

MOHAMED F. ABOU SHOUSHA, MD, FRCS, PHD

Current Position:

Assistant Professor of Clinical Ophthalmology, Cornea and External Disease
Bascom Palmer Eye Institute, University of Miami Miller School of Medicine

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HIGHER EDUCATION AND PREVIOUS EMPLOYMENT

Saint Louis University Eye Institute, Saint Louis, MO • Resident Physician of Ophthalmology (7/1/2012 till 6/30/2015)

Saint Louis University Hospital, Saint Louis, MO • Medicine Internship (7/1/2011 till 6/30/2012)

Bascom Palmer Eye Institute, University of Miami • Clinical Fellow, Cornea, refractive surgery & external eye disease (7/1/2010 till 6/30/2011)

Supreme Council of Universities-Egypt, Cairo, Egypt • Ph.D., Doctoral degree of Ophthalmology (5/11/2008 till 06/16/2013)

Bascom Palmer Eye Institute, University of Miami • Research Fellow (7/22/2008 till 7/1/2010)

Fellowship of the Royal College of Physicians & Surgeons of Glasgow • FRCS (12/7/2009 till 03/21/2013)

Educational Commission for Foreign Medical Graduates certificate (1/3/2011)

Faculty of Medicine, Alexandria University, Egypt • Master's in Ophthalmology (11/29/2004 till 11/19/2007)

Abou Shousha Ophthalmic Center, Alexandria, Egypt • Medical Staff (11/29/2007 till 07/01/2008)

Alexandria Main University Hospital, Alexandria, Egypt • Residency of Ophthalmology (11/29/2004 till 11/28/2007)

Abou Shousha Ophthalmic Center, Alexandria, Egypt • Medical Staff (2/28/2004 till 11/28/2004)

Alexandria Main University Hospital, Alexandria, Egypt • Medical Internship (3/1/2003 till 2/28/2004)

Abou Shousha Ophthalmic Center, Alexandria, Egypt • Research associate (9/01/2002 till 3/1/2003)

Faculty of Medicine, Alexandria University, Egypt • Bachelor's in Medicine & Surgery (9/1/1996 till 09/01/2002)

LICENSURE

- ◆ Florida Medical License (5/5/2015 – Present)
- ◆ Missouri Medical License (7/1/2011- 6/30/2015)
- ◆ Florida Faculty Certificate (8/9/2010 – 8/10/2012)
- ◆ Ophthalmology Specialist in Egypt by the Egyptian Medical Syndicate (11/2007 - Present)
- ◆ Egyptian Medical license (9/2002 - Present)

AWARDS & HONORS

- ◆ **National Institute of Health K23 award (K23EY026118, 1/1/2016 to 12/31/2021)**
- ◆ **American Academy of Ophthalmology Achievement Award (2015)**
- ◆ **David and Nancy Schanzlin Resident Research Award** of 2015.
- ◆ **2nd Lead article of Ophthalmology Journal May 2014 issue:** Shousha MA, Perez VL, Canto AP, Vaddavalli PK, El Sayyad F, Cabot F, Feuer WJ, Wang J, Yoo SH. The Use of Bowman's Layer Vertical Topographic Thickness Map in the Diagnosis of Keratoconus. *Ophthalmology*, 2014 May;121(5):988-93.
- ◆ **ASCRS 2014 Best Paper of Session (BPOS) Award:** Session Cornea: surgical techniques and technology. The Annual Meeting of the American Society of Cataract and Refractive Surgery (ASCRS). Paper title: Descemet Rejection Index: Novel Index for the Diagnosis of Corneal Graft Rejection.
- ◆ **First Place Paper of ASCRS Resident and Fellow Program of 2014.**
- ◆ **David and Nancy Schanzlin Resident Research Award** of 2014.
- ◆ **Association of University Professors of Ophthalmology (AUPO)/Research to Prevent Blindness Achievement Award** (Miami, FL, January, 2014).
- ◆ **American Society of Cataract and Refractive Surgery Foundation 2014 Resident Excellence Award.**
- ◆ **Lead article of Ophthalmology Journal May 2013 issue:** Shousha MA, Karp CL, Canto AP, Hodson K, Oellers P, Kao AA, Bielory B, Matthews J, Dubovy SR, Perez VL, Wang J. Diagnosis of Ocular Surface Lesions Using Ultra-High-Resolution Optical Coherence Tomography. *Ophthalmology*, 2013 May;120(5):883-91.

AWARDS & HONORS (CONTINUED)

- ◆ **Heed Ophthalmic Foundation Travel Grant** to attend the 8th Annual Heed Ophthalmic Foundation Residents Retreat (Chicago, IL, October, 2013).
- ◆ **NIH-sponsored Travel Grant** to attend: UCLA/AUPO Introduction to Clinical Research course. (University of California, Los Angeles, CA, September 2013).
- ◆ **ASCRS 2013 Best Paper of Session (BPOS) Award:** Session CORNEA Imaging, Topography. The Annual Meeting of the American Society of Cataract and Refractive Surgery (ASCRS). Paper title: Sensitivity and Specificity of Corneal Bowman's and Epithelial Layers Topographic Thickness Indices in the Diagnosis of Keratoconus.
- ◆ **David and Nancy Schanzlin Resident Research Award** of 2013.
- ◆ **American Society of Cataract and Refractive Surgery (ASCRS) Foundation 2013 Resident Excellence Award.**
- ◆ **Cover article of Ophthalmology Journal March 2012 issue:** Kieval JZ, Karp CL, Abou Shousha M, Galor A, Hoffman RA, Dubovy SR, Wang J. Ultra-high resolution optical coherence tomography for differentiation of ocular surface squamous neoplasia and pterygia. *Ophthalmology* 2012 Mar;119(3):481-6.
- ◆ **ASCRS 2012 Best Paper of Session (BPOS) Award:** Session CORNEA Imaging, Topography, Keratoconus, Cross-linking. The Annual Meeting of the American Society of Cataract and Refractive Surgery (ASCRS). Paper Title: Diagnosis of Keratoconus Using Limbus-to-Limbus Vertical Topographic Thickness Map of Corneal Bowman and Epithelial Layers.
- ◆ **ASCRS 2011 Best Paper of Session (BPOS) Award:** Session Dry Eye. The Annual Meeting of the American Society of Cataract and Refractive Surgery (ASCRS). Paper Title: Epithelial Irregularity Factor: Technique to Manage Dry Eye and Detect Response to Treatment.
- ◆ **Saint Louis University School of Medicine 6th GME Annual Poster Competition Award** (April 2011). Poster Title: A Novel Non-Contact Technique to Diagnose Ocular Surface Lesions.
- ◆ **ASCRS 2010 Best Paper of Session (BPOS) Award:** Session CORNEA Imaging. The Annual Meeting of the American Society of Cataract and Refractive Surgery (ASCRS). Paper Title: Novel Technique to Evaluate Fuchs Endothelial Dystrophy: Ultra-High-Resolution Optical Coherence Tomography Versus Specular Microscopy.
- ◆ **Bascom Palmer Eye Institute Cornea Fellow of Allergan Horizon Grant** 2009.
- ◆ **ASCRS 2009 Best Paper of Session (BPOS) Award:** Session CORNEA Potpourri. The Annual Meeting of the American Society of Cataract and Refractive Surgery (ASCRS). Paper Title: In Vivo Visualization of Descemet Membrane Using Ultra-High Resolution Optical Coherence Tomography.
- ◆ **Alexandria University Researcher Award** (2013, 2012, 2011, 2010): 5 Awards for a total of 25,000 EGP. Alexandria University, Egypt.
- ◆ **Abdel- Mohsen Soliman Award for Top Ophthalmology Master's Degree Student:** Class 2007. Alexandria University, Egypt.
- ◆ **Excellent with Honor Bachelor's Degree in Medicine & Surgery (M.B., Ch.B.):** Class 2002. Faculty of Medicine, Alexandria University, Egypt.

PATENTS

- ◆ Non-Provisional Patent Application entitled "Indices for Management of Dry Eye Syndrome, Corneal Ectasia, Keratoplasty Graft Rejection and Failure and Fuchs' Dystrophy" Inventors: Mohamed Abou Shousha, Victor L. Perez, Sonia H. Yoo, Jianhua Wang and Rodrigo Hoffmann (2013).

PUBLICATIONS

- ◆ Shousha MA, Yoo SH, Edelstein S, Council M, Shah RS, Abernathy J, Schmitz Z, Stuart P, Bentivegna R, Yin X, Harocopos G, Wang J, Perez LP. In Vivo Characteristics of Corneal Endothelium/Descemet's membrane Complex for the Diagnosis of Corneal Graft Rejection. *American Journal of Ophthalmology*. In Press.
- ◆ Osman IM, Awad R, Shi W, Shousha MA. Suction Loss During Femtosecond laser-Assisted Small Incision Lenticule Extraction (Femto-SMILE): Incidence and Analysis of Risk Factors. Accepted with revision. *J Cataract Refract Surg*.

PUBLICATIONS (CONTINUED)

- ◆ Ghanavati SZ, Shousha MA, Betancurt C, Perez VL. Combined Conjunctival Autograft and Overlay Amniotic Membrane Transplantation; a Novel Surgical Treatment for Pterygium. *J Ophthalmic Vis Res.* 2014 Jul-Sep; 9(3): 399–403.
- ◆ Shousha MA, Perez VL, Canto AP, Vaddavalli PK, El Sayyad F, Cabot F, Feuer WJ, Wang J, Yoo SH. The Use of Bowman's Layer Vertical Topographic Thickness Map in the Diagnosis of Keratoconus. *Ophthalmology*, 2014 May;121(5):988-93.
- ◆ Shousha MA, Santos AR, Oechsler RA, Iovieno A, Maestre-Mesa J, Ruggeri M, Echegaray JJ, Dubovy SD, Perez VL, Miller D, Alfonso EC, Bajenaru L. A Novel Rat Contact Lens Model For *Fusarium* Keratitis. *Molecular vision.* 2013 Dec 27;19:2596-605.
- ◆ Shousha MA, Karp CL, Canto AP, Hodson K, Oellers P, Kao AA, Bielory B, Matthews J, Dubovy SR, Perez VL, Wang J. Diagnosis of Ocular Surface Lesions Using Ultra-High-Resolution Optical Coherence Tomography. *Ophthalmology*, 2013 May;120(5):883-91.
- ◆ Melson AT, Shousha MA. Hyperopic shift following endocapsular prosthetic iris implantation in traumatic subluxated cataract and aniridia. *J Cataract Refract Surg Case Reports (In press)*, 2013.
- ◆ Ziebarth NM, Dias J, Hürmeriç V, Shousha MA, Yau CB, Moy VT, Culbertson WW, Yoo SH. Quality of corneal lamellar cuts quantified using atomic force microscopy. *J Cataract Refract Surg.* 2013 Jan;39(1):110-7.
- ◆ Abou Shousha M. Evaluation of Femtosecond Laser Assisted Lamellar Corneal Surgery. PhD Thesis. Faculty of Medicine, University of Ain Shams; Cairo, Jan 2012.
- ◆ Kieval JZ, Karp CL, Abou Shousha M, Galor A, Hoffman RA, Dubovy SR, Wang J. Ultra-high resolution optical coherence tomography for differentiation of ocular surface squamous neoplasia and pterygia. *Ophthalmology* 2012 Mar;119(3):481-6.
- ◆ Muzaffar R, Sarajlic L, Abelmalik A, Shousha MA, Osman M. Pictorial essay: Ophthalmologic abnormalities in FDG PET/CT. *Cancer Imaging*, 2013 Mar 21;13:100-12.
- ◆ Shousha MA, Karp CL, Perez VL, Hoffmann R, Ventura R, Chang V, Dubovy SR, Wang J. Diagnosis and Management of Conjunctival and Corneal Intraepithelial Neoplasia Using Ultra High Resolution Optical Coherence Tomography. *Ophthalmology.* 2011 Aug;118(8):1531-7.
- ◆ Mutapcic L, Karp CL, Haft P, Shousha MA, Dubovy SR, Hurmeric V, Yoo SH, Wang J. Ultra-high resolution anterior segment optical coherence tomography in the evaluation of anterior corneal dystrophies and degenerations. *Ophthalmology.* 2011 Jul;118(7):1291-6.
- ◆ Shousha MA; Yoo SH, Kymionis GD, Ide T, Feuer W, Karp CL, O'Brien TP, Culbertson WW, Alfonso EC. Long Term Results of Femtosecond Laser-Assisted Sutureless Anterior Lamellar Keratoplasty. *Ophthalmology* 2011 Feb;118(2):315-23.
- ◆ Wang J, Abou Shousha M, Perez VL, Karp CL, Yoo SH, Shen M, Cui L, Hurmeric V, Du C, Zhu D, Chen Q, Li M. Ultra-high resolution optical coherence tomography for imaging the anterior segment of the eye. *Ophthalmic Surg Lasers Imaging.* 2011 Jul;42 Suppl:S15-27.
- ◆ Tao A, Wang J, