

CURRICULUM VITAE
The Johns Hopkins University School of Medicine

Yassine J. Daoud, M.D.

DEMOGRAPHIC AND PERSONAL INFORMATION

Current Appointment

Assistant Professor of Ophthalmology
The Johns Hopkins University School of Medicine, July 2010-present

Active Staff, Full-time
The Johns Hopkins Hospital, July 2009-present

Courtesy Staff
The Johns Hopkins Bayview Medical Center, July 2005-July 2006
The Johns Hopkins Bayview Medical Center, July 2009-present

Personal Data

Cornea Clinic,
Maumenee 3rd Floor
Wilmer Eye Institute
The Johns Hopkins Medical Institutions
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Tel: (410) 955-5494 Fax: (410) 502-3526
E-mail: ydaoud1@jhmi.edu

EDUCATION AND TRAINING

- 1993-1995 Bilingual International Baccalaureate Diploma. Armand Hammer
 United World College, Montezuma, NM
- 1995-1999 B.A. Amherst College, Amherst, MA
 Concentration 1: Chemistry
 Concentration 2: Neuroscience
- 2000-2005 M.D. Harvard Medical School, Boston, MA
- 2003-2005 Clinical Research Fellowship, Harvard Medical School and
 Massachusetts Eye and Ear Infirmary, Boston, MA
- 2005-2006 Internal Medicine Internship, The Johns Hopkins University/
 Bayview Medical Center, Baltimore, MD
- 2006-2009 Ophthalmology Residency, Duke University Eye Center, Durham, NC

2009-2010 Cornea and External Disease Fellowship, The Johns Hopkins Medical Institutions, Baltimore, MD

PROFESSIONAL EXPERIENCE

1997-1999 Science Research Assistant, Amherst College, Amherst, MA

1997-1999 Teacher Assistant, Amherst College, Amherst, MA

1999-2000 Research Scientist, Neurogen Corporation, Branford, CT

2003-2005 Doris Duke Fellowship, Harvard Medical School and Massachusetts Eye and Ear Infirmary, Boston, MA

2009-2010 Faculty, Wilmer Eye Institute, Baltimore, MD

2010-present Assistant Professor of Ophthalmology, Wilmer Eye Institute

RESEARCH ACTIVITIES

Publications

1. Letko E, Miserocchi E, **Daoud YJ**, Christen W, Foster CS, Ahmed AR. A nonrandomized comparison of the clinical outcome of ocular involvement in patients with mucous membrane (cicatricial) pemphigoid between conventional immunosuppressive and intravenous immunoglobulin therapies. *Clin Immunol*. 2004 Jun; 111(3):303-10.
2. Sami N, Letko E, Androudi S, **Daoud Y**, Foster CS, Ahmed AR. Intravenous immunoglobulin therapy in patients with ocular-cicatricial pemphigoid: a long-term follow-up. *Ophthalmology*. 2004 Jul; 111(7):1380-2.
3. **Daoud YJ**, Letko E, Nguyen QD, Soukiasian SH, Samson CM, Sangwan V, Harper SL, Michel S, Schuman JS, Foster CS. Aqueous humour outflow facility in OCP. *Middle East Journal of Ophthalmology* 2004;12:102-107
4. Letko E, Papaliadis DN, Papaliadis GN, **Daoud YJ**, Ahmed AR, Foster CS. Stevens-Johnson syndrome and toxic epidermal necrolysis: a review of the literature. *Ann Allergy Asthma Immunol*. 2005 Apr;94(4):419-36; quiz 436-8, 456.
5. **Daoud YJ**, Foster CS, Ahmed R. Eyelid skin involvement in pemphigus foliaceus. *Ocul Immunol Inflamm*. 2005 Sep-Oct; 13(5):389-94.
6. **Daoud YJ**, Cervantes R, Foster CS, Ahmed AR. Ocular pemphigus. *J Am Acad Dermatol*. 2005 Oct; 53(4):585-90.
7. **Daoud Y**, Amin KG, Mohan K, Ahmed AR. Cost of intravenous immunoglobulin therapy versus conventional immunosuppressive therapy in patients with mucous membrane pemphigoid: a preliminary study. *Ann Pharmacother*. 2005 Dec; 39(12):2003-8.

