

RAJ M. VYAS, M.D., F.A.C.S.

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EDUCATION, TRAINING & APPOINTMENTS

- 10/2015 – Present UC Irvine School of Medicine, Irvine, CA
- Vice-Chairman, Dept. of Plastic Surgery (11/2017 – Present)
 - Associate Professor of Plastic Surgery (7/2016 – Present)
 - Director of Clinical Research (10/2015 – Present)
- 12/2014 – Present CHOC Children’s Hospital, Orange, CA
- Chief, Division of Plastic Surgery (8/2019 – Present)
- 9/2014 – 11/2017 UC Riverside School of Medicine, Riverside, CA
- Chief, Plastic & Reconstructive Surgery
 - Director of Cleft, Craniofacial, and Pediatric Plastic Surgery
 - Director, SOM Applied Anatomy (9/2014 – Present)
 - Associate Professor of Plastic Surgery (7/2016 – 11/2017)
 - Assistant Professor of Plastic Surgery (9/2014 – 6/2016)
- 7/2013 – 6/2014 Institute of Reconstructive Plastic Surgery, New York University Medical School, New York, NY
- Fellowship, Craniofacial Surgery
 - Clinical Instructor
- 6/2007 – 6/2013 Harvard Combined Plastic Surgery Residency Program, Boston, MA
- Massachusetts General Hospital
 - Brigham and Women’s Hospital
 - Beth Israel Deaconess Medical Center
 - Boston Children’s Hospital
- 8/2003 – 6/2007 David Geffen School of Medicine at UCLA, Los Angeles, CA
- *Doctor of Medicine (M.D.)*
 - President, Alpha Omega Alpha
- 9/1999 – 6/2003 Stanford University, Stanford, CA
- *Bachelor of Science (B.S.)* in Biology: Honors & Distinction
 - Minor in Economics
 - Tutorial in Human Disease Genetics, Wellcome Trust Centre, Oxford University, U.K. (9/2001-12/2001)

HONORS AND AWARDS

- 10/2019 Fellowship, American College of Surgeons
- 10/2017 CRANIO Scholarship, American Society of Maxillofacial Surgeons (ASMS)
- 10/2012 Best Abstract (Resident Category), 33rd Annual Meeting of the Indian Medical Association of Southern California (IMASC)
- 10/2007 Merck Research Scholarship Award, American Society of Maxillofacial Surgeons
- 6/2007 Stafford L. Warren Medal: Most Outstanding Medical Student, UCLA Class of 2007
- 6/2007 The Longmire Medal: Most Outstanding Medical Student in Surgery, UCLA Class of 2007
- 6/2007 Louis Jolyon West Award for Excellence: Most Outstanding Medical Student in Psychiatry, UCLA Class of 2007
- 2/2006 Alpha Omega Alpha Honor Society: Co-President, Class of 2007
- 4/2006 “Top 5 Prize Abstract,” 2006 Aortic Surgery Symposium
- 11/2004 Community Leadership Award, Indian Medical Association of Southern California
- 6/2003 Distinction and Honors with *B.S.* in Biology, Stanford University
- 3/2003 Keynote Presentation & Outstanding Young Investigator Award, 2003 Meeting of the International Union Against Tuberculosis and Lung Disease Conference (IUATLD)
- 9/2000 Stanford President's Award for Academic Excellence (60 per class)

GRANT SUPPORT

- 9/2019 Principal Investigator
CHOC One Wish Grant
Amount Requested: \$32,500
“Sleep Disordered Breathing in Neonates with Cleft Deformity”
- 7/2019 - 7/2020 Principal Investigator
Plastic Surgery Foundation (PSF)/American Society of Plastic Surgeons (ASPS) Breast Reconstruction Awareness Fund Public Awareness Award
Awarded Amount: \$5,765
“Use of iBook with Clinical Consultation to Educate Patients about Options for Breast Cancer Reconstruction”

