



Natalie Anne Homer, MD

Assistant Professor of Ophthalmology

 Curriculum Vitae available Online

CLINICAL OFFICE (PRIMARY)

- **Stanford Byers Eye Institute**

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Bio

BIO

Dr. Homer completed her ophthalmology residency at Massachusetts Eye and Ear Infirmary at Harvard Medical School and subsequently received fellowship training in plastic and reconstructive surgical procedures of the eyelids, orbit, nasolacrimal system and face accredited by the American Society of Ophthalmic Plastic and Reconstructive Surgery (ASOPRS) at TOC Eye and Face in Austin, TX. She completed an additional fellowship year in facial cosmetic surgery through the American Academy of Cosmetic Surgery (AACS), training in procedures including rhytidectomy (facelift), platysmaplasty (necklift), forehead/brow lift, blepharoplasty (upper and lower eyelid lift) and autologous fat transfer. She served as an assistant professor in the UC Davis Department of Ophthalmology from 2020 – 2022.

Dr. Homer clinically provides comprehensive ophthalmic plastic and reconstructive surgical care to her patients. She also enjoys improving patient confidence and self-esteem through restorative cosmetic facial surgery. In addition to clinical care, Dr. Homer strives to educate and inspire young medical trainees as an assistant professor of ophthalmology. Dr. Homer was the recipient of the UC Davis Ophthalmology Surgical Teaching Award in 2022. Dr. Homer serves on the American Board of Ophthalmology Written Examination Development Committee and is an oral board examiner for the American Society of Ophthalmic Plastic and Reconstructive Surgery.

Dr. Homer has performed research in the areas of orbital oncology, orbital and facial trauma, periorbital infections, eyelid and facial reconstruction, facial nerve palsy, pediatric orbital and adnexal disorders, nasolacrimal surgery, thyroid eye disease, cosmetic and functional surgical outcomes, wound healing, and oculoplastic fellowship education. She has presented her work at national and international conferences. In addition to her scientific work, she published 6 invited articles on topics including the women in cosmetic surgery, ophthalmology advocacy and oculoplastic fellowship training. Administratively, she serves as an Editorial Board Member for the American Journal of Ophthalmology case reports and EyeWiki.

CLINICAL FOCUS

- Ophthalmic Plastic and Orbital Surgery
- Cosmetic Facial Surgery
- Ophthalmic Plastic and Reconstructive Surgery

ACADEMIC APPOINTMENTS

- Assistant Professor - University Medical Line, Ophthalmology

PROFESSIONAL EDUCATION

- Board Certification, American Board of Facial Cosmetic Surgery , Facial Cosmetic Surgery (2020)
- Board Certification: Ophthalmology, American Board of Ophthalmology (2020)
- Fellowship, TOC Eye and Face , American Society of Ophthalmic Plastic and Orbital Surgery (2020)
- Fellowship, TOC Eye and Face , Cosmetic Facial Surgery (2020)
- Residency, Massachusetts Eye and Ear, Harvard Medical School , Ophthalmology (2018)
- Internship: St Francis Hospital-Evanston (2015) IL
- Medical Education, Feinberg School of Medicine, Northwestern University , Medicine (2014)

