Stanford



Rohit K. Khosla, MD, FACS

Clinical Professor, Surgery - Plastic & Reconstructive Surgery

CLINICAL OFFICE (PRIMARY)

- **Pediatric Surgical Specialties Clinic**
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ACADEMIC CONTACT INFORMATION

- **Administrative Contact**
  Cyrus Press - Administrative Assistant
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Bio

CLINICAL FOCUS

- Craniofacial Abnormalities
- Pediatric Plastic Surgery
- Facial Fractures
- Rhinoplasty
- Skin cancer reconstruction
- Mohs reconstruction
- Cleft Lip
- Cleft Palate
- Craniosynostoses
- Ear pinning (Otoplasty)
- Nose surgery
- Aesthetic Surgery
- Facial rejuvination
- Brow lift
- Eyelid surgery (Blepharoplasty)
- Facelift
- Facial implants
- Chin augmentation
- Neck lift
- Facial Bones
- Facial Trauma
- Craniofacial trauma

- Craniomandibular Disorders
- Osteogenesis, Distraction
- Hemangioma
- Vascular Malformations
- Nevus
- Acquired Nasal Deformities
- Cosmetic Surgery
- Infant ear molding
- Cosmetic Reconstructive Surgical Procedures
- Nasal Septum
- septoplasty
- craniofacial surgery
- Facial Plastic Surgery
- Plastic Surgery

ACADEMIC APPOINTMENTS

- Clinical Professor, Surgery - Plastic & Reconstructive Surgery

ADMINISTRATIVE APPOINTMENTS

- Surgical Director, Cleft & Craniofacial Center, Lucile Packard Children's Hospital, Stanford, (2014- present)

PROFESSIONAL EDUCATION

- Board Certification: Plastic Surgery, American Board of Plastic Surgery (2009)
- Medical Education: University of Connecticut School of Medicine Registrar (2002) CT
- Fellowship: University of Washington (2008) WA
- Residency: University of Texas Southwestern Medical Center (2007) TX
- Residency: University of Texas Southwestern Medical Center (2005) TX

Publications

PUBLICATIONS

- **Tracheal cartilaginous sleeve prevalence in syndromic craniosynostosis: A single institution study.** *International journal of pediatric otorhinolaryngology*
  Park, R. K., Hu, K., Fullerton, Z. H., Lee, M. C., Khosla, R. K., Balakrishnan, K.
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- **The PAUL flap: "Prolabial Augmentation of the Upper Lip" In Primary Bilateral Cleft Lip Repair.** *Plastic and reconstructive surgery*
  Khosla, R. K., Tevlin, R., Mittermiller, P.
  2025

- **Assessing the Safety and Efficacy of Pediatric Nasal Surgery: A Systematic Review and Meta-Analysis.** *Facial plastic surgery : FPS*
  Patel, R. K., Loan, P., Cendejas, G., Akhter, M. F., Perrault, D., Nazerali, R. S., Khosla, R. K.
  2025

- **Prademagene zamikeracel for recessive dystrophic epidermolysis bullosa wounds (VIITAL): a two-centre, randomised, open-label, intrapatient-controlled phase 3 trial.** *Lancet (London, England)*
  Tang, J. Y., Marinkovich, M. P., Wiss, K., McCarthy, D., Truesdale, A., Chiou, A. S., Eid, E., McIntyre, J. K., Bailey, I., Furukawa, L. K., Gorell, E. S., Harris, N., Khosla, et al