8. Kafkala C, **Daoud YJ**, Paredes I, Foster CS. Masquerade scleritis. *Ocul Immunol Inflamm.* 2005 Dec; 13(6):479-82.
9. Hynes AY, Kafkala C, **Daoud YJ**, Foster CS. Controversy in the use of high-dose systemic steroids in the acute care of patients with Stevens-Johnson syndrome. *Int Ophthalmol Clin.* 2005 Fall; 45(4):25-48.
10. **Daoud YJ**, Amin KG. Comparison of cost of immune globulin intravenous therapy to conventional immunosuppressive therapy in treating patients with autoimmune mucocutaneous blistering diseases. *Int Immunopharmacol.* 2006 Apr; 6(4):600-6.
11. Bernstein D, Soeffing J, **Daoud YJ**, Fradin J, Kravet SJ. The obscured gallbladder. *Am J Med.* 2007 Aug;120(8):675-7.
12. **Daoud YJ**, Song J, Hutchinson A, Wallace D, Kim T. Refractive Surgery in Children: Treatment Options, Outcomes and Controversies. *American Journal of Ophthalmology.* 2009 Apr;147(4):573-582.e2.
13. Quiñones K, Cervantes-Castañeda RA, Hynes AY, **Daoud YJ**, Foster CS. Outcomes of cataract surgery in children with chronic uveitis. *J Cataract Refract Surg.* 2009 Apr;35(4):725-31.
14. Hazin R, Abuzetun JY, **Daoud YJ**, et al. Ocular complications of cancer therapy: a primer for the ophthalmologist treating cancer patients. *Curr Opin Ophthalmol.* 2009 Jul;20(4):308-17.
15. Hendrick AM, Kahook MY, **Daoud YJ**, Hazin R. Ophthalmic manifestations of endocrine disorders: approaches and medical management. *Curr Opin Ophthalmol.* 2009 Nov;20(6):495-503.
16. Hazin R, **Daoud YJ**, Khan MF. Ocular Ischemic Syndrome: recent trends in medical management. *Curr Opin Ophthalmol.* 2009 Nov;20(6):430-3.
17. Eghrari AO, **Daoud YJ**, Gottsch JD. Cataract surgery in Fuchs corneal dystrophy. *Curr Opin Ophthalmol.* 2010 Jan;21(1):15-9.
18. Hazin R, **Daoud YJ**, Khalifa YM. What is central toxic keratopathy syndrome if it is not diffuse lamellar keratitis grade IV? *MEAJO.* 2010; 17(1):60-2.
19. Hazin R, Lum F, **Daoud YJ**. Ophthalmic features of systemic diseases. *Ann Med.* 2012 May;44(3):242-52
20. **Daoud YJ**, Smith R, Smith T, Akpek EK, Ward DE, Stark WJ. The intraoperative impression and postoperative outcomes of gamma-irradiated corneas in corneal and glaucoma patch surgery. *Cornea.* 2011 Dec;30(12):1387-91
21. **Daoud YJ**, Munro AD, Delmonte DD, Stinnett S, Kim T, Carlson A, MD, Afshari NA. Effect Of Graft Thickness on the outcome of DSAEK surgery. *American Journal of Ophthalmology* 2013

