, M.** Invited Speaker. "Personalized Reconstruction." Presented at Vanderbilt Sisson Meeting. (Feb 2016)
- 160. Wald P., Schuller D., Agrawal A., Ozer E., Hamedani H., Swanson B., Wei L., Teknos T., Old M., Rhoades C, Neki A, Rocco J, Bhatt A., Blakaj D., Diavolitsis V., Wobb J, Grecula J.** "Long term survival outcomes and p16 tissue analysis for multimodal intensification protocols for stage III-IV head/neck squamous cell carcinomas". Presented at the 2016 ASTRO Multidisciplinary Head and Neck Symposium. Scottsdale, AZ. (Feb 2016)
- 161. Sethia R, Brown N, Old M, Agrawal A, Teknos T, Ozer E.** "Quality of Life and Functional Outcomes of TORS without Adjuvant Radiation Therapy for Oropharyngeal Cancer" Presented at the Triological Society Combined Sections Meeting, Miami, FL (Jan 2016)

162. **Old, MO**. Invited Lecturer. "Paragangliomas" Columbus EENT Society Meeting, Columbus, OH. (Dec 2015)
163. **Old, MO**. Invited Speaker and Moderator. "Microvascular Head and Neck Reconstruction – Outcomes." Presented at AAO/AFPRS Dallas, TX. (2015)
164. **Old, MO**. Invited Moderator. "3-D Modeling & Patient Specific Plates." Presented at Fifth Annual Advances in Microvascular Reconstruction (Oct 2015) 100% Authorship
165. Georgala C, Otto B, **Old MO**, Panelist. "Challenges in Reconstruction of the Skull Base." Presented at State-of-the-Art Endoscopic Skull Base Surgery, Columbus, Ohio (May 2015) 100% Authorship
166. **Old MO**, Georgalas C, Douglas R, Panelist. "Round Table: When the First Chance is the Best and Maybe the Only Chance: Endoscopic Treatment of Malignancies and Complex Lesions." Presented at State-of-the-Art Endoscopic Skull Base Surgery, Columbus, Ohio (May 2015) 100% Authorship
167. Kumar B, **Old M**, Brown N, Ozer E, Agrawal A, Carrau R, Leon M, Cipolla M, Durmus K, Kumar P, Wakely Jr P, Schuller D, Teknos T. "Incidence, Treatment, and Outcomes in Recurrent Oropharyngeal Cancer Following Primary Surgery", Presented at AHNS Annual Meeting, Boston, MA (April 2015)
168. Ali SA, Schuller DE, Ozer E, Carrau RL, Agrawal A, Teknos TN, **Old MO**, Unspecified. "Prognostic Factors of Recurrent Oral Cavity Squamous Cell Carcinoma Associated with Survival in the Salvage Patient Population." Presented at AHNS, Boston, Massachusetts (Apr 2015) 100% Authorship
169. **Old M**, Yu J, Jamie-Ramirez A, Caserta E, Teknos T, Pichiorri F, Kaur B. "Synergistic Cytotoxicity of Reovirus in Combination with Histone Deacetylase Inhibitors in the Treatment of Squamous Cell Carcinoma of the Head and Neck", Presented at AHNS Annual Meeting, Boston, MA (April 2015)
170. Kim L, Subbarayan R, Waltonen J, Swanson B, Schuller DE, Ozer E, Teknos TN, **Old MO**, Carrau RL, Agrawal A, Unspecified. "Squamous Cell Carcinoma of the Head and Neck of Unknown Primary: A Fifteen-Year Single Institution Experience." Presented at AHNS, Boston, Massachusetts (Apr 2015) 100% Authorship
171. Martin DD, Schord J, Brown N, Ali SA, Kumar B, Carrau RL, Ozer E, Agrawal A, Schuller DE, Teknos TN, **Old MO**, Unspecified. "Importance of Comorbidities, Age, and Patient Stratification in Oral Cavity Squamous Cell Carcinoma." Presented at AHNS, Boston, Massachusetts (Apr 2015) 100% Authorship