2025

- **Success of Bone Ossification After Posterior Vault Distraction Osteogenesis in Patients With Craniosynostosis.** *The Journal of craniofacial surgery*
  Sayadi, J. J., Lujan-Hernandez, J., Givechian, K. B., Mackay, D., Lorenz, H. P., Grant, G., Mahaney, K., Hong, D. S., Khosla, R. K.
  2024
- **AI-based Cleft Lip and Palate Surgical Information is Preferred by Both Plastic Surgeons and Patients in a Blind Comparison.** *The Cleft palate-craniofacial journal : official publication of the American Cleft Palate-Craniofacial Association*
  Fazilat, A. Z., Berry, C. E., Churukian, A., Lavin, C., Kameni, L., Brenac, C., Podda, S., Bruckman, K., Lorenz, H. P., Khosla, R. K., Wan, D. C.
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- **US air pollution is associated with increased incidence of non-syndromic cleft lip/palate.** *Journal of plastic, reconstructive & aesthetic surgery : JPRAS*
  Krakauer, K. N., Cevallos, P. C., Amakiri, U. O., Saldana, G. M., Lipman, K. J., Howell, L. K., Wan, D. C., Khosla, R. K., Nazerali, R., Sheckter, C. C.
  2023; 88: 344-351
- **A Retrospective Review of Outcomes and Complications after Infant Ear Molding at a Single Institution.** *Plastic and reconstructive surgery. Global open*
  Sayadi, J. J., Arora, J. S., Chattopadhyay, A., Hopkins, E., Quiter, A., Khosla, R. K.
  2023; 11 (8): e5133
- **A Single-institution, Retrospective Chart Review of Outcomes and Complications Following Infant Ear Molding with the EarWell System**
  Sayadi, J., Chattopadhyay, A., Arora, J., Khosla, R.
  LIPPINCOTT WILLIAMS & WILKINS.2022: 143-144
- **Enhanced Recovery After Cleft Palate Repair: A Quality Improvement Project.** *Paediatric anaesthesia*
  Esfahanian, M., Marcott, S. C., Hopkins, E., Burkart, B., Khosla, R., Lorenz, H. P., Wang, E., De Souza, E., Algaze-Yojay, C., Caruso, T. J.
  2022
- **Disruptive Therapy Using a Nonsurgical Orthodontic Airway Plate for the Management of Neonatal Robin Sequence: 1-Year Follow-up.** *The Cleft palate-craniofacial journal : official publication of the American Cleft Palate-Craniofacial Association*
  Choo, H., Galera, R. I., Balakrishnan, K., Lin, H. C., Ahn, H., Lorenz, P., Khosla, R. K., Profit, J., Poets, C. F., Lee, J. S.
  2022: 10556656221076980
- **Rates of Revision and Obstructive Sleep Apnea after Surgery for Velopharyngeal Insufficiency: A Longitudinal Comparative Analysis of More Than 1000 Operations.** *Plastic and reconstructive surgery*
  Rochlin, D. H., Sheckter, C. C., Khosla, R. K., Lorenz, H. P.
  2021; 148 (2): 387-398
- **A Systematic Review of Mandibular Distraction Osteogenesis Versus Orthodontic Airway Plate for Airway Obstruction Treatment in Pierre Robin Sequence.** *The Cleft palate-craniofacial journal : official publication of the American Cleft Palate-Craniofacial Association*
  Abbas, D. B., Lavin, C., Fahy, E. J., Choo, H., Truong, M. T., Bruckman, K. C., Khosla, R. K., Lorenz, H. P., Momeni, A., Wan, D. C.
  2021: 10556656211011886
- **Readability of Online Patient Information Relating to Cleft Palate Surgery.** *The Cleft palate-craniofacial journal : official publication of the American Cleft Palate-Craniofacial Association*
  Lavin, C. V., Fahy, E. J., Abbas, D. B., Griffin, M., Deleon, N. M., Lee, D. K., Khosla, R. K., Bruckman, K., Lorenz, H. P., Wan, D. C.
  2021: 10556656211013177
- **Nonsurgical Orthodontic Airway Plate Treatment for Newborns With Robin Sequence.** *The Cleft palate-craniofacial journal : official publication of the American Cleft Palate-Craniofacial Association*
  Choo, H., Khosla, R. K., Meister, K. D., Wan, D. C., Lin, H. C., Feczko, R., Bruckman, K., Hopkins, E., Truong, M. T., Lorenz, H. P.
  2021: 10556656211007689
- **Nationwide Perioperative Analysis of Endoscopic Versus Open Surgery for Craniosynostosis: Equal Access, Unequal Outcomes.** *The Journal of craniofacial surgery*
  Rochlin, D. H., Sheckter, C. C., Lorenz, H. P., Khosla, R. K.
  2020
- **Adult Cranioplasty and Perioperative Patient Safety: Does Plastic Surgery Facility Volume Matter?** *The Journal of craniofacial surgery*
  Rochlin, D. H., Sheckter, C. C., Khosla, R. K., Lorenz, H. P.