- Submitted 6/2018 (Revised 3/2019) Co-Investigator (PI Huinan Liu)
National Institute of Health (NIH) RO1 Grant
Requested Amount: \$1,500,000
“Bioactive Alloys for Bioresorbable Infection-Free Craniomaxillofacial Implants”
- Submitted 6/2018 (Revised 2/2019) Co-Investigator (PI Huinan Liu), Principal Investigator UCI Subaward
National Institute of Health (NIH) R03 Grant
Funding Score 21 Requested Amount: \$200,000;
Awaiting final Award notification “Nutrient Derived Alloys with Nanostructured Surfaces for Distraction Osteogenesis of the Craniofacial Skeleton”
- 10/2016 – 8/2018 Co-Investigator, UCR Subaward (PI Huinan Liu)
National Institute of Health (NIH) SBIR Phase II Grant with N2 Biomedical
National Institute of Dental & Craniofacial Research (NIDCR 2R44DE023287)
Awarded Amount: \$200,000
“Antimicrobial Biodegradable Bone Implant for Craniofacial/Maxillofacial Application”
- 7/2015 – 6/2017 Principal Investigator
Plastic Surgery Foundation (PSF) Pilot Research Grant
Awarded Amount: \$10,000
“Augmented Reality to Remotely Teach International Cleft Surgery”
- 7/2015 – 6/2017 Principal Investigator
Cleft Palate Foundation (CPF) Clinical Research Grant
Awarded Amount: \$5,000
“Using Augmented Reality to Remotely Build Overseas Cleft Capacity and Sustainability”
- 9/2012 – 5/2013 Principal Investigator
International Health Studies Grant, Massachusetts Medical Society & Alliance Charitable Foundation (\$2,000)
“Emergency Responsiveness During Overseas Outreach”
- 9/2009 – 9/2010 Principal Investigator
Global and Humanitarian Health Travel Scholarship, Partners in Health Center of Expertise (\$2,000)
“Optimizing Resource Utilization During Overseas Outreach”
- 8/2006 – 6/2007 UCLA School of Medicine Research Scholarship (\$10,000; 4 per class)
- 6/2004 – 9/2004 UCLA Short-Term Training Project Summer Research Grant (\$4,500)
- 6/2002 – 6/2003 Howard Hughes Medical Institute Research Grant (\$5,000)

9/2001 – 3/2002 Stanford Undergraduate Research Opportunities Grant (\$3,500)

COMMITTEE, ORGANIZATIONAL, AND VOLUNTEER SERVICE

- 1/2020 – Present American Cleft Palate-Craniofacial Association (ACPA) Honors and Awards Selection Committee
- 11/2019 – Present UCI Institute for Clinical & Translational Science (ICTS) Grant Review Panel
- 9/2019 – Present Legislative Advocacy Committee, American Society of Plastic Surgeons
- 5/2019 – Present Committee Member, Regenerative Medicine, UC Irvine School of Medicine
- 9/2018 – Present Education Committee, American Society of Plastic Surgeons
- 4/2018 – Present Committee Member, Medical Innovation Institute, UC Irvine School of Medicine
- 9/2016 – 1/2019 Riverside Community Hospital
- Vice-Chairman, Plastic Surgery Section
 - Member, Medical Staff Quality Review Committee
- 9/2016 – 4/2017 CHOC Physician Leadership Program, UCI School of Business
- Co-Leader, Airway Obstruction Team (10/2015 – Present)
 - Member, Medical-Surgical Committee (1/2017 – 1/2019)
 - Member, Oncology Committee (1/2017 – Present)
 - Member, Acute Care Committee (1/2019 – Present)
 - Member, Perioperative Care Committee (1/2020 – Present)
- 4/2008 – Present Global Smile Foundation –501(c)(3) dedicated to underserved cleft outreach
- Junior Board of Directors (9/2012 – Present)
 - Director of Global Health Research (7/2009 – 2/2017)
 - Resident/Fellow Liaison (7/2011 – 6/2014)
 - Director of Community Outreach (7/2009 – 7/2011)
- 11/2014 – 11/2017 Clinical Advisor/Student Design, University of California Riverside Virtual School of Medicine Project Team
- 9/2008 – 6/2014 Partners in Health, Rwanda – International 501(c)(3) not-for-profit agency delivering health care to impoverished nations

- Research: development of non-electric negative pressure wound therapy device (phase I trial complete)
- 2/2010 – 6/2014 Not Another App!, Inc. – Technology startup producing mobile application connecting social business establishments to customers via dynamic, interactive music selection and live social interchange
- Co-CEO and Co-Founder (2/2010 – Present)
 - Vice President, Business Development (2/2010 – Present)
- 5/2009 – 6/2013 Mentor and Big Brother, Big Brothers Big Sisters of Massachusetts Bay
- 7/2012 – 6/2013 Partners Education Committee – Interdisciplinary committee charged with improving medical school, residency, and fellowship education at Brigham and Women’s Hospital and Massachusetts General Hospital (Partners™)
- Resident Representative, Subcommittee on Evaluation & Feedback
- 3/2006 – 3/2007 Co-President, UCLA Chapter of Alpha Omega Alpha (ΑΩΑ)
- 6/2005 – 6/2007 UCLA Representative to Western Student’s Medical Research Forum (WSMRF) – Largest Regional medical student research conference
- 9/2005 – 6/2007 Student Representative, UCLA Medical School Admissions Committee
- 12/2003 – 6/2005 Vice-President, UCLA Chapter of Unite for Sight
- 9/2003 – 6/2005 Co-Chair & Medical School Representative, UCLA South Asian Health Association
- 9/2003 – 9/2005 Political Action Committee Representative, UCLA Chapter of American Medical Association