LINKS

- Dr. Homer's Website: <https://med.stanford.edu/drhomer.html>

Publications

PUBLICATIONS

- **5-Fluorouracil With Microneedling Modulates Wound Healing in a Murine Model: An Immunohistochemical Analysis of Mechanism and Dose Efficacy.** *Ophthalmic plastic and reconstructive surgery*
Homer, N. A., Hanafy, M. S., Baer, S. C., Watson, A. H., Somogyi, M., Shore, J. W., Blaydon, S., Durairaj, V. D., Cui, Z., Nakra, T.
2022; 38 (6): 596-601
- **Autologous Fat Transfer Harvest-site Complications: Incidence, Risk Factors, and Management** *OPHTHALMIC PLASTIC AND RECONSTRUCTIVE SURGERY*
Homer, N. A., Patel, A. S., Epstein, A., Durairaj, V. D., Nakra, T.
2022; 38 (1): 65-67
- **Safety of laser skin resurfacing in immunocompromised and diabetic patients** *EUROPEAN JOURNAL OF PLASTIC SURGERY*
Campagna, G. A., Homer, N. A., Artymowicz, A., Epstein, A., Durairaj, V. D., Nakra, T.
2022; 45 (1): 117-131
- **Oculoplastic fellow education during the COVID-19 crisis** *ORBIT-THE INTERNATIONAL JOURNAL ON ORBITAL DISORDERS-OCULOPLASTIC AND LACRIMAL SURGERY*
Homer, N. A., Epstein, A., Somogyi, M., Shore, J. W.
2022; 41 (1): 79-83
- **Wound Dehiscence Following Upper Blepharoplasty: A Review of 2,376 Cases.** *Ophthalmic plastic and reconstructive surgery*
Homer, N. A., Zhou, S., Watson, A. H., Durairaj, V. D., Nakra, T.
2020; 37 (3S): S66-S69
- **Consideration of Nasal Contour in Endoscopic Forehead Rejuvenation** *FACIAL PLASTIC SURGERY & AESTHETIC MEDICINE*
Homer, N. A., Elwood, K., Watson, A. H., Somogyi, M., Nakra, T., Blaydon, S.
2021; 23 (2): 98-102
- **Uncovered Undulations.** *JAMA ophthalmology*
Homer, N., Nakra, T., Wong, R. W.
2019; 137 (10): 1207-1208
- **Contemporary management of orbital blowout fractures.** *Current opinion in otolaryngology & head and neck surgery*
Homer, N., Huggins, A., Durairaj, V. D.
2019; 27 (4): 310-316
- **Management of Long-Standing Flaccid Facial Palsy: Periocular Considerations.** *Otolaryngologic clinics of North America*

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- Homer, N., Fay, A.
2018; 51 (6): 1107-1118
- **Assessment of Infraorbital Hypesthesia Following Orbital Floor and Zygomaticomaxillary Complex Fractures Using a Novel Sensory Grading System.** *Ophthalmic plastic and reconstructive surgery*
Homer, N., Glass, L. R., Lee, N. G., Lefebvre, D. R., Sutula, F. C., Freitag, S. K., Yoon, M. K.
2018; 35 (1): 53-55
 - **Evaluation of the American Society of Ophthalmic Plastic and Reconstructive Surgery (ASOPRS) Fellowship Program Website Content and Quality.** *Ophthalmic plastic and reconstructive surgery*
Homer, N., Yoon, M. K.
2017; 33 (6): 471-473
 - **Periocular breast carcinoma metastases: correlation of clinical, radiologic and histopathologic features.** *Clinical & experimental ophthalmology*
Homer, N., Jakobiec, F. A., Stagner, A., Cunnane, M. E., Freitag, S. K., Fay, A., Yoon, M. K.
2017; 45 (6): 606-612
 - **Post-Operative Endonasal Debridement May Improve Outcomes of Endoscopic Dacryocystorhinostomy.** *Ear, nose, & throat journal*
Homer, N. A., Watson, A. H., Nakra, T.
2023: 1455613231195144
 - **Fungal Endophthalmitis Masquerading as Sympathetic Ophthalmia.** *Retinal cases & brief reports*
Hang, A., Ruiz, J., Park, S. S., Homer, N. A., Kim, E., Moussa, K.
2023
 - **Primary Cranio-Orbital Presentation of Multiple Myeloma.** *Ophthalmic plastic and reconstructive surgery*
Homer, N. A., Epstein, A., Kemper, C., Somogyi, M.
2023
 - **Rare Intraosseous Cavernous Hemangioma of the Orbit.** *Ophthalmology*
Soetikno, B. T., Charoenkijakorn, C., Homer, N. A.
2023
 - **Adnexal squamous cell carcinoma: incidence of eyelid margin involvement.** *Orbit (Amsterdam, Netherlands)*
Watson, A. H., Akbani, S., Homer, N., Somogyi, M., Durairaj, V.
2023; 42 (3): 269-272
 - **Giant Lacrimal Gland Cyst in a Pediatric Patient: Case Report and Review of the Literature.** *Ophthalmic plastic and reconstructive surgery*
Luthra, S., Kim, E., Homer, N. A.
2023
 - **Potent Periorbital Fractionated CO 2 Laser Resurfacing.** *Dermatologic surgery : official publication for American Society for Dermatologic Surgery [et al.]*
Watson, A. H., Van Brummen, A., Somogyi, M. B., Homer, N., Nakra, T.
2022; 48 (10): 1089-1091
 - **Traumatic intrachoroidal nail implantation.** *Proceedings (Baylor University. Medical Center)*
Epstein, A., Homer, N., Reed, D., Young, R., Durairaj, V. D.
2022; 35 (1): 106-107
 - **Middle-aged Woman With Atypical Upper Eyelid Retraction** *JAMA OPHTHALMOLOGY*
Homer, N. A., Darrow, M.
2022; 140 (9): 902-903
 - **Metastatic melanoma regression on targeted therapy** *ORBIT-THE INTERNATIONAL JOURNAL ON ORBITAL DISORDERS-OCULOPLASTIC AND LACRIMAL SURGERY*
Copparam, S., Kim, E., Homer, N. A.
2022: 1
 - **Cutaneous angiosarcoma presenting as bilateral periorbital edema.** *Orbit (Amsterdam, Netherlands)*
West, B. A., Hoesly, P. M., LeBoit, P. E., Homer, N. A.
2022: 1-3

