

KIERAN S. BOOCHOON, MD

CURRENT POSITION

Facial Plastic Surgeon at Texas Oculoplastic Consultants **08/2026-Present**

- Performs functional and cosmetic rhinoplasty with preservation technique, focus on aging face (preservation deep plane face lift, endoscopic brow lift, blepharoplasty, fat grafting, genioplasty), otoplasty, MOHS reconstruction, lasers (Fotona, CO2, IPL, ResurFX), injectables (Dysport, Sculptra, Restylane, Kybella)
- TOC Eye and Face, 3705 Medical Parkway, Suite 120, Austin, TX 78705, USA

EDUCATION

Facial Plastic and Reconstructive Surgery Fellowship **07/2025-07/2026**

- Fellow under Dr. Jose Barrera at Texas Center for Facial Plastic and Laser Surgery in San Antonio, TX.
- Board Eligible in Facial Plastic and Reconstructive Surgery

University of Nebraska Medical Center Department of Otolaryngology **07/2020-07/2025**

- Board Eligible in Otolaryngology- Head & Neck Surgery
- University of Nebraska Medical Center, Omaha, NE

Texas A&M College of Medicine- Houston Methodist Campus **07/2016-05/2020**

- Doctor of Medicine with Honors: Graduated top 10% of class
- Alpha Omega Alpha Honor Medical Society

Tufts University School of Medicine- Master of Biomedical Sciences **05/2015-06/2016**

- Tufts University School of Medicine, Boston, MA

University of Houston Honors College **08/2008-05/2012**

- Bachelor of Science in Biology, Minor in Medicine and Society
- Magna Cum Laude with University Honors & Honors in Major

PROFESSIONAL EXPERIENCE

Research Assistant **05/2016-08/2016**

Regeneron Pharmaceuticals: Ophthalmology Department, Tarrytown, NY

Research Assistant **05/2015-08/2015**

Regeneron Pharmaceuticals: Ophthalmology Department, Tarrytown, NY

PROFESSIONAL SOCIETY MEMBERSHIPS

American Academy of Facial Plastics and Reconstructive Surgery **2021-Present**

Alpha Omega Alpha Honor Medical Society (ΑΩΑ) **2019-Present**

American Academy of Otolaryngology-Head and Neck Surgery	2018-Present
American College of Surgeons	2016-Present
American Medical Association	2016-Present

PROFESSIONAL SERVICES

Committee Memberships

American Academy of Facial Plastics and Reconstructive Surgery

- | | |
|---|----------------|
| 1. Membership/Residency Relations Committee | 09/2025 |
| 2. Emerging Trends and Technology Committee | 09/2025 |
| 3. Fellowship Education Committee | 10/2022 |
| Updated and revised fellowship compendium with direct access to all articles | |
| Quality improvement initiative evaluating discrepancies and streamlining fellowship education | |
| 4. Evidence Based Medicine & Research Committee | 10/2022 |
| 5. Continuing Medical Education Committee | 10/2022 |

American Academy of Otolaryngology-Head & Neck Surgery

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| 1. Otolaryngology Core Curriculum Program Faculty: Facial Plastic Surgery | 01/2024 |
| 2. Sections for Residents and Fellows American College of Surgeons Delegate | 10/2023 |
| Acting liaison between the SRF and ACS | |
| 3. Facial Plastic & Reconstructive Surgery Education Committee | 10/2023 |
| Rhinoplasty core curriculum development for AAO-HNS resident education modules | |
| 4. Trauma Committee | 10/2023 |
| 5. Resident Reviewer for Otolaryngology Head & Neck Surgery Journal | 10/2022 |
| Independently reviewed articles submitted to the journal for publication | |
| 6. Facial Plastic & Reconstructive Surgery Committee | 10/2022 |
| Collaborated on Nasal Valve Statement | |
| Physician statement on the importance of hyperbaric oxygen for compromised flaps | |
| AAO Bulletin Physician statement: Treatment of Subcondylar Fractures of the Mandible | |
| 7. Board of Governors Governance & Society Engagement Committee | 10/2021 |
| 8. Board of Governors Legislative Affairs Committee | 10/2021 |
| 9. Board of Governors Socioeconomic & Grassroots Committee | 10/2021 |
| 10. Section for Residents and Fellows Program Resident Representative | 10/2021 |
| Acting liaison between the SRF and the University of Nebraska Residency Program | |

CLINICAL TRIALS

- Boochoon K. The CompAer Study: A Prospective Study Comparing VivAer to Alternative Surgical Procedures to Treat Nasal Airway Obstruction in Patients With Nasal Valve Dysfunction. ClinicalTrials.gov identifier: NCT0692295.
- Boochoon K. & Barrera J. The OSPREY Study – Treating Obstructive Sleep Apnea using Targeted Hypoglossal Neurostimulation. ClinicalTrials.gov identifier: NCT04950894.