22. Kashiwabuchi FK, Khan YA, Rodrigues MW, Wang J, McDonnell PJ, **Daoud YJ**. Seidel and India ink tests assessment of different clear cornea side port incision configurations. *Graefes Arch Clin Exp Ophthalmol*. 2013 Aug;251(8):1961-5
23. Rodrigues M, Xin X, Jee K, Kashiwabuchi F, Ma T, Bhutto I, **Daoud YJ**, Baranano D, Solomon S, Luty G, Semenza GL, Montaner S, Sodhi A. VEGF Secreted by Hypoxic Müller Cells Induces MMP-2 Expression and Activity in Endothelial Cells to Promote Retinal Neovascularization in Proliferative Diabetic Retinopathy. *Diabetes*. 2013
24. Pan Q, Angelina A, Marrone M, **Daoud Y**, Stark WJ, Heflin T, Zambrano A, Tang L, Datiles M, Akpek EK. Autologous serum eye drops for dry eye syndrome. *Cochrane Database of Systematic Reviews* 2011, Issue 9.
25. Alkharashi M, Bower KS, Stark WJ, **Daoud YJ**. Refractive Surgery in Systemic and Autoimmune Disease. *MEAJO*
26. Alkharashi M, Stark WJ, **Daoud YJ**. Advances In Cataract Surgery. *Expert Review of Ophthalmology*.

Intramural Funding

- | | |
|-----------|---|
| 2002 | Assessing the effect of novel pharmacotherapy in treatment of neuropathic pain, Harvard Medical School PASTEUR Fellowship |
| 2009-2010 | The Use of a Sterile Cornea for Lamellar and Patch graft. Maumenee Grant award. Wilmer Research Meeting |
| 2013-2014 | Use of Femtosecond Laser in Cataract Surgery. Wilmer Eye Institute Satellite Research Committee. (\$100,000) |

Extramural Funding

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| 2003-2004 | The creation of a serum assay for the diagnosis of Ocular Cicatricial Pemphigoid. Doris Duke Fellowship. (\$22,000) |
| 2013-2014 | Use of Femtosecond Laser in Cataract Surgery. Michael O'Bannon Foundation grant. (\$100,000) |

Book Chapters and Monographs

1. **Yassine Daoud**, Terry Kim. Corneal Surgery, in *Corneal Handbook*. Bill Trattler, Parag Majmudar, Jodi Luchs, Tracy Swartz, Editors. Slack Inc. 2009
2. Fasika Woreta, **Yassine Daoud**, Craig Bower. LASIK Instrumentation: Microkeratomes, Excimer Lasers & Wavefront Analyzers, in *Cornea*. Natalie Afshari, Robert Copeland, Editors. Jaypee Brothers Medical. 2011
3. Rory Myer, **Yassine Daoud**. Pellucid Marginal Degeneration, in *Masters Techniques in Ophthalmic Surgery*. Hampton Roy MD, Editor. 2013
4. Nicholas Butler, **Yassine Daoud**. Band Keratopathy, in *Masters Techniques in Ophthalmic Surgery*. Hampton Roy MD, Editor. 2013
5. **Yassine Daoud**, Walter Stark. Iris-Fixated intraocular lens, in Posterior Capsular Rupture. Amar Agarwal and Soosan Jacob, Editors. Slack Inc. 2013
6. **Yassine Daoud**, Walter Stark. My patient has a systemic disease (diabetes, lupus, HIV...), should I perform refractive surgery? In *Curbside Consultation in Refractive and Lens-Based Surgery: 49 Clinical Questions*. Sonia Yoo and Bonnie Henderson, Editors. Slack Inc. 2013

Conference Papers

1. Water SM, **Daoud YJ**, Bednar DL, Peck AE, Mack CM, Kelly LM, Krause JE. Suppression subtractive hybridization identifies differentially expressed rat hypothalamic genes in a high fat diet feeding model. *Society for Neuroscience*. 2000
2. Hynes AY, Cervantes R, **Daoud YJ**, Foster CS. Cataract surgery in children with chronic uveitis. *The Association for Research in Vision and Ophthalmology*. 2004
3. Ahmed AR, Razzaque MS, **Daoud YJ**, Rashid KA, Foster CS. Effects of IL-13 on Fibroblasts Isolated from Conjunctivae of Control and Cicatricial Pemphigoid. *The Association for Research in Vision and Ophthalmology*. 2004
4. Razzaque MS, **Daoud YJ**, Foster CS, Ahmed AR. Molecular mechanism that determines the conjunctival macrophage population in cicatricial pemphigoid. *The Association for Research in Vision and Ophthalmology*. 2004