172. **Old MO**, Ghanem T, Discussant. "Controversies in Head and Neck Reconstruction." Presented at AHNS, Boston, Massachusetts (Apr 2015) 100% Authorship
173. **Old MO**, Ahmed S, Otto B. Invited Lecturer. "Challenges in Reconstruction of the Skull Base" Presented at the State-of-the-Art Endoscopic Skull Base Surgery Course (Oct 2014)
174. **Old MO**, Shad A. Invited Panelist. "Round Table: When the First Chance is the Best and Maybe Only Chance: Endoscopic Treatment of Malignancies and Complex Lesions" Presented at the State-of-the-Art Endoscopic Skull Base Surgery Course (Oct 2014)
175. Blakaj D, Walston S, Kumar B, Choudhary M, Palanichamy K, Nolan N, Miller E, Bhatt A, Diavolitis V, Grecula J, **Old MO**, Kumar P, Teknos TN, Chakravarti A, Unspecified. "Papillomavirus E2 Protein as a Biomarker for Radiation Sensitivity: E2 Protein Disruption as a Surrogate for Radiation Sensitivity in HPV Associated Head and Neck Squamous Cell Carcinoma." Presented at IFHNOS 5th World Congress, New York, New York (Jul 2014) 100% Authorship
176. Celik O, Durmus K, **Old MO**, Agrawal A, Arshad H, Teknos TN, Ozer E, Unspecified. "Anterolateral Thigh Free Flap in Replacement for Radial Forearm Free Flap: Comparison of Complications and Outcomes." Presented at IFHNOS 5th World Congress, New York, New York (Jul 2014) 100% Authorship
177. Durmus K, Patwa HS, Kucur C, Teknos TN, Agrawal A, **Old MO**, Ozer E, Unspecified. "Functional and Quality of Life Outcomes of Transoral Robotic Surgery for Carcinoma of Unknown Primary: A Prospective Cohort Study." Presented at IFHNOS 5th World Congress, New York, New York (Jul 2014) 100% Authorship
178. Dziegielewski P, Durmus K, **Old MO**, Marcinow A, Teknos TN, Agrawal A, Ozer E, Unspecified. "Transoral Robotic Surgery for Tonsil Cancer: Addressing the Contralateral Tonsil." Presented at IFHNOS 5th World Congress, New York, New York (Jul 2014) 100% Authorship
179. Kucur C, Durmus K, **Old MO**, Agrawal A, Arshad H, Teknos TN, Ozer E, Unspecified. "Management of Complications and Compromised Free Flaps Following Major Head and Neck Surgery." Presented at IFHNOS 5th World Congress, New York, New York (Jul 2014) 100% Authorship
180. Kucur C, Durmus K, **Old MO**, Agrawal A, Teknos TN, Ozer E, Unspecified. "Analysis of Lymph Node Metastases in Patients Treated with Transoral Robotic Surgery for Oropharyngeal Cancer." Presented at IFHNOS 5th World Congress, New York, New York (Jul 2014) 100% Authorship
181. Kumar B, Brown NV, Leon ME, Zhao W, **Old MO**, Agrawal A, Ozer, E, Schuller DE, Kumar P, Teknos TN, Unspecified. "Do EGFR Expression and Gene Copy Number Influence Outcome in Surgically Treated Oropharyngeal Cancer (OPSCC)?." Presented at IFHNOS 5th World Congress, New York, New York (Jul 2014) 100% Authorship
182. **Old MO**, Yu JG, Yoo JY, Teknos TN, Kaur B, Unspecified. "Bortezomib Enhances OHSV (34.5ENVE) Antitumor Activity in Head and Neck Squamous Cell Carcinoma by Inducing Multiple Signaling Pathways and Necroptotic Cell-Death." Presented at IFHNOS 5th World Congress, New York, New York (Jul 2014) 100% Authorship
183. Teknos TN, Chan J, **Old MO**, Dziegielewski P, Tweel B, Unspecified. "Analysis of Risk Factors for Post Operative Delirium in Free Tissue Transfer Patients." Presented at IFHNOS 5th World Congress, New York, New York (Jul 2014) 100% Authorship