EDITORIAL POSITIONS

- 11/2018 – Present Reviewer, *Cleft Palate Craniofacial Journal*
- 10/2012 – Present Reviewer (Craniofacial), *Plastic and Reconstructive Surgery*
- 5/2013 – Present Reviewer, *Journal of Reconstructive Microsurgery*
- 7/2001 – 6/2003 Reviewer (Neuroscience and Developmental Biology), *The Stanford Biologist*

PRESENTATIONS

National/International Meetings

1. Jefferis GSXE, **Vyas RM**, Marin EC, Komiyama T, Zhu H, Stocker RF, Luo L. Wiring Specificity in the Olfactory System of Drosophila (Oral). Molecular and Cellular Neurobiology Gordon Conference, Hong Kong, China. June, 2002.
2. Jefferis GSXE, **Vyas RM**, Marin EC, Stocker RF, Luo L. Wiring Specificity in the Olfactory System of Drosophila (Oral). European Drosophila Neurobiology Conference, Dijon, France. September, 2002.
3. **Vyas RM**, DeRiemer K, Small PM. The Private-Public Divide: A Roadblock to Effective Tuberculosis Management in India (Oral, Keynote Presentation and Conference Young Investigator Award). International Union Against Tuberculosis & Lung Disease International Conference, Vancouver, Canada. March, 2003.
4. Marin EC, Jefferis GSXE, **Vyas RM**, Komiyama T, Zhu H, Stocker RF, Luo L. From Olfaction to Memory: The Genetics of Wiring Specificity in the Olfactory System of Drosophila (Oral). Genetics Society Spring Meeting, Warwick, United Kingdom. March, 2003.
5. Jefferis GSXE, **Vyas RM**, Marin EC, Komiyama T, Zhu H, Stocker RF, Luo L. Wiring Specificity in the Olfactory System of Drosophila (Oral). Gordon Conference on the Chemical Senses, New London, NH. July, 2003.
6. Jefferis GSXE, **Vyas RM**, Marin EC, Komiyama T, Zhu H, Stocker RF, Luo L. Wiring Specificity in the Olfactory System of Drosophila (Oral, Prize Lecture). Neurobiology of Drosophila Conference, Cold Spring Harbor, NY. October, 2003.
7. Cohen O, Odum J, **Vyas RM**, Ukatu C, Palatnik K, De la Zerda D, Laks H. Twenty Year Experience with Dacron Mesh Wrap Remodeling Technique for Definitive Treatment of the Dilated Ascending Aorta (Oral, Top 5 Abstract). Aortic Surgery Symposium X, New York, NY. April, 2006.
8. **Vyas RM**, Dipple K, Head C, Wald S, Wasson KL, Gabbay JS, Bradley JP. Management of Neonatal Upper Airway Obstruction: Decreased Morbidity Utilizing a Decision Tree Model with Mandibular Distraction Osteogenesis (Oral). American Cleft Palate-Craniofacial Association 64th Annual Meeting, Broomfield, CO. April, 2007.
9. **Vyas RM**, Wasson KL, Jarrahy R, Dipple K, Gabbay JS, Tahernia A, Bradley JP. Defining Optimal Patient Selection for Mandibular Distraction Osteogenesis in Management of Neonatal Upper Airway Obstruction (Poster). American Society of Plastic Surgeons Plastic Surgery 2007 Meeting, Baltimore, MD. October, 2007.
10. **Vyas RM**, Kim DP, Mulliken JB. Primary Premaxillary Setback in Repair of Bilateral Complete Cleft Lip: Indications and Outcomes (Oral). 12th International Congress on Cleft Lip/Palate and Related Craniofacial Anomalies. Orlando, FL. May, 2013.

