

Sapna A. Patel

1) Personal Data

DOB: June 15, 1985

Birthplace: Gadsden, Alabama

2) Education

- University of Missouri- Kansas City School of Medicine
Medical Doctorate
Cum Laude
2003 - 2009
- University of Missouri- Kansas City
Bachelor of Liberal Arts
Summa Cum Laude
2003 - 2008
- Suncoast Community High School, Riviera Beach, FL
Dual degree in both Math, Science, & Engineering (MSE) and
International Baccalaureate (IB) magnet programs
1999 - 2003

3) Post-Graduate Training

- University of Washington, Department of Otolaryngology
Facial Plastics & Reconstructive Surgery fellow
2015 - 2016
- University of Washington, Department of Otolaryngology
Otolaryngology resident
2010 - 2015
- Basic Clinical Research Methods Certificate
University of Washington, School of Epidemiology
Mentor: Noel Weiss, MD PhD
2011- 2012
- Vanderbilt University
General Surgery Internship, PGY-1
2009 - 2010

4) Honors

- American Academy of Facial Plastics & Reconstructive Surgery John

Orlando Roe Best Clinical Research paper
Complication Rates in Delayed Mohs Micrographic Surgery
Reconstruction of the Head and Neck
July 2016

- American Academy of Otolaryngology Humanitarian Grant (\$1000)
2015-2016
- University of Missouri- Kansas City, School of Medicine
Women in Medicine Scholarship Achievement Citation
May 2009
- University of Missouri- Kansas City School of Medicine Student Research
Day
1st Place- "Patient characteristics and provider practice patterns for
emergency contraception in a pediatric emergency department"
Mentor: Melissa Miller, MD
April 2009
- Gold Humanism Honor Society
2008
- University of Missouri- Kansas City School of Medicine General Medicine
Scholarship \$1500
2006
- Golden Key International Honor Society
2004

5) Board Certification

- American Board of Otolaryngology
June 1, 2016 to June 30, 2026.

6) Medical License

- Washington State: MD 60546518
Expiration Date: 6/15/2018
- National Provider Identification 1043453533

7) Professional Organizations

- American Academy of Otolaryngology- Head & Neck Surgery, member
- American Academy of Facial Plastics & Reconstructive Surgery, associate

8) Research Funding

- NIH/NIDCD T32 Basic Science Training Grant
Reference Number: 5T32 DC000018-28
Mentors: Noel S. Weiss MD, DrPH; Eduardo Mendez, MD MS
2011-2012
- Sarah Morrison Grant Research Award \$1200
Mentor: Melissa Miller, MD
Title: Patient characteristics and provider practice patterns for emergency contraception in a pediatric emergency department
Feb. 2008

9) Bibliography

a) Manuscripts

- Conservative management of frontal sinus fractures- a new treatment algorithm for functional preservation
Sapna A. Patel, MD; Angelique Berens, MD; Karthik Devarajan, MD, MBA; Mark Whipple, MD; Kris Moe, MD
Accepted to JAMA Facial Plastics Surgery, June 2016
- Autologous Costochondral Microtia Reconstruction
Sapna A. Patel MD; Amit D. Bhrany MD; Craig S. Murakami MD; Kathleen C. Y. Sie MD;
Published to Facial Plastic Surgery, April 2016
PMID: 27097140
- Survival and Gastrostomy Prevalence in Patients With Oropharyngeal Cancer Treated With Transoral Robotic Surgery vs Chemoradiotherapy.
Arun Sharma, MD, MS; **Sapna Patel, MD**; Fred M. Baik, MD; Grant Mathison, MD; Brendan H. G. Pierce MD; Samir S. Khariwala, MD, MS; Bevan Yueh, MD, MPH; Stephen M. Schwartz, MPH, PhD; Eduardo Méndez, MD, MS
Published to JAMA- Otolaryngology Head & Neck Surgery, June 2016
PMID: 27347780
- Complication Rates in Delayed Mohs Micrographic Surgery Reconstruction of the Head and Neck
Sapna A. Patel MD; Jack J. Liu MD; Craig S. Murakami MD; Daniel Berg MD; Amit D. Bhrany MD
Published in JAMA Facial Plastics Surgery, May 2016
PMID: 27227423