184. Tweel B, Dziegielewska P, Phillips K, Sitapara J, Carrau R, Ozer E, Agrawal A, **Old MO**, Teknos TN, Unspecified. "Determinants of Quality and Outcomes in Head and Neck Free Flap Surgery at a Major Academic Institution." Presented at IFHNOS 5th World Congress, New York City, New York (Jul 2014) 100% Authorship
185. Tweel B, Dziegielewska P, Phillips K, Sitapara J, Carrau R, Ozer E, Agrawal A, **Old MO**, Teknos TN, Unspecified. "Readmission, Reoperation and Length of Stay in Head and Neck Free Flap Surgery at a Major Academic Institution." Presented at IFHNOS 5th World Congress, New York, New York (Jul 2014) 100% Authorship
186. Yadav A, Kumar B, Yu JG, **Old MO**, Teknos TN, Kumar P, Unspecified. "Tumor-Associated Endothelial Cells Promote Tumor Metastasis by Chaperoning Circulating Tumor Cells and Protecting Them from Anoikis." Presented at IFHNOS 5th World Congress, New York, New York (Jul 2014) 100% Authorship
187. **Old MO**, Solares CA, Kassam A. Invited Panelist. "Round Table: When the First Chance is the Best and Maybe Only Chance: Endoscopic Treatment of Malignancies and Complex Lesions" State-of-the-Art Endoscopic Skull Base Surgery Course (May 2014)
188. Martin D, Schord J, Ali S, Brown N, Agrawal A, Ozer O, Carrau R, Schuller D, Kumar B, Teknos T, **Old M**, Poster Presenter. "Predictors and outcomes of overall survival in oral cavity squamous cell carcinoma." Presented at OSUCCC Annual Scientific Conference (Apr 2014) 100% Authorship
189. **Old MO**, Presenter. "Alcohol Abstinence Protocol in Surgical Head and Neck Cancer Patients." Presented at The Ohio State Clinical Quality and Patient Safety Committee Meeting (Apr 2014) 100% Authorship
190. Schord J, Ali S, Martin D, Brown N, Agrawal A, Ozer O, Carrau R, Schuller D, Kumar B, Teknos T, **Old M**, Poster Presenter. "Predictors of Perioperative Outcomes and Complications in Oral Cavity Squamous Cell Carcinoma." Presented at OSUCCC Annual Scientific Conference (Apr 2014) 100% Authorship
191. Marcinow A, Teknos T, Agrawal A, Ozer E, Carrau R, Schuller D, **Old M**, Poster Presenter. "A retrospective case-control cohort evaluation of the effectiveness of hyperbaric oxygen therapy (HBOT) for the prevention of post-operative complications in patients undergoing salvage head and neck surgery." Presented at 2014 Multidisciplinary Head and Neck Cancer Symposium JW Marriott Camelback Inn Resort and Spa, Scottsdale, Arizona, United States. (Feb 2014) 100% Authorship
192. B. Kumar, M. J. Cipolla, N. Arradaza, P. E. Wakely, F. Yan, A. Schmitt, P. Kumar, R. A. Baiocchi, T. N. Teknos, **M. Old**, Poster Presenter. "High Expression Of PRMT5 And Cyclin D1 Is Associated With Poor Outcome In Oropharyngeal Squamous Cell Carcinoma (OPSCC) Patients And Is Inversely Associated With p16 Status." Presented at 2014 Multidisciplinary Head and Neck Cancer Symposium JW Marriott Camelback Inn Resort and Spa, Scottsdale, Arizona, United States. (Feb 2014) 100% Authorship
193. **Old, MO**, Presenter. "BS 6: Reconstruction of Large Craniofacial Defects." Presented at North American Skull Base Society (NASBS) Meeting: Defining Value Based Care, Peers within Field. Manchester Grand Hyatt, San Diego, California, United States. (Feb 2014) 100% Authorship
194. **Old, MO**, Presenter. "The Head and Neck Surgical Patient." Presented at the Department of Otolaryngology Grand Rounds. (Feb 2014)
195. **Old, MO**, Presenter. "Comparing Conventional Surgery to TORS in 2014." Presented at 2014 Multidisciplinary Head and Neck Cancer Symposium, Peers within Field. JW Marriott Camelback Inn Resort and Spa, Scottsdale, Arizona, United States. (Feb 2014) 100% Authorship
196. **Old MO**, Lecturer. "Oncolytic Viral Therapy and Head and Neck Cancer." Presented at OSU/UC/CCHMC Head and Neck Cancer Research Group, Peers within Field. Eye and Ear Institute, Columbus, Ohio, United States. (Jan 2014) 100% Authorship. Researched and prepared data for slide presentation and ensuing discussion.
197. Dziegielewska PT, Teknos TN, **Old MO**, et al, Presenter. "Predictors and Cost of Readmissions at an Academic Head and Neck Cancer Service." Presented at Annual Meeting & OTO EXPO, Peers within Field., Vancouver, Canada. (Sep 2013) 20% Authorship. preparation, accrual of patients.
198. **Old MO**. Invited Lecturer. "Endoscopic Anterior Skull Base Resection for Sinonasal Malignancy: Principles and Outcomes" Presented at State-of-the-Art Endoscopic Skull Base Surgery Course (May 2013)
199. Yadav A, Kumar B, Yu J, **Old M**, Teknos T, Kumar P, Poster Presenter. "Tumor-associated Endothelial Cells Promote Tumor Metastasis by Chaperoning Circulating Tumor Cells and Protecting Them from Anoikis." Presented at Combined Otolaryngology Spring Meetings (COSM) JW Marriott Grande Lakes, Orlando, Florida, United States. (Apr 2013) 10% Authorship. Data analysis and manuscript preparation.
200. Kaka A, Kumar B, Kumar P, Wakely P, Kirsch C, **Old M**, Agrawal A, et al, Poster Presenter. "Highly Aggressive HPV-Related Oropharyngeal Cancer: Clinical, Radiologic, and Pathologic Characteristics." Presented at Combined Otolaryngology Spring Meetings (COSM), Peers within Field. JW Marriott Grande Lakes, Orlando, Florida, United States. (Apr 2013) 10% Authorship. Patient care and data collection, data analysis and manuscript preparation.
201. Bhavna Kumar, Michael Cipolla, Nicole Arradaz, Peter Dziegielewska, Kasim Durmus, Enver Ozer, et al, Poster Presenter. "Surgical Management of Oropharyngeal Squamous Cell Carcinoma: Survival & Functional Outcomes." Presented at Combined Otolaryngology Spring Meetings (COSM), Peers within Field. JW Marriott Grande Lakes, Orlando, Florida, United States. (Apr 2013) 15% Authorship. Patient care and data collection, data analysis and manuscript preparation.
202. Boyce B, **Old M**, Teknos T, Baiocchi R, Zhang M, Pan Q, Poster Presenter. "Inhibition of Protein Arginine Methyltransferase-5 (PRMT-5) Decreases Cell Growth, Division and Migration in Head and Neck Squamous Cell Carcinoma." Presented at