11. **Vyas RM**, Eberlin KR, Hamdan US. Implementation of an Emergency Response Protocol for Overseas Surgical Outreach Initiatives (Oral). 12th International Congress on Cleft Lip/Palate and Related Craniofacial Anomalies. Orlando, FL. May, 2013.
12. Fritz M, Weinstock M, **Vyas RM**, Rickert S. Craniofacial Three-dimensional Airway Analysis of Treacher Collins, Crouzon, and Non-Syndromic Pediatric Patients (Poster). American Society of Pediatric Otolaryngology (ASPO). Las Vegas, NV. May, 2014.
13. Alperovich M, **Vyas RM**, Staffenberg DA. Is Craniosynostosis Repair Keeping Up with the Times? Results from the Largest National Survey on Craniosynostosis (Oral). 94th Annual Meeting of the American Association of Plastic surgeons (AAPS). Scottsdale, AZ. April, 2015.
14. Alperovich M, **Vyas RM**, Staffenberg DA. Is Craniosynostosis Repair Keeping Up with the Times? Results from the Largest National Survey on Craniosynostosis (Oral). 72nd Annual Meeting of the American Cleft Palate-Craniofacial Association (ACPA). Palm Spring, CA. April 2015.
15. Alperovich M, **Vyas RM**, Staffenberg DA. How Does Plastic Surgical Training Affect Aesthetic Preference in Hypertelorism Repair? An Empiric Re-examination of Classic Aesthetic Norms (Poster). 72nd Annual Meeting of the American Cleft Palate-Craniofacial Association (ACPA). Palm Spring, CA. April 2015.
16. **Vyas RM**, Alperovich M, Staffenberg DA. Supra-brow Approach for Neurosurgical Access to Anterior Cranial Fossa and Ethmoid Sinus: Technique, Exposure, and Considerations (Oral). 72nd Annual Meeting of the American Cleft Palate-Craniofacial Association (ACPA). Palm Spring, CA. April 2015.
17. Alperovich M, Frey JD, Shetye PR, Grayson BH, **Vyas RM**. Breast Milk Feeding Rates in Patients with Cleft Lip and Palate at a North American Craniofacial Center (Oral). 73rd Annual Meeting of the American Cleft Palate-Craniofacial Association (ACPA). Atlanta, GA. April 2016.
18. **Vyas RM**, Hamdan US. International Cleft Surgery: Building Long-term Capacity and Sustainability (Oral). 73rd Annual Meeting of the American Cleft Palate-Craniofacial Association (ACPA). Atlanta, GA. April 2016.
19. **Vyas RM**, Hamdan US. Using Augmented Reality to Remotely Teach Cleft Surgery (Oral). 13th International Cleft Congress. Chennai, India. Feb 2017.
20. **Vyas RM**, Hamdan US. Comprehensive yet Simple Means of Implementing Emergency/Safety Protocols for Overseas Outreach Surgical Trips (Oral). 13th International Cleft Congress. Chennai, India. Feb 2017
21. Kanack M, Mueller M, Jaffurs D, **Vyas RM**. Pediatric mandible reconstruction for osteomyelitis during largest reported *Mycobacterium abscessus* outbreak (Poster). 76th

Annual Meeting of the American Cleft Palate-Craniofacial Association (ACPA). Tucson, AZ. April 2019.

22. **Vyas, R.** Traction Osteogenesis: A novel approach to growing the Pruzansky 3 Mandible (Oral). 18th Meeting of the International Society of Craniofacial Surgeons (ISCFS). Paris, France. September 2019.
23. **Vyas R.** Using augmented reality to remotely teach cleft surgery: Building long-term international capacity and sustainability (Poster). 18th Meeting of the International Society of Craniofacial Surgeons (ISCFS). Paris, France. September 2019.
24. Pourtaheri N, Kanack M, Mueller M, Jaffurs D, **Vyas RM.** Largest reported odontogenic *Mycobacterium abscessus* outbreak and treatment of a pediatric patient with mandibular osteomyelitis (Oral). 18th Meeting of the International Society of Craniofacial Surgeons (ISCFS). Paris, France. September 2019.
25. Banyard D, Sayadi L, **Vyas RM.** Application of the Neoclassical Canons and the Golden Ratio to Race and Ethnicity: A Systematic Review (Oral). 88th Annual Meeting of the American Society of Plastic Surgeons, San Diego, CA, Sept 2019.
26. **Vyas RM,** Sayadi L, Kanack M, Bendit D, Hamdan US. Augmented reality to remotely teach surgery: Sustainable overseas cleft outreach and future directions (Oral). 88th Annual Meeting of the American Society of Plastic Surgeons (ASPS), San Diego, CA, Sept 2019.
27. **Vyas, RM,** Sinha S, Davis K, Entezampour M. Why academic plastic surgery should lead Applied Anatomy for first year medical students. (Oral). 88th Annual Meeting of the American Society of Plastic Surgeons (ASPS), San Diego, CA, Sept 2019.
28. Sayadi L, Samai A, Chopan M, **Vyas RM,** Widgerow A, Majumder A. A novel technology for contour conforming projected flap markings (Oral). 88th Annual Meeting of the American Society of Plastic Surgeons (ASPS), San Diego, CA, Sept 2019.
29. Kanack M, Nakra N, Ahmad I, **Vyas RM.** What is Normal Newborn Sleep? A Characterization of Sleep Patterns in Neonates With and Without Airway Obstruction (Oral). 77th Annual Meeting of the American Cleft Palate-Craniofacial Association (ACPA). Portland, OR. April 2020. Accepted.
30. **Vyas RM,** Nakra N, Ahmad I. Mandibular Distraction Osteogenesis for Neonatal Airway Obstruction: Optimizing Results with Evidence-Based Patient Selection and Use of Virtual Surgical Planning (90 Minute Oral/Panel). 77th Annual Meeting of the American Cleft Palate-Craniofacial Association (ACPA). Portland, OR. April 2020. Accepted.
31. Moderator of Panel