5. **Daoud YJ**, Sami N, Letko E, Androudi S, Foster CS, Ahmed AR. Effectiveness of Intravenous Immunoglobulin Therapy in Patients with Ocular Cicatricial Pemphigoid- long-term follow-up study. *The Association for Research in Vision and Ophthalmology*. 2004
6. **Daoud YJ**, Foster CS, Ahmed AR. IVIg vs CIST in MMP. *Soma Weiss Day, Harvard Medical School*. 2004
7. **Daoud YJ**, Stinnett S, Fekrat S, et al. Predicting the Outcome of Bevacizumab in the treatment of Neovascular Age-related Macular Degeneration. *The Association for Research in Vision and Ophthalmology*. 2008
8. Wicks R, Yoshida J, Zambrano A, Tyler B, Kashi J, Ghelbach P, **Daoud YJ**, Brem H, Stark WJ. Inhibition of Corneal Neovascularization by Fc-Endostatin. Wilmer Research meeting. 2011 (Oral presentation)
9. Wicks R, Yoshida J, Zambrano A, Tyler B, Kashi J, Ghelbach P, **Daoud YJ**, Brem H, Stark WJ. Inhibition of Corneal Neovascularization by Fc-Endostatin. *Association for Research in Vision and Ophthalmology*. 2011
10. Heflin TH, Yoshida J, Zambrano A, Jun A, Meng H, Pan Q, Stark W, **Daoud YJ**. Gamma-irradiated Sterile Cornea for use in Penetrating Keratoplasty: A Novel Approach. *Association for Research in Vision and Ophthalmology*. 2011
11. Heflin TH, Yoshida J, Zambrano A, Jun A, Meng H, Pan Q, Stark W, **Daoud YJ**. Gamma-irradiated Sterile Cornea for use in Penetrating Keratoplasty: A Novel Approach. Wilmer Research Meeting. 2011
12. **YJ Daoud**, YA Khan, RT Kashiwabuchi, SM Tracy, EA Akpek, WJ Stark, A Behrens, PJ McDonnell. Prospective Analysis of Side Port Incision Morphology in the Early Postoperative Period: Examining the Relationship Between Axial Length and Wound Gaping. *Association for Research in Vision and Ophthalmology*. 2010
13. MW Rodrigues, YA Khan, FK Kashiwabuchi, PJ McDonnell, **YJ Daoud**. Efficacy of 3 Different Methods For Side Port Incision Wound Sealing. American Academy of Ophthalmology. 2011
14. FK Kashiwabuchi, MW Rodrigues, YA Khan, PJ McDonnell, **YJ Daoud**. Seidel and India ink tests assessment for different side port incision configuration ASCRS. 2012
15. AI Zambrano, JG Ladas, A Kim, K Pratzler, OD Schein, K Huyn, B Muñoz, WJ Stark, JD Gottsch, **YJ Daoud**. Calculation of Intraocular Lens Power After Laser Vision Correction Using a New Clinical Method Compared to Other No-History Methods. American Academy of Ophthalmology. 2012
16. Li Tang, AI Zambrano A, WJ Stark, **YJ Daoud**. Long-term outcomes of glaucoma drainage implant (GDIs) surgery using Sterile Cornea patch graft. *Association for Research in Vision and Ophthalmology*. 2012
17. Surajit Saha, AI Zambrano A, WJ Stark, **YJ Daoud**. DSAEK in patients with previous glaucoma surgery. American Academy of Ophthalmology. 2013

Non Peer Review

1. **Daoud YJ**, Foster CS. Ocular Sarcoidosis. Available at <http://www.uveitis.org/medical/articles/case/sarc.htm>. Accessed August 5, 2009
2. **Daoud YJ**, Stark WJ. Iris-fixated surgical technique of an acrylic intraocular lens in the absence of capsule support. EyeWorld 2011
3. **Daoud YJ**. Pediatric Refractive Surgery. Ophthalmology Times. June 2011.