- Combined Otolaryngology Spring Meetings (COSM), Peers within Field. JW Marriott Grande Lakes, Orlando, Florida, United States. (Apr 2013) 30% Authorship. Experimental design, data analysis, and manuscript preparation.
203. Kim L, Waltonen J, Schuller D, Ozer E, Teknos T, **Old M**, et al, Poster Presenter. "Squamous Cell Carcinoma of the Head and Neck of Unknown Primary: A Fifteen Year Single Institution Experience." Presented at Combined Otolaryngology Spring Meetings (COSM), Peers within Field. JW Marriott Grande Lakes, Orlando, Florida, United States. (Apr 2013) 10% Authorship. Data analysis and manuscript preparation.
204. **Old MO** & Teknos TN, Lecturer. "Best Practices in Oral Cancer Screening and Diagnosis." Presented at Joan's Foundation's Best Practices Workshop, Other. The Venue at Doc580, Columbus, Ohio, United States. (Apr 2013) 100% Authorship
205. **Old MO**, Yu J, Yoo J, Hurhuiz B, Boyard C, Pan Q, Kumar P, et al, Poster Presenter. "Enhancement of Antitumor Activity of OHSV (34.5ENVE) for Head and Neck Squamous Cell Carcinoma by Bortezomib." Presented at Combined Otolaryngology Spring Meetings (COSM), Peers within Field. JW Marriott Grande Lakes, Orlando, Florida, United States. (Apr 2013) 70% Authorship. Experimental design, data analysis, and manuscript preparation.
206. Dziegielewski P, Durmus K, Teknos T, **Old M**, Agrawal A, Kakarala K, Ozer E, Discussant. "Transoral Robotic Surgery for Oropharyngeal Cancer: Long Term Quality of Life and Functional Outcomes." Presented at Combined Otolaryngology Spring Meetings (COSM), Peers within Field. JW Marriott Grande Lakes, Orlando, Florida, United States. (Apr 2013) 100% Authorship
207. Dziegielewski P, Teknos T, **Old M**, Agrawal A, Kakarala K, & Ozer E, Unspecified. "Transoral Robotic Surgery for Oropharyngeal Cancer: Long Term Quality of Life and Functional Outcomes." Presented at Combined Otolaryngology Spring Meetings (COSM), Peers within Field. JW Marriott Grande Lakes, Orlando, Florida, United States. (Apr 2013) 10% Authorship. Patient care and data collection, data analysis and manuscript preparation.
208. Teknos TN, **Old MO**, Ozer E, Agrawal A, Carrau R, Savvides P, Chao B, et al, Poster Presenter. "A Phase I Trial of Vorinostat in Combination with Standard Chemoradiation Therapy in Advanced Oropharyngeal Squamous Cell Carcinoma: Preliminary Results." Presented at 18th NCCN Annual Conference: Advancing the Standard of Cancer Care, Peers within Field. Westin Dilmomat, Hollywood, Florida, United States. (Mar 2013) 10% Authorship. Patient care and data collection, manuscript preparation.
209. **Old M**, Presenter. "Head and Neck Cancer Overview and Examination." Presented at The Joan's Foundation Dental Community Partnership Columbus, OH (Oct 2012) 100% Authorship
210. Durmus K, Kakarala K, **Old MO**, Teknos TN, Ozer E, Poster Presenter. "Anterolateral Thigh Butterfly Free Flap Reconstruction For Peristomal Recurrence Following Laryngectomy." Presented at American College of Surgeons 98th Annual Clinical Congress, Peers within Field., Chicago, Illinois, United States. (Sep 2012) 15% Authorship. Patient care and data collection, manuscript preparation.
211. Kasim Durmus, MD; Kiran Kakarala, MD; **Matthew O Old, MD**; Theodoros N Teknos, MD; Enver Ozer, MD, Poster Presenter. "Anterolateral Thigh Butterfly Free Flap Reconstruction for Peristomal Recurrence following Laryngectomy." Presented at American College of Surgeons 98th Annual Clinical Congress, Peers within Field. Mosconi Convention Center, San Francisco, California, United States. (Sep 2012) 10% Authorship. Patient care and data collection, data analysis and manuscript preparation.
212. **Old M**, Yu JG, Yoo JY, Kaka A, Pan Q, Kumar P, Kumar B, Mazar A, Teknos TN, Kaur B, Poster Presenter. "Rescue and enhancement of oncolytic HSV therapy via copper chelation with ATN-224 in head and neck squamous cell carcinoma." Presented at 8th International Conference on Head & Neck Cancer (Jul 2012) 75% Authorship. Experimental design, data analysis, and manuscript preparation.
213. **Old MO**, Kumar B, Cipolla M, Burgers J, Wakley PE, Arradaza N, Yan F, Teknos TN, Baiocchi RA., Presenter. "PRMT-5 expression in oropharynx squamous cell carcinoma patients may be predictive of overall survival and inversely related to." Presented at 8th International Conference on Head & Neck Cancer (Jul 2012) 50% Authorship. Experimental design, data analysis, and manuscript preparation.
214. **Old MO**, Presenter. "Head and Neck Cancer." Presented at Ohio Dental Association Conference (Apr 2012) 100% Authorship
215. Al-Sheibani SA, Carrau RL, Prevedello DM., Synderman CH, Otto BA, **Old M**, Editor. "Endoscopic Transpterygoid Nasopharyngectomy." Presented at North American Skull Base Conference (Feb 2012) 15% Authorship. Patient care and data collection, data analysis and manuscript preparation.
216. Carrau RL, Ozer E, Prevedello D, Otto BA, **Old M**, Editor. "Applications of Transoral, Transcervical, Transnasal and Transfacial Corridors for Robotic Surgery of the Skull Base." Presented at North American Skull Base Society (Feb 2012) 15% Authorship. Patient care and data collection, data analysis and manuscript preparation.
217. Filho LFD, Lara D, Mafaldo RC, **Old MO**, Otto BA, Carrau RC, Prevedello, Editor. "Bone Invasion in Skull Base Meningiomas Resected by Expanded Endonasal Endoscopic Approaches." Presented at North American Skull Base Society (Feb 2012) 15% Authorship. Patient care and data collection, data analysis and manuscript preparation.
218. **Old M**, Kakarala K, Agrawal A, Ozer E, Carrau R, Ammirati M, Prevedello D, Teknos T, Editor. "Practical Approach to Microvascular Reconstruction of Significant Skull Base Defects." Presented at North American Skull Base Society (Feb 2012) 50% Authorship. Patient care and data collection, data analysis and manuscript preparation.
219. Ong YK, Solares A, Carrau RL, Prevedello DM, Kassam AB, Otto BA, **Old MO**, Editor. "Preservation of Olfactory Function Following Endoscopic Resection of Select Malignancies of the Nasal Vault." Presented at North American Skull Base Society