- Late Tracheotomy is Associated with Higher Morbidity & Mortality in Mechanically Ventilated Patient
Sapna A. Patel MD; EK Plowman PhD; Stacey Halum MD; Al Merati MD; Maya G Sardesai, MD, Med
Published in Laryngoscope, September 2015
PMID: 26152892
- Head & Neck Free Flap Reconstruction in Patient Greater than Eighty Years of Age
Sapna A. Patel MD; Prabhat K. Bhamra MD; Umer Khan; Amit D. Bhrany, MD; Neal D. Futran, MD, DMD
Published in Journal of Reconstructive Microsurgery, July 2014
PMID: 25025506
- Role of Robotic Surgery for an Unknown Primary Head & Neck Squamous Cell Carcinoma
Sapna Patel MD; J. Scott Magnuson MD; F. Christopher Holsinger MD; Ron J. Karni MD; Jay K. Ferrell MD; Jeremy D. Richmon MD; Neil D. Gross MD; Amit D. Bhrany MD; Jay K. Ferrell MD; Samuel E. Ford; Aimee A. Kennedy MD Eduardo Méndez MD, MS
Published in JAMA- Otolaryngology Head & Neck Surgery, Nov. 2013
PMID: 24136446
- Review Article: Surgical Airway
Sapna Patel MD; Tanya K. Meyer MD
Published International Journal of Critical Illness and Injury Science, Jan. 2014
PMID: 24741501
- Congenital neurocristic tumor of the head and neck
Sapna Patel MD; Erin Rudzinski MD; Jonathan A. Perkins DO
Published in Laryngoscope, March 2013;
PMID: 23070857
- Battery ingestion leading to Bilateral Vocal Cord Paresis
Sapna Patel MD; Al Hillel MD; Jonathan A. Perkins DO
Published in JAMA- Otolaryngology Head & Neck Surgery, March 2013
PMID: 23657740
- Practice Patterns After Tracheotomy in Infants Younger Than 2 Years
Shannon Kraft, MD; **Sapna A. Patel MD**; Kevin Sykes MPH; Linda Gratny, MD, Julie Wei, MD
Published in Archives of Otolaryngology- Head & Neck Surgery, July 2011
PMID: 21502466
- Infantile Myofibroma in Right Nasal Cavity

Gary D. Josephson, MD; **Sapna A. Patel**; Laurie Duckworth, PhD; Jeffrey Goldstein, MD

Published in International Journal of Pediatric Otorhinolaryngology, Dec. 2010;

PMID: 20950870

- Case Report: Neurilemmoma presenting as a midline nasal mass in a pediatric patient
Gary D. Josephson, MD; **Sapna A. Patel**; Laurie Duckworth PhD; Melissa Kress DO, Jeffrey Goldstein, MD
Published in Ear, Nose, & Throat Journal in May 2010
PMID: 20461682
- High Yield Technique Diagnose Immotile Cilia Syndrome: A suggested algorithm
Gary D. Josephson, MD; **Sapna A. Patel**, Laurie Duckworth, PhD, Jeffrey Goldstein, MD
Published in Laryngoscope in 2010;
PMID: 21225838
- Patient characteristics and provider practice patterns for emergency contraception in a pediatric emergency department
Sapna Patel; Melissa Miller, MD; Denise Dowd, MD, MPH
Published in Pediatric Emergency Care, January 2010;
PMID: 20042915
- Fat Embolism: Evolution of Histopathological Changes in the Rat Lung
Terrence McIlff MD; Alan Poisner MD; PhD, Betty Herndon MD; Kamani Lankachandra MD; Shane Schutt MD; Berekeetab HaileSelassie; **Sapna Patel**, Tim Quinn; Federico Adler; Agostino Molteni MD, PhD
Published in Journal of Orthopedic Research in February 2010;
PMID: 9688870