32. **Vyas RM.** The Evolution of Cleft Lip (& Nose!) Repair (90 Minute Oral). 77th Annual Meeting of the American Cleft Palate-Craniofacial Association (ACPA). Portland, OR. April 2020. Accepted.
 33. **Vyas RM,** Sinha S, Entezampour M, Leis A, Evans G. Why Academic Plastic Surgery Should Lead “Clinically Applied Anatomy” for First Year Medical Students. American Council of Academic Plastic Surgeons (ACAPS) Winter Retreat. Austin, TX. Feb 2020. Submitted.
 34. **Vyas RM.** How to Leverage First-World Technology to Build Long-Term Capacity and Sustainability During International Surgical Outreach. American Council of Academic Plastic Surgeons (ACAPS) Winter Retreat. Austin, TX. Feb 2020. Submitted.
 35. Banyard DA, Shah N, **Vyas RM,** Aly A. Top Ten in "Facial Attractiveness": A Review of the Most-Cited Literature. 2020 Meeting of the American Society of Aesthetic Plastic Surgeons (ASAPS). Las Vegas, NV. April 2020. Submitted.
 36. Banyard DA, Khoshab N, Sayadi LR, **Vyas RM.** Historical Tools of Anthropometric Facial Assessment: A Systematic Raw Data Analysis on the Applicability of the Neoclassical Canons and Golden Ratio. Plastic Surgery Research Council. Toronto, CA. May 2020. Submitted.
- References 3, 6, 7, and 28 received presentation awards.

Local/Regional Meetings

1. **Vyas RM,** Jefferis GSXE, Marin EC, Komiyama T, Luo L. Connecting the Fly's Brain to the Fly's Nose (Oral). Stanford Neurosciences Annual Retreat, Hopkins Marine Station, CA. October, 2002.
2. **Vyas RM,** Jefferis GSXE, Berdnik D, Ito K, Luo L. Cellular Origins of Wiring Specificity in the Olfactory System of *Drosophila* (Oral, Awarded Abstract). Stanford Honors Research Symposium, Stanford, CA. May, 2003.
3. **Vyas RM,** Jefferis GSXE, Berdnik D, Ito K, Luo L. Wiring Specificity in the Olfactory System of *Drosophila* (Oral). Western Student Medical Research Forum, Carmel, CA. January, 2004.
4. **Vyas RM,** Halevi L, Shamie AN, Wang JC. Spinal Hardware Removal: Causes, Outcomes, & Predictors of Success (Poster). University of California, Los Angeles, Josiah Brown Poster Fair, Los Angeles, CA. August, 2004.
5. **Vyas RM,** Shamie AN, Wang JC. Spinal Hardware Removal: Causes, Outcomes, and Predictors of Success (Oral). Western Student Medical Research Forum, Carmel, CA. January, 2005.

6. SooHoo NF, **Vyas RM**, Samimi D. Responsiveness of the Foot Function Index, AOFAS Clinical Rating Systems, and SF-36 Following Foot and Ankle Surgery (Poster). American Orthopaedic Foot and Ankle Society 22nd Annual Meeting, La Jolla, CA. July, 2006.
 7. **Vyas RM**, Dickinson BP, Wasson KL, Roostaein J, Trussler A, Bradley JP. Pediatric Facial Fractures: Current National Prevalence, Demographic Distribution, and Health Care Resource Utilization (Poster). California Society of Plastic Surgeons 57th Annual Meeting, San Francisco, CA. May, 2007.
 8. **Vyas RM**, Erba P, Ogawa R, Orgill DP. The Reconstructive Matrix: A New Paradigm in Reconstructive Plastic Surgery (Oral). Northeastern Society of Plastic Surgeons 27th Annual Meeting, Washington, DC. October, 2010.
 9. **Vyas RM**, Orgill DP. Transdiaphragmatic Omental Harvest: A Simple, Efficient Method for Sternal Wound Coverage (Oral). 33rd Annual Meeting of the Indian Medical Association of Southern California, Anaheim, CA. October 2012.
 10. **Vyas RM**. Using Augmented Reality to Remotely Teach Cleft Surgery: Building Long-term International Capacity and Sustainability (Oral). 67th Annual Meeting of the California Society of Plastic Surgeons, San Francisco, CA. May 2017.
 11. Lee CJ, Molina N, **Vyas RM**. (Oral). Management and Review of Dog Bite Wounds in Adults: A Retrospective Analysis at a Level I Trauma Center. 67th Annual Meeting of the California Society of Plastic Surgeons, San Francisco, CA. May 2017.
 12. Kanack M, Nakra N, Ahmad I, **Vyas RM**. What is Normal Newborn Sleep? A Characterization of Sleep Patterns in Neonates With and Without Airway Obstruction (Oral). 70th Annual Meeting of the California Society of Plastic Surgeons (CSPS). San Diego, CA. May 2020. Submitted.
 13. **Vyas, RM**, Sinha S, Tang C, Lanier B, Leis A, Paydar K, Evans G, Entezampour M. Why Academic Plastic Surgery Should Lead “Clinically Applied Anatomy” for First Year Medical Students. 70th Annual Meeting of the California Society of Plastic Surgeons (CSPS). San Diego, CA. May 2020. Submitted.
 14. Vyas RM, Kanack M, Ahmad I, Nakra N. Traction Osteogenesis: A Novel Approach to Growing the Pruzansky 3 Mandible. 70th Annual Meeting of the California Society of Plastic Surgeons (CSPS). San Diego, CA. May 2020. Submitted.
- References 2 and 9 received presentation awards.