BIBLIOGRAPHY

1. Boochoon K. & Barrera J. The Importance of Tip Support and The Caudal Septal Extension Graft. *Facial Plastic Surgery*. Feb. 27, 2026.
2. Boochoon K. & Barrera J. Revising the Dorsal Preservation Rhinoplasty Patient. Complications and Revision in Rhinoplasty. *Facial Plastic Surgery Clinics North America*. Feb. 8, 2026.
3. Boochoon K & Moneta L. Functional Rhinoplasty. *American Academy of Otolaryngology-Head and Neck Surgery: Otolaryngology Core Curriculum Chapter*. June 2024
4. Curry SD, Boochoon KS, Casazza GC, Surdell DL, Cramer JA. Deep learning to predict risk of lateral skull base cerebrospinal fluid leak or encephalocele. *Int J Comput Assist Radiol Surg*. 2024;19(12):2453-2461.
5. Boochoon, K., Yousef, A., Watson, D. Barriers to Education: Limited Accessibility of Study Material Used During Facial Plastic & Reconstructive Surgery Fellowship Training. *Graduate Medical Education Research Journal*. 2024 Jun 27; 6(1).
6. Oyer S & Boochoon K. Treatment of Subcondylar Fractures of the Mandible: A Shifting Paradigm. *American Academy of Otolaryngology-Head and Neck Surgery Bulletin*: October 24, 2023.
7. Boochoon, K., Ongkasuwan, J., Ahn, A., Musso, M., Liu, Y. How Long Does It Take to Master Laryngeal Visualization Using Flexible Nasolaryngoscopy in Children?. *Graduate Medical Education Research Journal*. 2023 Oct 30; 5(2).
8. Boochoon K, Mottaghi A, Aziz A, Pepper J. Deep Learning for the Assessment of Facial Nerve Palsy: Opportunities and Challenges. *Facial Plastic Surgery*: Jun. 8, 2023.
9. Khandalavala K, Boochoon K, Schissel M, Heckman W, Geelan-Hansen K. "Age, ASA-status, and Changes in NSQIP Comorbidity Indices Reporting in Facial Fracture Repair." *The Laryngoscope*: Jan. 10, 2023.
10. Doval AF, Boochoon K, Le HB, Mehra NV, Liberman S, Harris JD , Echo A. Does Complexity Always Correlate With Compensation? An Analysis of Work Relative Value Units in 3 Common Nerve Decompression Syndromes. *Ann Plast Surg*. 2022;88(2):208-21
11. Doval AF, Ourian A, Boochoon KS, Chegireddy V, Lypka MA, Echo A. Comparing plastic surgery and otolaryngology surgical outcomes and cartilage graft preferences in pediatric

rhinoplasty: A retrospective cohort study analyzing 1839 patients. *Medicine (Baltimore)*. 2021 Jun 25;100(25)

12. Steen EH, Wang X, Boochoon KS, Ewing DC, Strang HE, Kaul A, Masri L, Balaji S, Hollier LH Jr, Keswani S. Wound Healing and Wound Care in Neonates: Current Therapies and Novel Options. *Adv Skin Wound Care*. 2020 Jun;33(6):294-300.
13. Boochoon KS, Barbieri AN, Mohyuddin NG. An Abnormal Neck Mass in a Pediatric Patient. *JAMA Otolaryngol Head Neck Surg*. 2020;146(4):375-376.
14. Hamilton KL, Doval AF, Boochoon KS, Spiegel AJ. "How Do We Raise the Bar in Autologous Breast Reconstruction? The Use of Progressive Tension Sutures for Donor Site Closure." *Plast Reconstr Surg Glob Open*. 2019;7(8):22-23.
15. Boochoon KS, "The Role of Astrocyte Dysfunction in the Pathogenesis of Epilepsy." *Journal of Medical Students Grand Rounds*. July, 2017.
16. Boochoon KS, Manarang JC, Davis JT, McDermott AM, Foster WJ. "The influence of substrate elastic modulus on retinal pigment epithelial cell phagocytosis." *J Biomech*. 2014;47(12):3237-40.