- (Feb 2012) 10% Authorship. Patient care and data collection, data analysis and manuscript preparation.
220. Otto B, Carrau R, Prevedello DM, **Old MO**, Filho LFD, Lara D, Mafaldo RC, Editor. "Middle Turbinate Vascularized Flap: Applications in Skull Base Reconstruction." Presented at North American Skull Base Society (Feb 2012) 10% Authorship. Patient care and data collection, data analysis and manuscript preparation.
 221. Otto BA, Carrau RL, Prevedello DM, **Old MO**, Lara D, Filho LFD, Mafaldo RC, Editor. "Frontal Sinus Window for Minimally Invasive Access to the Frontal Sinus and Anterior Skull Case." Presented at North American Skull Base Society (Feb 2012) 15% Authorship. Patient care and data collection, data analysis and manuscript preparation.
 222. **Old MO**, Presenter. "Shifting Etiology and Treatment Patterns in Oropharyngeal Carcinoma." Presented at Wyandot Memorial Hospital Grand Rounds and Tumor Board, Upper Sandusky (Jun 2011)
 223. **Old M**, Yu JG, Kaka A, Yoo JY, Teknos N, Kaur B. ATN 224, Presenter. "Enhances Oncolytic HSV Therapy in Squamous Cell Carcinomas." Presented at International Oncolytic Virus Meeting Las Vegas, NV (May 2011) 100% Authorship
 224. **Old MO**, Presenter. "Oral Cavity and Salivary Gland Cancer." Presented at The Greater Columbus Society for Contemporary Dentistry Meeting, Columbus, OH (May 2011) 100% Authorship
 225. **Old MO**, Presenter. "Shifting Etiology and Treatment Patterns in Oropharyngeal Carcinoma." Presented at Springfield Regional Medical Center Grand Rounds and Tumor Conference, Springfield, OH (May 2011) 100% Authorship
 226. **Old MO**, Yu JG, Kaka A, Yoo JY, Teknos N, Kaur B., Poster Presenter. "ATN 224 Enhances Oncolytic HSV Therapy in Squamous Cell Carcinomas." Presented at Ohio State University CCTS Annual Meeting The Ohio State University (May 2011) 100% Authorship
 227. Hurtuk A, Marcinow A, Agrawal A, **Old M**, Teknos T, Ozer E, Presenter. "Quality of Life Outcome in Transoral Robotic Surgery." Presented at Combined Otolaryngology Society Meeting (Apr 2011) 20% Authorship. Recruited patients, treated and evaluated patients.
 228. **Old MO**, Presenter. "Shifting Etiology and Treatment Patterns in Oropharyngeal Carcinoma." Presented at Upper Valley Regional Medical Center Grand Rounds and Tumor Conference, Troy, OH (Mar 2011) 100% Authorship
 229. **Old M**, Yu JG, Kaka A, Yoo JY, Teknos N, Kaur B, Poster Presenter. "Novel Oncolytic HSV Therapy in Squamous Cell Carcinoma." Presented at OSU CCTS Pilot Studies Colloquium (Nov 2010) 100% Authorship
 230. **Old MO**, Yu JG, Kaur B, Teknos T, Presenter. "Herpes Oncolytic Viral Therapy in Head and Neck Cancer." Presented at American Head and Neck Society 2010 Research Workshop on the Biology, Prevention and Treatment of Head and Neck Cancer (Oct 2010) 100% Authorship
 231. **Old MO**, Yu JG, Kaur B, Teknos T, Presenter. "Herpes Oncolytic Viral Therapy in Head and Neck Cancer." Presented at BIT's 3rd Annual World Cancer Congress Singapore EXPO, Singapore. (Jun 2010) 75% Authorship. Experimental design, data analysis, and manuscript preparation.
 232. Teknos TN, **Old MO**, Unspecified. "The Use of Tetrathiomolybdate in Head and Neck Cancer." Presented at BIT's 3rd Annual World Cancer Congress Singapore EXPO, Singapore. (Jun 2010) 50% Authorship
 233. **Old MO**, Nettekville JL, Unspecified. "Surgical Principles of Revision Medialization Laryngoplasty." Presented at Combined Otolaryngology Society Meeting (May 2009) 100% Authorship
 234. **Old MO**, Unspecified. "Development of a Model to Characterize Spontaneous Laryngeal Reinnervation Following Recurrent Laryngeal Nerve Resection." Presented at Michigan Otolaryngologic Society Annual Meeting (Jul 2007) 100% Authorship
 235. **Old MO**, Unspecified. "A Novel Model to Evaluate Spontaneous Laryngeal Reinnervation." Presented at University of Michigan Krause Lectureship (Jun 2007) 100% Authorship
 236. **Old MO**, Unspecified. "In Vivo Laryngeal Nerve Regeneration." Presented at University of Michigan Krause Lectureship (Jun 2006) 100% Authorship
 237. **Old MO**, Zhou X, Tan FK, Wallis D, Milewicz DM, Arnett FC, Unspecified. "Gene expression profiles of scleromyxedema patient fibroblasts." Presented at American College of Rheumatology Annual Meeting, New Orleans, Louisiana (Oct 2002) 100% Authorship
 238. **Old MO**, Martinez C, Kwock D, Garcia J, Maldonado YA, Unspecified. "A novel fecal extraction method to identify Sabin vaccine viruses among infants receiving OPV after previous IPV administration." Presented at American Pediatric Society, San Francisco, California (May 1999) 100% Authorship
 239. **Old MO**, Maldonado YA, Unspecified. "Development of Sabin Type 3 Poliovaccine constructs with and without a single base pair mutation associated with neuroreversion of Sabin Type 3." Presented at American Pediatric Society, New Orleans, Louisiana (Apr 1998)
 240. **Old MO**, Satterfield TS, Maldonado YA, Unspecified. "Development of guanidine thiocyanate extraction method for isolation of Sabin viruses from human fecal samples." Presented at Infectious Disease Society of America, Denver, Colorado (Jan 1998) 100% Authorship
 241. **Old MO**, Logan L, Maldonado YA, Unspecified. "Development of chemiluminescent probe hybridization, RT-PCR and nucleic acid cycle sequencing assays of Sabin type 3 isolates to identify base pair 472 mutants associated with vaccine-associated paralytic poliomyelitis." Presented at Infectious Disease Society of America, San Francisco, California (Sep 1997) 100% Authorship
 242. **Old MO**, Logan L, Maldonado YA, Presenter. "A unique nucleic acid probe for screening Sabin type 3 poliovirus revertants." Presented at Western Society for Pediatric Research, Carmel, California (Feb 1997) 100% Authorship