2020

- **Improvements in Cleft Lip Aesthetics with the Fisher Repair Compared to the Mohler Repair** *PLASTIC AND RECONSTRUCTIVE SURGERY-GLOBAL OPEN*
  Mittermiller, P. A., Martin, S., Johns, D. N., Perrault, D., Jablonka, E. M., Khosla, R. K.
  2020; 8 (6)
- **Improvements in Cleft Lip Aesthetics with the Fisher Repair Compared to the Mohler Repair.** *Plastic and reconstructive surgery. Global open*
  Mittermiller, P. A., Martin, S., Johns, D. N., Perrault, D., Jablonka, E. M., Khosla, R. K.
  2020; 8 (6): e2919
- **Applied Online Crowdsourcing in Plastic and Reconstructive Surgery: A Comparison of Aesthetic Outcomes in Unilateral Cleft Lip Repair Techniques.** *Annals of plastic surgery*
  Suchyta, M., Azad, A., Patel, A. A., Khosla, R. K., Lorenz, H. P., Nazerali, R. S.
  2020; 84 (5S Suppl 4): S307–S310
- **Descriptive Overview of Primary Cleft Palate Surgeries in the Low- and Middle-Income Countries.** *The Cleft palate-craniofacial journal : official publication of the American Cleft Palate-Craniofacial Association*
  Min, J. G., Khosla, R. K., Curtin, C.
  2020: 1055665620911556
- **Erratum: Improvements in Cleft Lip Aesthetics with the Fisher Repair Compared to the Mohler Repair: Erratum.** *Plastic and reconstructive surgery. Global open*
  Khosla, R. K.
  2020; 8 (8): e3098
- **Phase 1/2a clinical trial of gene-corrected autologous cell therapy for recessive dystrophic epidermolysis bullosa.** *JCI insight*
  Eichstadt, S., Barriga, M., Ponakala, A., Teng, C., Nguyen, N. T., Siprashvili, Z., Nazaroff, J., Gorell, E. S., Chiou, A. S., Taylor, L., Khuu, P., Keene, D. R., Rieger, et al
  2019; 4 (19)
- **Retrospective cohort-based comparison of intraoperative liposomal bupivacaine versus bupivacaine for donor site iliac crest analgesia during alveolar bone grafting.** *Journal of plastic, reconstructive & aesthetic surgery : JPRAS*
  Patel, R. A., Jablonka, E. M., Rustad, K. C., Pridgen, B. C., Sorice-Virk, S. S., Borrelli, M. R., Khosla, R. K., Lorenz, H. P., Momeni, A., Wan, D. C.
  2019
- **Assessing the Fisher, Mohler, and Millard Techniques of Cleft Lip Repair Surgery With Eye-Tracking Technology** *ANNALS OF PLASTIC SURGERY*
  Kwong, J. W., Cai, L. Z., Azad, A. D., Lorenz, H., Khosla, R. K., Lee, G. K., Nazerali, R. S.
  2019; 82: S313–S319
- **Anatomical Nasal Lining Flaps for Closure of the Nasal Floor in Unilateral and Bilateral Cleft Lip Repairs Reduce Fistulas at the Alveolus** *PLASTIC AND RECONSTRUCTIVE SURGERY*
  Mittermiller, P. A., Sethi, H., Morbia, R. P., Johns, D., Baylan, J., Lorenz, H., Khosla, R. K.
  2018; 142 (6): 1549–56
- **Management of Complex Arteriovenous Malformations Using a Novel Combination Therapeutic Algorithm.** *JAMA dermatology*
  Chelliah, M. P., Do, H. M., Zinn, Z., Patel, V., Jeng, M., Khosla, R. K., Truong, M., Marqueling, A., Teng, J. M.
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- **Teaching Palatoplasty Using a High-Fidelity Cleft Palate Simulator** *PLASTIC AND RECONSTRUCTIVE SURGERY*
  Cheng, H., Podolsky, D. J., Fisher, D. M., Wong, K. W., Lorenz, H., Khosla, R. K., Drake, J. M., Forrest, C. R.
  2018; 141 (1): 91E–98E
- **Body Contouring in Massive-Weight-Loss Patients** *ESSENTIALS OF AESTHETIC SURGERY*
  Chang, J., Khosla, R. K., Hunstad, J.
  edited by Janis, J. E.
  2018: 869–86
- **Liposuction** *ESSENTIALS OF AESTHETIC SURGERY*
  Hunter, C. L., Khosla, R. K., Claiborne, J. R., Wall, S. H.