CME Instruction (Lecturer)

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| 2003 | Posterior Segment Ocular Inflammatory Disease. Grand Rounds. Massachusetts Eye and Ear Infirmary, Harvard Medical School, Boston, MA |
| 2004 | Ocular Sarcoidosis. Grand Rounds. Ocular Immunology and Uveitis Service, Massachusetts Eye and Ear Infirmary, Harvard Medical School, Boston, MA |
| 2004 | Conjunctival and Eyelid Disease. Case presentation. Ninth Foster Ocular Immunology Society Annual Meeting, Ft Lauderdale, FL |
| 2006 | Ocular Pathology Secondary to Non-accidental Trauma. Grand Rounds. Duke University Eye Center, Durham, NC |
| 2007 | Predicting the Outcome of Bevacizumab in the treatment of Neovascular Age-related Macular Degeneration. Residents and Fellows Research Day. Duke University Eye Center, Durham, NC |
| 2007 | Severe Posterior Uveitis. Grand Rounds. Duke University Eye Center, Durham, NC |
| 2008 | Syphilitic Panuveitis. Case presentation. Ninth Foster Ocular Immunology Society Annual Meeting, Ft Lauderdale, FL |
| 2008 | OCT morphology and the Outcome of Bevacizumab in the treatment of Neovascular Age-related Macular Degeneration. Residents and Fellows Research Day. Duke University Eye Center, Durham, NC |
| 2008 | Aphakic Pediatric Glaucoma. Grand Rounds. Duke University Eye Center, Durham, NC |
| 2009 | Effect of Donor Graft Thickness on the Outcome of DSAEK Corneal Transplant surgery. Residents and Fellows Research Day. Duke University Eye Center, Durham, NC |

- 2009 Current Concepts in Ophthalmology, "Corneoscleral limbal Xanthogranuloma," Baltimore, MD
- 2010 Wilmer Residents Association Annual Meeting, "Use of a Sterile Cornea for Lamellar and Patch graft," Baltimore, MD
- 2010 Red eye. Wilmer Resident Orientation. Wilmer Eye Institute. Baltimore, MD
- 2010 Pediatric Refractive Surgery. Current Concepts in Ophthalmology. Wilmer Eye Institute. Baltimore, MD
- 2010 Use of Sterile Cornea in Cornea and Glaucoma Surgery. Current Concepts in Ophthalmology. Wilmer Eye Institute. Baltimore, MD
- 2010 Effect Of Graft Thickness on the outcome of DSAEK surgery. Wilmer Eye Institute Cornea Alumni Annual meeting. Chicago, IL
- 2011 Inflammatory diseases of the cornea. Wilmer Resident Orientation. Wilmer Eye Institute. Baltimore, MD
- 2011 Interesting cornea cases: Utilizing slit lamp to the fullest. Wilmer Resident Orientation. Wilmer Eye Institute. Baltimore, MD
- 2011 Effect of Graft Thickness on the Outcome of DSAEK surgery. Current Concepts in Ophthalmology. Wilmer Eye Institute. Baltimore, MD
- 2011 Corneal Crosslinking in the Treatment for Corneal Ectasia. Current Concepts in Ophthalmology. Wilmer Eye Institute. Baltimore, MD
- 2012 Premium Intraocular Lenses. 29th Wilmer Nursing Conference. Wilmer Eye Institute Baltimore MD.
- 2012 Calculation of Intraocular Lens Power After Laser Vision Correction. Current Concepts in Ophthalmology. Wilmer Eye Institute. Baltimore, MD
- 2012 Outcome of DSAEK in patients with previous glaucoma surgery. Current Concepts in Ophthalmology. Wilmer Eye Institute. Baltimore, MD
- 2012 Interesting cornea cases. Facilitator and discussant. Current Concepts in Ophthalmology. Wilmer Eye Institute. Baltimore, MD
- 2013 Differential Diagnosis of red eye. Wilmer Resident Orientation. Wilmer Eye Institute. Baltimore, MD
- 2013 Immunologic diseases of the cornea. Wilmer Resident Lecture series. Wilmer Eye Institute. Baltimore, MD
- 2013 Surgical Correction of Astigmatism. Wilmer Resident Lecture series. Wilmer Eye Institute. Baltimore, MD

