

Clinical Ocular Immunology

C. Stephen Foster, M.D.

The Clinical component of the Ocular Immunology and Uveitis Foundation at the Massachusetts Eye Research and Surgery Institution, currently operates each day of the work week, with approximately 12,000 patient visits each year. Its staff of 4 faculty physicians, 10 Fellows, 4 technicians, 1 office manager, 5 secretaries and a 2 research coordinators share a philosophy of never quitting, doing whatever it takes to prevail in the quest to accurately diagnose and successfully treat patients with any form of inflammation affecting any part of the eye or its surrounding areas (lids, orbit, etc.) Research and care of patients at this Institution has resulted in the development of therapeutic algorithms for:

1. Recurrent Herpes Simplex Keratitis
2. Recurrent Herpes Simplex Uveitis
3. Mooren's Corneal Ulcer
4. Ocular Cicatricial Pemphigoid
5. Autoimmune Scleritis
6. Autoimmune Keratitis
7. Recurrent Stevens-Johnson Syndrome
8. Ocular Atopy
9. Conjunctival Lichen Planus
10. Ocular Vasculitis in Systemic Disease
11. Uveitis

Clinical studies currently in progress include:

1. Evaluation of a new steroid for uveitis therapy
2. Evaluation of flexible lens implants for uveitis patients
3. Evaluation of a new immunomodulator for pemphigoid
4. Evaluation of filtration devices for uveitic glaucoma
5. Evaluation of a topical immunomodulator for atopy
6. Evaluation of a new antiviral for herpes keratitis
7. Outcomes analysis of Mooren's ulcer therapy
8. Outcomes analysis of JIA iritis therapy
9. Study of the immunopathogenesis of Stevens-Johnson Syndrome
10. Study of JIA iritis and glaucoma
11. Outcomes analysis of Intermediate uveitis
12. Epidemiology study of uveitis in the elderly
13. Study of immunomodulatory therapy for sarcoidosis
14. Study of the effect of vitrectomy on uveitis control
15. Study of lymphoma masquerading as uveitis cases
16. Study related to Birdshot