b) Book Chapters

- *Clinical Laryngology: Benign Tumors of the Larynx*
Ed: J. Owen Zurhellen; Thieme Publishers, New York, NY; 2013
Sapna Patel MD, Al L. Merati MD
- *Cosmetic Otoplasty : The deep conchal bowl: Accentuation of the helical crus.*
Ed: Melvin Shiffrin.; Springer Publishing, Berlin, Heidelberg; 2013:
Sapna Patel MD, Kathleen Sie MD

c) Other publications

- In response to late tracheotomy is associated with higher morbidity and mortality in mechanically ventilated patients
Maya G. Sardesai, MD; **Sapna A. Patel MD**; Stacey Halum MD; EK Plowman PhD; Al Merati MD;
Laryngoscope. 2016 May;126(5):E208. doi: 10.1002/lary.25703. Epub 2015 Oct 9. No abstract available.
PMID: 26451962

d) Manuscripts in Submission

- Post-operative Therapy Following Transoral Robotic Surgery for Unknown Primary Cancers of the Head and Neck
Sapna A. Patel M; Aarthi Parvathaneni; Upendra Parvathaneni MD; Jeffrey J. Houlton MD; Ron J. Karni MD; Eduardo Méndez MD, MS
Submitted to JAMA- Otolaryngology Head & Neck Surgery, June 2016

e) Abstracts

- Role of Margin Status in Trans-Oral Robotic Surgery for Head & Neck Squamous Cell Carcinoma
Sapna A. Patel MD; Aarthi Parvathaneni; Neal D. Futran, MD, DMD; Jeffrey J. Houlton, MD; Eduardo Méndez MD, MS
Podium presentation at International American Head & Neck Society meeting in July 2016, Seattle, WA,
- Post-operative Therapy Following Transoral Robotic Surgery for Unknown Primary Cancers of the Head and Neck
Sapna A. Patel MD; Aarthi Parvathaneni; Upendra Parvathaneni MD; Jeffrey J. Houlton MD; Ron J. Karni MD; Eduardo Méndez MD, MS
Poster presentation at International American Head & Neck Society meeting in July 2016, Seattle, WA, Honorable Mention
- Conservative management of frontal sinus fractures- a new treatment algorithm for functional preservation
Sapna Patel, MD; Angelique Berens, MD; Kris Moe, MD
Podium presentation at American Academy of Facial Plastics & Reconstructive Surgery in May 2016, Chicago, IL
- Glue Embolization and Surgical Excision of Localized Head & Neck Venous Malformations
David A. Zopf, MD, MS; Japjit Verraich; **Sapna Patel MD**; Giridhar Shivaram MD; Basavaraj V. Ghodke, MBBS; Sandeep. Vaidya, ;Jonathan A. Perkins DO;

Poster presentation at American Society of Pediatric Otolaryngology in April 2015, Boston, MA