Invited Presentations

1. **Vyas RM**. Unilateral Cleft Lip Repair: Principles, Techniques, and Controversy. Association of Plastic Surgeons of Trujillo, Peru. July 3, 2015.

2. **Vyas RM.** The Unilateral Nasolabial Cleft. UC Irvine Department of Plastic Surgery Grand Rounds. Aug 24, 2015.
3. **Vyas RM.** Plastic Surgery: What it is and Why I Love It. American Medical Student Association (AMSA), UC Riverside Chapter. Jan 2016.
4. **Vyas RM.** Bilateral Cleft Lip Repair: Principles, Techniques, and Controversies. Association of Plastic Surgeons of Trujillo, Peru. Feb 14, 2016.
5. **Vyas RM,** Anderson T, Ahmad I. Mandibular Distraction Osteogenesis for Neonatal Airway Obstruction. St. Mary's Hospital-CHOC Combined Neonatal Grand Rounds, May 24, 2016.
6. **Vyas RM.** Restoring Facial Form and Function in the 21st Century. Acid Survivors Trust International - Care for the Cause Gala. Oct 15, 2016.
7. **Vyas RM.** Plastic Surgery: What it is and Why I Love It. American Medical Student Association (AMSA), UC Riverside Chapter. Jan 2017.
8. **Vyas RM.** The Role of Craniofacial Surgery in Treatment of Chronic Migraine Headaches. Anaheim General Hospital Medical Staff Grand Rounds. Jan 31, 2017.
9. **Vyas RM.** The Role of Craniofacial Surgery in Treatment of Chronic Migraine Headaches. UC Irvine Department of Plastic Surgery. March 15, 2017.
10. **Vyas RM,** Ahmad I. Mandibular Distraction Osteogenesis for Neonatal Airway Obstruction. Pomona Valley Hospital-CHOC Combined Neonatal Grand Rounds. April 26, 2017.
11. **Vyas RM.** The Role of Craniofacial Surgery in Treatment of Chronic Migraine Headaches. Northridge Hospital Medical Center Grand Rounds. May 9, 2017.
12. **Vyas RM.** Plastic Surgery: What it is and Why I Love It. American Medical Student Association (AMSA), UC Riverside Chapter. Jan 2018.
13. **Vyas RM.** The Role of Craniofacial Surgery in Treatment of Chronic Migraine Headaches. La Palma Intercommunity Hospital Grand Rounds. May 14, 2018.
14. **Vyas RM.** Plastic Surgery: What it is and Why I Love It. American Medical Student Association (AMSA), UC Riverside Chapter. Jan 2019.
15. **Vyas RM.** On the Front Lines of Cleft Lip and Palate. St. Joseph Hospital Genetics-MFM Combined Grand Rounds. April 2, 2019.
16. **Vyas RM.** Building and Sustaining Multidisciplinary Overseas Cleft Outreach: Using All Our Tools. Grand Rounds, EsSalud Hospital System, Trujillo Peru. May 29, 2019.
17. **Vyas RM,** Chen N, Mungo R. Pre-Surgical Orthopedic NasoAlveolar Molding in Cleft Lip and Palate. Grand Rounds, CHOC Children's Hospital, Orange, CA. Sept 2, 2019.

PUBLICATIONS

Peer-Reviewed Journals

1. **Vyas RM,** Small PM, DeRiemer K. The Private-Public divide: Impact of Conflicting Perceptions Between the Private and Public Health Care Sectors in India. *Int J Tuberc Lung Dis.* 2003;7(6):543-9.
2. Jefferis GSXE, **Vyas RM,** Berdnik D, Stocker RF, Tanaka NK, Ito K, Luo L. Developmental Origin of Wiring Specificity in the Olfactory System of Drosophila. *Development.* 2004;131(1):117-30.