RESEARCH ACTIVITIES

GRANTS / CONTRACTS / CLINICAL TRIALS

1. Surgical PI: OSU 20297: Salvage Phase I: Pembro + peri-op RT in combo w/salvage sx and intraop RT
2. OSU-15184; Neoadj pembro in advance surgically resectable H&N SCC
3. OSU-19256; Nivo + BMS986205 vs. Nivo alone in advance surgically resectable H&N SCC
4. August 2021 – Present: RTOG-0920; A Phase III Study of Postoperative Radiation Therapy (IMRT) +/- Cetuximab for Locally-Advanced Resected Head. *Radiation Therapy With or Without Cetuximab in Treating Patients Who Have Undergone Surgery for Locally Advanced Head and Neck Cancer*. Sponsor: Radiation Therapy Oncology Group.
5. February 2020 – Present: OSU 19156 - *Window-of-opportunity trial of Nivolumab and BMS986205 in patients with squamous cell carcinoma of the head and neck (CA017-087)*. IIT with Jefferson. Clinical Trial. Funding Agency: Sidney Kimmel Cancer Center at Thomas Jefferson University & Bristol-Myers Squibb. Grant Number: NCT03238365. Total funding: \$139,500.00. Site Principle Investigator and Co-PI of entire trial: **Old MO**.
6. February 2020 – Present: OSU 19003. *A Phase III, Randomized, Open-label Study to Evaluate Pembrolizumab as Neoadjuvant Therapy and in Combination With Standard of Care as Adjuvant Therapy for Stage III-IVA Resectable Locoregionally Advanced Head and Neck Squamous Cell Carcinoma (LA HNSCC)*. Funding Agency: Merck Sharp & Dohme Corp. Grant Number: NCT03765918 / 3475-689 / MK-3475-689. Total funding: \$1,853,370.50. PI of site and Co-PI of entire trial: **Old MO**.
7. November 2019: **Old, Matthew**, “A Phase 1B Multicenter Pre-Surgical Study to Evaluate Immune Biomarker Modulation in Response to Motolimod (VTX-2337) in Combination with Nivolumab in Subjects with Resectable Squamous Cell Carcinoma of the Head and Neck (SCCHN).” Celgene. \$368,554.26 (USD). Principal Investigator.
8. 2019: **Old, MO**, “Phase II Trial of Adjuvant Cisplatin and Radiation With Pembrolizumab in Resected Head and Neck Squamous Cell Carcinoma” Merck Sharp & Dohme Corp. Principle Investigator.
9. 2019: **Old, MO**; “Nivolumab and BMS986205 in Treating Patients With Stage II-IV Squamous Cell Cancer of the Head and Neck” Bristol-Myers Squibb. Principal Investigator.
10. July 2019: **Old, Matthew**; Agrawal, Amit; Carrau, Ricardo; Kang, Stephen; Ozer, Enver; Seim, Nolan. “A Phase III, Randomized, Open-label Study to Evaluate Pembrolizumab as Neoadjuvant Therapy and in Combination With Standard of Care as Adjuvant Therapy for Stage III-IV A Resectable Locoregionally Advanced Head and Neck Squamous Cell Carcinoma MK-3475-PN689” Merck Sharp & Dohme Corp.
11. April 2017: **Old, Matthew**; "A Phase II Randomized, Double-Blind, Placebo-Controlled Clinical Trial to Determine the Safety and Efficacy of GL-0817 (with Cyclophosphamide) for the Prevention of Recurrence in HLA-A2+ Patients with High-Risk Squamous Cell Carcinoma of the Oral Cavity" Gliknik, Inc. Principal Investigator.
12. September 2016: Sep 2016 **Old MO**; Zender C, "International Head and Neck Microvascular Fellow Bootcamp". Synovis. \$2,500 (USD). Program Director.
13. September 2016: Sep 2016 **Old MO**; Zender C, "International Head and Neck Microvascular Fellow Bootcamp" KLS Martin. \$50,000 (USD). Program Director.
14. September 2016: Sep 2016 **Old MO**; Zender C, "International Head and Neck Microvascular Fellow Bootcamp" Cook Medical. \$1,000 (USD). Program Director.
15. September 2016: Sep 2016 **Old MO**; Zender C, "International Head and Neck Microvascular Fellow Bootcamp" Ethicon. \$1,200 (USD). Program Director.
16. February 2016: **Old MO**. Pan/Arora, "R01GM117921, p53/Rb Reactivation Modulators for HPV-positive Head and Neck Cancer" NIH/NIGMS. Co-Investigator.
17. April 2015: **Old MO**, "Phase I/II Clinical Trial of Sorafenib in Combination with Cisplatin and Docetaxel in Patients with Recurrent/Metastatic Squamous Cell Carcinoma of the Head and Neck (SCCHN)" Bayer. Principal Investigator.
18. January 2013 **Old M**, "OSUCCC Viral Oncology Program (VOP) Research Award" OSUCCC VOP Program. \$32,604 (USD). Principal Investigator.
19. July 2012: **Old MO**, Khandelwal S, Teknos TN, Agrawal A, Ozer E, Carrau R, Marcinow A, "A prospective, single-arm clinical trial evaluating hyperbaric oxygen therapy (HBOT) for the prevention of post-operative complications in patients undergoing salvage or reconstructive head and neck surgery following radiation or chemoradiation" Pelotonia/James Cancer Hospital, Wexner Medical Center and The Ohio State University. \$150,000 (USD). Co-Principal Investigator.
20. May 2013: **Old MO**, "Overcoming resistance to apoptosis and proteasome inhibition in cancer therapy with oncolytic herpes viruses" V Foundation for Cancer Research. \$4,000,000 (USD). Principal Investigator.
21. June 2012: **Matthew Old**, Cheryl London, Balveen Kaur, William Kisseberth, "Modeling ATN-224 copper chelation/oncolytic HSV therapy in spontaneous canine cancer" Pelotonia Research Award. Multi-PI.
22. November 2011: **Old MO**, "Cellular predictors and modulation of herpes oncolytic viral therapy in squamous cell carcinoma" American Cancer Society. Principal Investigator.
23. August 2011: **Old MO**, "Cellular predictors and modulation of herpes oncolytic viral therapy in squamous cell carcinoma" Pelotonia Idea Grant. Principal Investigator.