- Refining Quality of Life Instruments in Vocal Fold Motion Impairment: The Communicative Participation Item Bank (CPIB)
Sapna Patel MD; Al Merati MD; Kathryn Yorkston PhD, Deanna Britton, Carolyn Baylor PhD
Poster presentation at American Laryngological Association in April 2015, Boston, MA
- Complication Rates in Delayed Mohs Micrographic Surgery Reconstruction of the Head and Neck
Sapna A. Patel MD; Jack J. Liu MD; Craig S. Murakami MD; Daniel Berg MD; Amit D. Bhrany MD
Poster presentation at American Academy of Facial Plastics & Reconstructive Surgery in April 2015, Boston, MA
- Quality of Life Outcomes in Adult Patients with Cystic Fibrosis
Rod S. Teasley JD; **Sapna A. Patel MD**; Greg E. Davis MD, MPH
Poster presentation at American Rhinologic Society –Combined Otolaryngology Spring Meetings in May 2014, Las Vegas, NV
- Astigmatism in propranolol treated periocular infantile hemangioma
Sapna Patel MD; Erin P. Herlihy, MD; Dylan K. Chan MD, PhD; Avery H. Weiss MD; Jonathan A. Perkins DO
Poster presentation at American Society of Pediatric Otolaryngology in April 2013, Arlington, VA
- Late Tracheotomy is Associated Higher Morbidity & Mortality in Critically Ill Patients Undergoing Mechanical Ventilation
Sapna Patel MD; Emily K. Plowman Ph.D., Stacey. Halum MD, Al L. Merati MD
Poster presentation at American Bronchoesophageal Association in April 2013, Orlando, FL
- Role of Transoral Robotic Surgery (TORS) in the Management of Unknown Primary Head & Neck Squamous Cell Carcinoma
Sapna Patel MD; J. Scott Magnuson MD; F. Christopher Holsinger MD; Ron J. Karni MD; Jay K. Ferrell MD; Jeremy D. Richmon MD; Neil D. Gross MD; Amit D. Bhrany MD; Jay K. Ferrell MD; Samuel E. Ford; Aimee A. Kennedy MD Eduardo Méndez MD, MS
Poster presentation at American Head & Neck Society meeting in April 2013, Orlando, FL
- Distribution of FDG PET & CT Imaging Results after Radiation
Sapna Patel MD; Eduardo Méndez MD, MS; Manuela Matesan MD;

Joseph Rajendran MD; Noel S. Weiss MD, DrPH
Poster presentation at American Academy of Otolaryngology - Head and Neck Surgery in Sept. 2012, Washington D.C.

- Accuracy of FDG PET & CT Imaging for Nodal Metastasis
Sapna Patel MD; Eduardo Méndez MD, MS; Manuela Matesan MD; Joseph Rajendran MD; Noel S. Weiss MD, DrPH
Poster presentation at American Academy of Otolaryngology - Head and Neck Surgery in Sept. 2012, Washington D.C.
- Retrospective review of transoral robotic surgery at the University of Washington
Eric Lamarre MD; **Sapna Patel MD**; Arun Sharma MD, MS; Neal Futran MD, DMD; Eduardo Mendez MD, MS
Poster presentation at 8th International Conference on Head & Neck Cancer in July 2012, Toronto, Ontario
- High Yield Technique Diagnose Immotile Cilia Syndrome: A suggested algorithm
Gary D. Josephson, MD; **Sapna A. Patel**, Laurie Duckworth, PhD, Jeffrey Goldstein, MD
Poster presentation at Triological Society Combined Sections Meeting in Feb. 2010, Orlando, FL
- Practice Patterns After Tracheotomy in Infants Younger Than 2 Years
Shannon Kraft, MD; **Sapna A. Patel MD**; Kevin Sykes MPH; Linda Gratny, MD, Julie Wei, MD
Poster presentation at the American Society of Pediatric Otolaryngology meeting in April - May 2010, Las Vegas, NV
- Renal Arterial Changes by Fat Embolization in the Rat
Sapna Patel, Frederico Adler MD; Alan Poisner MD, PhD; Betty Herndon PhD; Tim Quinn; Agostino Molteni MD, PhD
Poster presentation at Experimental Biology in April 2009, New Orleans, LA
- Involvement of the Renin-Angiotensin system (RAS) in the Fibrotic Changes Induced by Fat Embolization in the Rat
Sapna Patel; Frederico Adler MD, Alan Poisner MD, PhD, Betty Herndon PhD, Agostino Molteni MD, PhD
Poster presentation for the 2008 International Colloquium on Lung and Airway Fibrosis, Sept.– Oct. 2008, Sunset Beach, NC
Oral Presentation at UMKC Student Research Day in April 2008, Kansas City, MO
- Patient characteristics and provider practice patterns for emergency

contraception in a pediatric emergency department

Sapna Patel; Melissa Miller, MD; Denise Dowd, MD, MPH

Oral Presentation at UMKC Student Research Day in April 2009, Kansas City, MO