ABSTRACTS

1. Boochoon K, Geelan-Hansen K. "Acute Neck Immobility." University of Nebraska Medical Center Scary Cases Conference. October, 2023. (Presentation)
2. Curry S, Boochoon K, Cramer J. "Automated Deep Learning Segmentation of the Foramen Ovale to Predict Risk of Lateral Skull Base CSF Leak or Encephalocele." American Academy of Otolaryngology Head & Neck Surgery. October, 2023. (Presentation)
3. Boochoon K, Barnes C. "An Enlarging Pituitary Macroadenoma in a Pediatric Patient." University of Nebraska Medical Center Scary Cases Conference. October, 2021. (Presentation)
4. Christensen C, Schmoker S, Wagner W, Maloley L, Boochoon K, Maar D, Chundury R, Geelan-Hansen K. "Orbital Wall Fractures and Ocular Injury: Impact on Management." Combined Otolaryngology Spring Meeting. 2021 April. (Poster)
5. Boochoon K, Ongkasuwan J, Ahn A, Musso M, Liu YC. "How Long Does It Take to Master Flexible Nasolaryngoscopy in Children?" Triological Society Combined Sections Meeting. January 25, 2020. Coronado, CA (Presentation)
6. Hill, D, Doval AF, Boochoon KS, Beal LL, Spiegel AJ. How do we Raise the Bar in Autologous Breast Reconstruction? The Use of Progressive Tension Sutures for Donor Site

Closure. Plastic Surgery The Meeting (ASPS). San Diego, CA. September 20, 2019. (Presentation)

7. Hamilton K, Doval A, Boochoon K, Spiegel A. "How do we Raise the Bar in Autologous Breast Reconstruction? The Use of Progressive Tension Sutures for Donor Site Closure." American Society of Plastic Surgeons. September 20, 2019. San Diego, CA (Presentation)
8. Boochoon KS, Manarang JC, Davis JT, McDermott AM, Foster WJ. "The influence of substrate elastic modulus on retinal pigment epithelial cell phagocytosis" University of Houston Spring Undergraduate Research Symposium. April 12, 2012. Houston, TX (Poster)
9. Boochoon KS, Manarang JC, Davis JT, McDermott AM, Foster WJ. "The influence of substrate elastic modulus on retinal pigment epithelial cell phagocytosis" *The Association for Research in Vision & Ophthalmology Convention*. May 12, 2012. Ft. Lauderdale, FL. (Poster)

SUPPLEMENTAL MATERIAL: LECTURES/GRAND ROUNDS/CHAPTERS

1. Key Approaches and Management of Mandibular Trauma, Grand Rounds, Department of Otolaryngology-Head and Neck Surgery. University of Nebraska Medical Center; 09/23
2. Rhytidectomy: Approaches to Facial Aging, Grand Rounds, Department of Otolaryngology-Head and Neck Surgery. University of Nebraska Medical Center; 11/22.
3. External Approaches to the Paranasal Sinuses. Grand Rounds, Department of Otolaryngology-Head and Neck Surgery. University of Nebraska Medical Center; 03/22
4. Benign Laryngeal Lesions. Grand Rounds, Department of Otolaryngology-Head and Neck Surgery. University of Nebraska Medical Center; 03/21.
5. The Role of Astrocyte Dysfunction in the Pathogenesis of Epilepsy. Grand Rounds. Department of Medicine, Texas A&M College of Medicine; 07/17.
6. The Influence of Substrate Elastic Modulus on Retinal Pigment Epithelial Cell Phagocytosis. Thesis Presentation. University of Houston; 05/16.

HONORARY SOCIETIES, HONORS, AND AWARDS

Resident Leadership Grant	09/2023
American Academy of Otolaryngology- Head and Neck Surgery, Nashville, TN	
Resident Leadership Grant	08/2022
American Academy of Otolaryngology- Head and Neck Surgery, Philadelphia, PA	

Completion of Resident Reviewer Development Program American Academy of Otolaryngology- Head and Neck Surgery	08/2022
Resident Leadership Grant American Academy of Otolaryngology- Head and Neck Surgery, Los Angeles, CA	08/2021
Doctor of Medicine Honors Texas A&M College of Medicine, Houston, TX	05/2020
Phi Kappa Phi Honor Society Texas A&M College of Medicine, Houston, TX	04/2020
Triological Society Travel Award The Triological Society, Coronado, CA	01/2020
Medical Researcher Travel Award Texas A&M College of Medicine, Houston, TX	01/2020
Alpha Omega Alpha Honors Medical Society Texas A&M College of Medicine, Houston, TX	04/2019
Outstanding Radiology Student Award Texas A&M College of Medicine, Houston, TX	12/2019
Socratic Method Award Texas A&M College of Medicine, Houston, TX	05/2017
Biology Departmental Honors with University Honors University of Houston, Houston, TX	05/2012
Magna Cum Laude University of Houston, Houston, TX	05/2012
Outstanding Senior Honors Thesis Award University of Houston, Houston, TX	05/2012
University of Houston Undergraduate Research Travel Fellowship Award University of Houston, Houston, TX	05/2012
Dean's List University of Houston, Houston, TX	01/2010-05/2012

Outstanding Service Award

08/2009-05/2012

Partnership for the Advancement and Immersion of Refugees, Houston, TX

PERSONAL INTERESTS & HOBBIES

- Weightlifting, Swimming, Traveling, Strategy Games, Gardening, Cooking, & Golfing.