edited by Janis, J. E.
2018: 799–817

- **Cleft Lip Standardized Patient Examinations: The Role in Plastic Surgery Resident Education** *CLEFT PALATE-CRANIOFACIAL JOURNAL*
  Wright, E. J., Khosla, R. K., Howell, L., Luan, A., Lee, G. K.
  2016; 53 (6): 634-639
- **Rhinoplasty Education Using a Standardized Patient Encounter.** *Archives of plastic surgery*
  Wright, E. J., Khosla, R. K., Howell, L., Lee, G. K.
  2016; 43 (5): 451-456
- **Use of regenerative tissue matrix as an oral layer for the closure of recalcitrant anterior palatal fistulae: a pilot study** *JOURNAL OF THE KOREAN ASSOCIATION OF ORAL AND MAXILLOFACIAL SURGEONS*
  Richardson, S., Hoyt, J. S., Khosla, R. K., Khandeparker, R., Sukhadia, V. Y., Agni, N.
  2016; 42 (2): 77–83
- **Facial Twist (Asymmetry) in Isolated Unilateral Coronal Synostosis: Does Premature Facial Suture Fusion Play a Role?** *JOURNAL OF CRANIOFACIAL SURGERY*
  Miri, S., Mittermiller, P., Buchanan, E. P., Khosla, R. K.
  2015; 26 (3): 655-657
- **Chondromyxoid Fibroma of the Mandible in an Adolescent: Case Report and Microsurgical Reconstructive Option** *CLEFT PALATE-CRANIOFACIAL JOURNAL*
  Khosla, R. K., Nguyen, C., Messner, A. H., Lorenz, P.
  2015; 52 (2): 223-228
- **Cleft palate surgery: an evaluation of length of stay, complications, and costs by hospital type.** *Cleft palate-craniofacial journal*
  Nguyen, C., Hernandez-Boussard, T., Davies, S. M., Bhattacharya, J., Khosla, R. K., Curtin, C. M.
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- **Current Concepts for Eyelid Reanimation in Facial Palsy** *ANNALS OF PLASTIC SURGERY*
  Momeni, A., Khosla, R. K.
  2014; 72 (2): 242-245
- **A National Study on Craniosynostosis Surgical Repair** *CLEFT PALATE-CRANIOFACIAL JOURNAL*
  Christine Nguyen, C., Hernandez-Boussard, T., Khosla, R. K., Curtin, C. M.
  2013; 50 (5): 555-560
- **Emergency surgical treatment of an ulcerative and hemorrhagic congenital/infantile fibrosarcoma of the lower leg: case report and literature review** *JOURNAL OF PEDIATRIC ORTHOPAEDICS-PART B*
  Kraneburg, U. M., Rinsky, L. A., Chisholm, K. M., Khosla, R. K.
  2013; 22 (3): 228-232
- **Microsurgical reconstruction of the smilecontemporary trends** *MICROSURGERY*
  Momeni, A., Chang, J., Khosla, R. K.
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- **Contemporary concepts for the bilateral cleft lip and nasal repair.** *Seminars in plastic surgery*
  Khosla, R. K., McGregor, J., Kelley, P. K., Gruss, J. S.
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- **Nonsyndromic craniosynostosis.** *Seminars in plastic surgery*
  Garza, R. M., Khosla, R. K.
  2012; 26 (2): 53-63
- **Changes in Frontal Morphology after Single-Stage Open Posterior-Middle Vault Expansion for Sagittal Craniosynostosis** *89th Annual Meeting of the American-Association-of-Plastic-Surgeons*
  Khechoyan, D., Schook, C., Birgfeld, C. B., Khosla, R. K., Saltzman, B., Teng, C. C., Ettinger, R., Gruss, J. S., Ellenbogen, R., Hopper, R. A.
  LIPPINCOTT WILLIAMS & WILKINS.2012: 504–16

- **Combination Jessner's Solution and Trichloroacetic Acid Chemical Peel: Technique and Outcomes** *PLASTIC AND RECONSTRUCTIVE SURGERY*
  Herbig, K., Trussler, A. P., Khosla, R. K., Rohrich, R. J.
  2009; 124 (3): 955-964
- **Bilateral cleft lip and nasal repair** *PLASTIC AND RECONSTRUCTIVE SURGERY*
  Byrd, H. S., Ha, R. Y., Khosla, R. K., Gosman, A. A.
  2008; 122 (4): 1181-1190