- **Unilateral Favre-Racouchot of the Eyelid** *ORBIT-THE INTERNATIONAL JOURNAL ON ORBITAL DISORDERS-OCULOPLASTIC AND LACRIMAL SURGERY*
Watson, A. H., Homer, N., El-Hadad, C., Durairaj, V.
2022; 1
- **Devastating injury from blunt airbag trauma.** *Journal of the American College of Emergency Physicians open*
Malhotra, K., Rose, J., Homer, N.
2022; 3 (1): e12676
- **Acute retrobulbar hemorrhage after tooth extraction: Case report and treatment of a rare condition** *SPECIAL CARE IN DENTISTRY*
Gupta, N., Epstein, A., Reed, D., Homer, N., Blaydon, S., Alford, J., Nakra, T.
2022; 42 (3): 304-307
- **Acute Chagas Disease Manifesting as Orbital Cellulitis, Texas, USA.** *Emerging infectious diseases*
Hudson, F. P., Homer, N., Epstein, A., Mondy, K.
2021; 27 (11): 2937-2939
- **Black bone disease of the skull incidentally discovered during endoscopic brow lifting** *EUROPEAN JOURNAL OF PLASTIC SURGERY*
Vaswani, Z. G., Homer, N. A., Epstein, A., Nakra, T.
2022; 45 (1): 183-186
- **Ecthyma gangrenosum of the eyelid in an immunocompromised patient.** *Orbit (Amsterdam, Netherlands)*
Homer, N. A., Epstein, A., Hoesly, P. M.
2021; 40 (2): 172
- **Simultaneous presentation of orbital mantle cell lymphoma and endocrine mucin-producing sweat gland carcinoma** *ORBIT-THE INTERNATIONAL JOURNAL ON ORBITAL DISORDERS-OCULOPLASTIC AND LACRIMAL SURGERY*
Shah, D. S., Homer, N. A., Epstein, A., Durairaj, V. D.
2022; 41 (4): 509-513
- **Atypical presentation of an endocrine mucin-producing sweat gland carcinoma of the eyelid.** *Orbit (Amsterdam, Netherlands)*
Homer, N. A., Hoesly, P. M., Durairaj, V. D.
2021; 40 (1): 81-82
- **Acute post-partum vision loss due to pilocytic astrocytoma.** *American journal of ophthalmology case reports*
Homer, N. A., Epstein, A., Durairaj, V. D., Wang, M., Jonna, G., Somogyi, M.
2020; 20: 100897
- **Atypical acute presentation of an optic nerve sheath meningioma.** *American journal of ophthalmology case reports*
Holan, C., Homer, N. A., Epstein, A., Durairaj, V. D.
2020; 20: 100951
- **Benign Meningioma With Rare Osteolytic Behavior.** *Ophthalmic plastic and reconstructive surgery*
Homer, N. A., Huggins, A. B., Durairaj, V. D.
2020; 36 (3): e81
- **Varicella-Zoster Virus of the Eyelid.** *JAMA ophthalmology*
Watson, A. H., Homer, N. A., Somogyi, M. B.
2020; 138 (7): 795-796
- **Bilobed Dermoid Cyst in Unique Location.** *Ophthalmic plastic and reconstructive surgery*
Artymowicz, A., Homer, N., Bratton, E.
2020; 37 (2): e82
- **Pediced Buccal Fat Flap: An Underutilized Source of Vascularized Periorbital Volume.** *Facial plastic surgery & aesthetic medicine*
Watson, A. H., Homer, N., Somogyi, M., Shore, J., Nakra, T.
2020; 22 (1): 61-63
- **Clinicopathologic and Magnetic Resonance Imaging Analysis of a Multifocal Orbital Lymphoid Tumor.** *Ocular oncology and pathology*
Jakobiec, F. A., Homer, N., Zakka, F. R., Curtin, H. D., Fay, A.