24. March 2011: **Old MO**, "ATN-224 enhances oncolytic HSV therapy in squamous cell carcinoma;" National Comprehensive Cancer Network Young Investigator Award, Principal Investigator.
25. March 2011: **Old MO**, "Cellular predictors and modulation of herpes oncolytic viral therapy in squamous cell carcinoma." Alliance for Cancer Gene Therapy, The Fund for Discovery. Principal Investigator.
26. January 2011: **Old MO**, "ATN224 enhances oncolytic HSV therapy in squamous cell carcinoma." American Academy of Otolaryngology, AHNS/AAO-HNSF Surgeon Scientist Career Development Award. Principal Investigator.
27. September 2010: Gillison M, **Old M**, "Pilot studies with Newly Diagnosed Squamous Cell Carcinoma of the Oropharynx" Gillison. Co- Principal Investigator.
28. June 2010 - May 2011: **Matthew Old**, "Jan 2010 - Jan 2010, Center for Clinical and Translational Science Pilot Grant, Richard P. and Marie R. Bremer Medical Research Fund and William H. Davis Endowment for Basic Medical Research" National Institutes of Health. \$45,000 (USD). Principal Investigator.
29. June 2010: **Matthew Old, MD**, "The Joan Bisesi Memorial Career Development Grant" Joan Bisesi Memorial Research Fund. \$40,000 (USD). Principal Investigator.
30. December 2009: **Old MO**, "Novel approach to oncolytic herpes simplex virus therapy in head and neck squamous cell carcinoma." The Sidney Kimmel Foundation for Cancer Research Kimmel Scholar Award and Kimmel Translational Science Award. Principal Investigator.
31. December 2009: **Old MO**, "Novel Oncolytic Virus Therapy in Squamous Cell Carcinoma" American Cancer Society. Principal Investigator.
32. December 2009: Pan Q, **Old M**, "ePA-005" OSUMC. Co-Principal Investigator.
33. October 2009: Agrawal A, **Old M**, "OSU-08149: A Phase 3, Prospective, Open-Label, Multicenter Study of Lymphoseek® as Lymphoid Tissue Targeting Agent in Patients With Known Cutaneous or Mucosal Head and Neck Squamous Cell Carcinoma Who Are Undergoing Lymphadenectomy" Navidea Biopharmaceuticals. Co-Principal Investigator.
34. January 2009: Ozer, Enver, **Old M**, "OSU-07061: A Pilot Study Assessing Transoral Robotic Surgery (TORS) for Oral and Laryngopharyngeal Benign and Malignant Lesions Using the Da Vinci Robotic Surgical System" N/A. Co-Investigator.
35. January 2009: Agrawal A, **Old M**, "OSU-06132: A Pilot Study Evaluating Long-Term Oral Administration of Freeze-Dried Black Raspberries in Post-Surgical Appalachian Oral Cancer Patients" none. Co-Principal Investigator.
36. January 2009: Agrawal A, **Old M**, "OSU-07085: Food Based Modulation of Biomarkers in Human Tissues at High-Risk for Oral Cancer" NCI. Co-Principal Investigator.
37. January 2009: Agrawal A, **Old M**, "OSU-0497: A Phase Ib Pilot Study Evaluating Oral Administration of Freeze-Dried Black Raspberries in Pre-Surgical Patients with Oral Squamous Cell Carcinoma" Self. Co-Principal Investigator.
38. Jan 2007 Ozer E, "A Pilot Study Assessing Transoral Robotic Surgery (TORS) for Oral and Laryngopharyngeal Benign and Malignant Lesions Using the Da Vinci Robotic Surgical System" none. Co-Principal Investigator: **Old M**.

SERVICE

ADVISING STUDENT GROUPS

May 2012 - 2016: *Advisor*, College of Medicine Learning Community, The Ohio State University

CLINICAL INTERESTS

Otolaryngology, Head and Neck Microvascular Reconstruction, Skull Base Surgery

CLINICAL SERVICE

2021 – Present: *Member*, OSU Medical Documentation Committee.

May 2018 - Present: *Co-Director*, The James Cancer Center Surgical Services.

October 2017 - Present: *Member*, OR Block Committee, The James Cancer Center Surgical Services.

February 2017 - Present: *Officer of the Day*, Surgeon, OSUWMC and James Cancer Hospital.

June 2015 - March 2017: *Physician Advisor*, Utilization Management, The James Cancer Center.

August 2009 - Present: *Attending*, Otolaryngology - Head and Neck Surgery. James Cancer Hospital, Wexner Medical Center.

July 2013 – Present: *Appointed Committee Member*, Medical Staff Bylaws Committee, James Cancer Hospital.

EDITORSHIPS & REVIEWS

2022-2023: Guest Editor for Cancers: Title: Adenoid Cystic Carcinoma: Pathogenesis and Evolving Treatments

2022-2023: Guest Editor in special issue of Plastic and Aesthetic Research Journal

July 2021: Guest Editor Special Addition - PAR: Advances in Midface Reconstruction; ISDN 2349-6150

December 2021: Invited to author an Editorial for Omnia Health, "Multidisciplinary Precision Medicine Tumor Board for Head and Neck Cancer".

January 2021: Invited Guest Editor, *Plastic and Aesthetic Research*. Special Issue on "Advances in midface reconstruction".

October 2020: Invited to contribute an article to Dr. Matthew Spector's special issue from Plastic and Aesthetic Research (PAR), "New Advances in Head and Neck Reconstruction". Title of article: *Reconstruction of complex lateral and anterior craniofacial defects*.

2018 – Present: Reviewer, *Frontiers*.

May 2017 - 2021: Reviewer, *Oncotarget*.

September 2016: Invited Guest Editor, *Oral Oncology*. Special Reconstruction Edition for a fifteen-paper series, highlighting quality, value, techniques, and new technologies for head and neck reconstruction.

January 2016 - Present: Editorial Board, *Oral Oncology*.

January 2015 - Present: Reviewer, *Head and Neck*.

June 2013 - Present: Contributing Reviewer, NCCN Head and Neck Cancer Guidelines.

January 2013 - 2020: Editor, *BMC Cancer*.

January 2013 - 2020: Editor, *Anaplastology*.

August 2012 - Present: Reviewer, *Clinical Otolaryngology*.

January 2012 - 2020: Reviewer, *CNS Oncology*.

January 2012 - Present: Reviewer, *Journal of Surgical Oncology*.

January 2011 - Present: Reviewer, *Otolaryngology - Head and Neck Surgery*.

January 2009 - Present: Reviewer, *Laryngoscope*.