- 2014 Femtosecond laser assisted cataract surgery: future of the technology. King Khaled Eye Specialist Hospital, Riyadh.
- 2014 Ocular Morbidity and Mortality. Visiting expert faculty. King Khaled Eye Specialist Hospital, Riyadh.

Reviewer/Editorial Board

Reviewer for

1. Retina
2. American Journal of Ophthalmology
3. Acta Ophthalmologica
4. Expert Review of Ophthalmology
5. Advances in Therapy
6. Journal of Refractive Surgery
7. Ocular Immunology and Inflammation

Editorial Board

1. Medical Hypothesis, Discovery & Innovation (MEHDI) Ophthalmology
2. Journal of Ocular Diseases and Therapeutics
3. Journal of Ocular Biology
4. Journal of Medical Disorders
5. BMC Ophthalmology

Committees

1. Committee Chair: Femtosecond Laser-assisted Cataract Surgery. Wilmer Eye Institute
2. Cornea Department Education Champion for Resident Education
3. Johns Hopkins CME Advisory Board Committee
4. Johns Hopkins University Faculty Senate
5. Wilmer Worldwide Committee
6. Cornea Department EPIC Superuser

Professional Societies

- | | |
|--------------|--|
| 2004-present | Member, Association for Research in Vision and Ophthalmology |
| 2004-2011 | Member, Foster Ocular Immunology Society |
| 2006-present | Member, American Academy of Ophthalmology |
| 2007-present | Member, American Society of Cataract and Refractive Surgery |
| 2009-present | Member, International Society of Cataract and Refractive Surgery |
| 2013-present | Fellow, American College of Surgeons |

RECOGNITION

Awards and Honors

- 1993-1995 First place winner of merit-based full scholarship to attend the United World College
- 1999 Honors Thesis Magna Cum Laude in Chemistry, Amherst College
- 1999 B.A. Magna Cum Laude in Neuroscience and Chemistry, Amherst College
- 1999 Recipient, Frank Fowler Prize for "Most Promising Graduate for career of distinction in medicine."
- 2000-2005 Harvard Medical School Scholarship (\$22,000 a year)
- 2000-2004 Saud Shawwaff Scholarship (\$21,000 a year), Harvard Medical School
- 2003-2004 Doris Duke Research Fellowship (\$22,000), Harvard Medical School
- 2000-2003 John Woodruff Simpson Fellowship (\$2,400 a year), Harvard Medical School
- 2005 National Dean's List
- 2006 National Dean's List
- 2005 The Chancellor's List
- 2007 Invitee, Heed Ophthalmic Foundation Residents Retreat. Chicago
- 2005-2006 Recipient of "Best Bedside Skills" Teamwork award, Johns Hopkins University Bayview Medical Center
- 2010 A. Edward Maumenee Research Grant Award, Wilmer Eye Institute. Project Title: " Use of a Sterile Cornea for Lamellar and Patch graft "
- 2011 Listed in the "*Top Ophthalmologist in Baltimore, MD*" by the International Association of Healthcare Professionals (IAHCP) in "The leading Physicians of The World".
- 2012 Listed in "*America's Top Ophthalmologists*" by Consumers Research Council of America
- 2013 Listed in "*Super Doctors® Washington, DC-Baltimore-Northern Virginia Rising StarsSM list*" by the Key Professional Media, Inc.

- 2013 Listed in "*Leading Health Professionals of the World 2013*" by the International Biographical Center, Cambridge, England
- 2013 Listed in the Johns Hopkins Hospital "*Service Stars*"