2018; 4 (2): 82-89

- **Bilateral Periorbital Impetigo Inducing Significant Dermatitis and Cicatricial Eyelid Changes in an Adult.** *Ophthalmology*
Homer, N., Habib, L., Lee, N. G.
2018; 125 (6): 798
- **Facial Pyoderma Gangrenosum Presenting With Cranial Nerve VII Palsy and Cicatricial Ectropion.** *Ophthalmic plastic and reconstructive surgery*
Homer, N., Freitag, S. K.
2017; 33 (6): e170
- **Lymphatic malformation with acquired Horner syndrome in an infant.** *BMJ case reports*
Spors, B., Seemann, J., Homer, N., Fay, A.
2017; 2017
- **Periocular Breast Carcinoma Metastases: Predominant Origin From the Lobular Variant.** *Ophthalmic plastic and reconstructive surgery*
Jakobiec, F. A., Stagner, A. M., Homer, N., Yoon, M. K.
2017; 33 (5): 361-366
- **Response to: 'Comment on Transitioning to intravitreal aflibercept following a previous treat-and-extend dosing regimen in neovascular age-related macular degeneration: 24-month results'.** *Eye (London, England)*
Homer, N., Grewal, D. S., Mirza, R. G., Lyon, A. T., Gill, M. K.
2015; 29 (12): 1630-1
- **Transitioning to intravitreal aflibercept following a previous treat-and-extend dosing regimen in neovascular age-related macular degeneration: 24-month results.** *Eye (London, England)*
Homer, N., Grewal, D. S., Mirza, R. G., Lyon, A. T., Gill, M. K.
2015; 29 (9): 1152-5
- **Early readmission for congestive heart failure predicts late mortality after cardiac surgery.** *The Journal of thoracic and cardiovascular surgery*
Lee, R., Homer, N., Andrei, A. C., McGee, E. C., Malaisrie, S. C., Kansal, P., McCarthy, P. M.
2012; 144 (3): 671-6
- **Idiopathic massive left ventricular thrombus in HIV patient.** *Journal of cardiothoracic surgery*
Homer, N., Sheen, L., Lee, R.
2012; 7: 65