OTHER PROFESSIONAL/PUBLIC SERVICES

- July 9th, 2024: Episode 167: How the James Head & Neck Cancer Department Is Leading the Way, with Dr. Matthew Old. The James Cancer-Free World Podcast.
- August 29th, 2023: "HPV Awareness". Via WKR-TV 12.
- July 11th, 2023: "Heads up, Gen X – HPV-related cancers in men are on the rise. What you need to know". Via USA Today/Channel 12 and NBC.
- June, 2023: "Toward a Cancer Free World" segment on CBS-affiliate in Cincinnati, WKRC-TV 12. HPV, relationship with Head and Neck Cancer, preventive measures that can be taken, and studies that are currently being done to treat it.
- 2023: Premier Dental Community outreach - Critical Aspects of Dental Care in Head and Neck Cancer Treatment
- June 20, 2023: CBS Newspath Interview - HPV & Oral Cancer
- June 20, 2023: TV interview - WBNS-TV/Channel 10 Columbus - HPV and oral cancer
- June 14 2023: Media interview -Scripps News Service | rise in hpv related oral cancers
- June 13 2023: "HPV and Throat Cancers" Live interview WDTN Dayton

- March 28, 2023: “Toward a Cancer Free World” segment on CBS-affiliate in Cincinnati, WKRC-TV 12. HPV, relationship with Head and Neck Cancer, preventive measures that can be taken, and studies that are currently being done to treat it.
- May 2022: Oral Video Presentations to 4 Pelotons - Girls with Gears, COPC, MI Homes, Germain.
- January 2022: Interview with Kristi Morris - Toward a Cancer-Free World (TACFW) segment for The James, “Laser Mucositis Program”. January 20, 2022. Segment aired February 1, 2022 on WKRC-TV 12 in Cincinnati, Ohio.
- November 2021: Interview with Kristi Morris for Web Content, “Lip and Oral Cavity Cancer”.
- November 2021: ABC National News Media interview with Columbus Dispatch regarding Santino Carnevale Fundraising and Head and Neck Cancer.
- February 2020: The James Cancer – Free World Podcast. *Episode 56: Terry Keegan & Matt Old, A Brave Cancer Patient and His Dedicated Doctor.*
- April 2012 - Present: Conference Participation, Ongoing Volunteer Consultation, *The Joan’s Foundation Dental Community Partnership*, Columbus, OH.
- March 2012: Compensated Industry Consultant, *Pinnacle Biologic Pre-Study Laryngeal PDT Meeting*, Chicago, IL.
- January 2009 - Present: Community Service, Fundraising, *Pelotonia Team Head and Neck*, Columbus, OH.
- January 2004 - January 2008: Community Service Volunteer: *Hope Medical Clinic for under-served population*, Ypsilanti, MI.
- January 1999 - January 2002: Community Service Volunteer: *HOMES Clinic, Lyndon B. Johnson Hospital - Suture Room, Pediatric ER*. Houston, TX.

STRATEGIC INITIATIVES

September 2016: *Collaborator*, Interdisciplinary Research, Otolaryngology, The Ohio State University.

NARRATIVES

Biographical Narrative

I began my career at The Ohio State University in 2009 after completing my residency at the University of Michigan and fellowship at Vanderbilt University. Over the past 16 years, I have received two Department of Otolaryngology teaching awards, the 2024 James Outstanding Physician Peer Award, revamped the Otolaryngology curriculum, developed the premier international fellow reconstructive course, and was elected to the Courage to Teach and Mazzaferri-Ellison Master Clinicians’ Society while maintaining a robust clinical practice and research portfolio. My international course for head and neck microvascular surgery fellows is the American Head and Neck Society-endorsed course and attended by over 28 surgeons and 54 fellows annually here at OSU, reflects my commitment to innovative education and a vibrant academic environment, culture and reputation.

Since October 2017, as Head and Neck Division Director and Medical Director of the Head and Neck Service Line, I have managed over 200 faculty and staff, growing volume by more than 10% annually. Our service line now accounts for 20% or more of the volume of our cancer center in many disciplines. Under my leadership, I have helped recruit and hire seven surgeons, 3 scientists, 4 radiation and 2 medical oncologists, as well as dozens of speech therapists, nurses, advanced practitioners (both NP/PAs) and many other ancillary staff to support the increasing volume of head and neck cancer at OSU. I created and conducted the annual retreats of the entire service line since October of 2018 which has led to many different programmatic strategies. I lead our philanthropy for our service line, division and department and have raised over 2 million dollars for research mission. Over the last 9 years, I helped integrate our research and multidisciplinary tumor board as well as manage our clinical trial portfolio. We are one of the top accruing head and neck programs for the National Clinical Trial Network trials including those from Alliance, ECOG-ACRIN, and NRG Oncology.

With over 10 years of progressive leadership experience in oncology and a proven track record in healthcare quality, safety, and

performance improvement, I am prepared to partner with institutional leaders to define and implement The James' clinical vision. I have championed equitable health, driven patient safety and value-based care strategies, and supported physician recruitment, retention, and wellness. For instance, as a member of the Mortality Task Force, I identified key system opportunities and led redesign efforts that improved patient outcomes and our overall mortality scoring system wide. As Hematoma KPI Dyad Leader, I pinpointed an equipment issue and implemented changes that enhanced this critical indicator.

I am deeply committed to my fellow colleagues and junior faculty. As co-chair of the system-wide Dean-sponsored Faculty Engagement Group and Physician Engagement Group (2012-2022), I led initiatives that implemented system-wide changes to improve the work environment in multiple realms, enhancing morale, performance, and overall culture. I have significant experience in supporting the faculty and staff around me and actively engage those around me in my numerous roles in the tripartite mission as well as the OSU professionalism and PARS/CORS committee. Additionally, I have achieved successful annual patient satisfaction performance personally and across the service line for both outpatient and inpatient units, consistently driving excellence in quality, safety, outcomes, and experience.

CONTINUING EDUCATION / EXTENSION COURSES TAUGHT

January 2012: Webcast Segment, *Thyroid Cancer*, MedNet21, The Ohio State University Continuing Medical Education Webcast (OMEN). Local, regional, and international audience for continuing medical education.

NOTEWORTHY ACCOMPLISHMENTS - GRADUATE STUDENTS

Medical students who have received Roessler Scholarships and researched under Dr. Matthew Old's guidance:

2013: Daniel Martin

2013: Jeffrey Schord

2012: Keith Rosenberg

2012: Jigar Sitapara