3. Odim J, **Vyas RM**, Laks H, Alikhani A, Mehta U, Hughes K. Redo Submammary Incision for Median Sternotomy and Cardiac Repair. *Ann Thorac Surg.* 2005;79(1):163-7.
4. SooHoo NF, Samimi DB, **Vyas RM**, Botzler T. Evaluation of the validity of the Foot Function Index in measuring outcomes in patients with foot and ankle disorders. *Foot Ankle Int.* 2006;27(1):38-42.
5. SooHoo NF, **Vyas RM**, Samimi D. Responsiveness of the Foot Function Index, AOFAS Clinical Rating Systems, and SF-36 after foot and ankle surgery. *Foot Ankle Int.* 2006;27(11):930-4.
6. Cohen O, Odim J, De la Zerda D, **Vyas RM**, Vyas N, Ukatu C, Palatnik K, Laks H. Long-Term Experience of Girdling the Ascending Aorta with Dacron Mesh as Definitive Treatment for Aneurysmal Dilation. *Ann Thorac Surg.* 2007;83:S780-4.
7. Alanay A, **Vyas RM**, Shamie AN, Scioscia T, Randolph G, Wang JC. Safety and Efficacy of Implant Removal for Patients with Recurrent Back Pain after a Failed Degenerative Lumbar Spine Surgery. *J Spinal Disord Tech.* 2007;20(4):271-7.
8. Soohoo NF, **Vyas RM**, Samimi DB, Molina R, Lieberman JR. Comparison of the responsiveness of the SF-36 and WOMAC in patients undergoing total hip arthroplasty. *J Arthroplasty.* 2007;22(8):1168-73.
9. **Vyas RM**, Keagle JN, Wexler A, Cahan L, Kawamoto HK, Lazareff J, Wasson KL, Bradley JP. Unilateral vision impairment from a carotid-cavernous fistula after a monobloc osteotomy in a patient with Apert Syndrome. *J Craniofac Surg.* 2007;18(4):960-5.
10. **Vyas RM**, Dipple KM, Head C, Wald SH, Wasson KL, Gabbay JS, Tahernia A, Bradley JP. Management of neonatal upper airway obstruction: Decreased morbidity by utilizing a decision tree model with mandibular distraction osteogenesis. *J Neonatal Perinatal Med.* 2008(1);1:21-29.
11. **Vyas RM**, Dickinson BP, Wasson KL, Roostaeian J, Bradley JP. Pediatric facial fractures: current national incidence, distribution, and health care resource use. *J Craniofac Surg.* 2008;19(2):339-49.
12. **Vyas RM**, Dickinson BP, Fastekjian JH, Watson JP, Dalio AL, Crisera CA. Risk factors for abdominal donor-site morbidity in free flap breast reconstruction. *Plast Reconstr Surg.* 2008;121(5):1519-26.
13. **Vyas RM**, Jarrahy R, Sisodia M, Jourabchi N, Wasson KL, Bradley JP. Bone-borne palatal distraction to correct the constricted cleft maxilla. *J Craniofac Surg.* 2009;20(3):733-6.
14. **Vyas RM***, Erba P*, Ogawa R*, Orgill DP. The Reconstructive Matrix: A New Paradigm in Reconstructive Plastic Surgery. *Plast Reconstr Surg.* 2010;126(2):492-8.*co-first authors. With discussion.

15. **Vyas RM**, Pomahac B. Use of a Bilobed Gracilis Myocutaneous Flap in Perineal and Genital Reconstruction. *Ann Plas Surg*. 2010;65(2):225-7.
16. Kohan E, Hazany S, Roostaeian J, Allam K, Head C, Wald S, **Vyas R**, Bradley JP. Economic advantages to a distraction decision tree model for management of neonatal upper airway obstruction. *Plast Reconstr Surg*. 2010;126(5):1652-64.
17. **Vyas RM**, Ready JE, Guo L. Use of a retrograde pedicled double-barreled osteocutaneous fibula flap for reconstruction of distal tibia and soft-tissue defects. *Plast Reconstr Surg*. 2011;127(6):173-5e.
18. **Vyas RM***, Eberlin KR*, Abi-Haidar Y, Sethna N, Hamdan UH. Adult Cleft Lip Repair Under Local Anesthesia: An Effective Technique in Resource-Poor Settings. *Cleft Palate-Craniofac J*. 2013;50(1):59-63. *co-first authors
19. **Vyas RM**, Prsic A, Orgill DP. Transdiaphragmatic Omental Harvest: A Simple, Efficient Method for Sternal Wound Coverage. *Plast Reconstr Surg*. 2013;131(3):544-52. With discussion.
20. **Vyas RM**, Eberlin KR, Hamdan US. Implementation of an Emergency Response Protocol for Overseas Surgical Outreach Initiatives. *Plast Reconstr Surg*. 2013;131(4):631-6e.
21. **Vyas RM**, Orgill DP. Reply: Transdiaphragmatic omental harvest: A simple, efficient, method for sternal wound coverage. *Plast Reconstr Surg* 2013; 132(6): 1074e.
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35. **Vyas RM**, Sayadi R, Bendit D, Hamdan US. Using Virtual Augmented Reality to Remotely Proctor Overseas Surgical Outreach: Building Long-Term International Capacity and Sustainability. *Plastic Reconstructive Surgery*. Submitted August 2019, Accepted.
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Book Chapters

1. **Vyas RM**. *Drosophila Antennal Lobe Development: Origin of Highly Specific Dendritic and Axonal Innervation Patterns in the Olfactory System*. Honors Thesis. Dept. of Biologic Sciences, Stanford University Biological Sciences Library. 2003: 1-44.
2. Pomahac B, Nowinski D, Diaz-Siso JR, Bueno EM, Talbot SG, Sinha I, Westvik TS, **Vyas R**, Singhal D. Face Transplantation. *Curr Probl Surg*. 2011;48(5): 293-357. Print.

3. Eberlin KR, **Vyas RM**, Patel KB, Hamdan US. "Chapter 1: Anatomy and Embryology of Cleft Lip and Palate." *Video Atlas of Cleft Lip and Palate Surgery*. Ed: Rogers, Hartnick, & Hamdan. San Diego: Plural Publishing Inc., 2013: 3-7. Print.
4. **Vyas RM**, Eberlin KR, Patel KB, Hamdan US. "Chapter 3: International Surgical Outreach Initiatives: Planning, Execution, and Safety." *Video Atlas of Cleft Lip and Palate Surgery*. Ed: Rogers, Hartnick, & Hamdan. San Diego: Plural Publishing Inc., 2013: 17-38. Print.
5. Patel KB, Eberlin KR, **Vyas RM**, Hamdan US. "Chapter 5: Anthropometry: Evaluation and Planning." *Video Atlas of Cleft Lip and Palate Surgery*. Ed: Rogers, Hartnick, & Hamdan. San Diego: Plural Publishing Inc., 2013: 53-55. Print.
6. Sinha I, **Vyas RM**, Pomahac B. Face transplantation in the burned patient. *Oxford Handbook of Burns*. In press.
7. **Vyas RM**. "Facial Trauma." *Plastic and Reconstructive Surgery – A Comprehensive Review*. Oakstone Publishing, LLC, 2016. <http://www.myoakstone.com/>
8. Lee CJ, **Vyas RM**. "Chapter 32: Nasal Fractures." *Operative Plastic Surgery, 2nd Ed*. Pgs 317-28. Ed: Evans GE. New York, Oxford University Press. Print.
9. Moore R, **Vyas RM**. "Chapter 58: Orthognathic Surgery." *Operative Plastic Surgery, 2nd Ed*. Pgs 609-22. Ed: Evans GE. New York, Oxford University Press. Print.
10. **Vyas RM**, Patty L, Mowlds D. "Chapter 51: Pharyngeal Flap." *Operative Plastic Surgery, 2nd Ed*. Ed: Evans GE. New York, Oxford University Press. Print.
11. Mowlds D, **Vyas RM**. "Chapter 52: Sphincter Pharyngoplasty." *Operative Plastic Surgery, 2nd Ed*. Ed: Evans GE. Pgs 535-40. New York, Oxford University Press. Print.
12. Mattison G, **Vyas RM**. "Chapter 12: Alveolar Bone Grafting" *Operative Plastic Surgery, 2nd Ed*. Pgs 95-98. Ed: Evans GE. New York, Oxford University Press. Print.
13. Mattison G, **Vyas RM**. "Chapter 8: Cranial Bone Grafting" *Operative Plastic Surgery, 2nd Ed*. Pgs 73-78. Ed: Evans GE. New York, Oxford University Press. Print.
14. Kanack M, Vijaykumar C, Hamdan US, **Vyas RM**. "Short-Term International Cleft Outreach." *Complete Cleft Care in Low-Resource Settings*, Ed: Springer & Low. Springer Nature. In press.

PROFESSIONAL SOCIETIES

3/2006 – Present Alpha Omega Alpha Medical Honor Society (AOA)

6/2007 – Present American Society of Plastic Surgeons (ASPS)

5/2013 – Present American Cleft Palate-Craniofacial Association (ACPA)
5/2013 – Present International Cleft Lip and Palate Foundation (ICLPF)
9/2013 – Present American Society of Craniofacial Surgery (ASCS)
3/2016 – Present American Society of Maxillofacial Surgeons (ASMS)
10/2019 – Present Fellow, American College of Surgeons (ACS)
6/2007 – 6/2013 Massachusetts Medical Society (MMS)

LICENSING AND CERTIFICATION EXAMS

6/2005 USMLE Step 1: Pass/99/270
1/2007 USMLE Step 2CK: Pass/99/256
2/2007 USMLE Step 2CS: Pass
6/2011 USMLE Step 3: Pass/97/227
10/2013 American Board of Plastic Surgery, Written Examination: Pass
11/2015 American Board of Plastic Surgery, Oral Examination: Pass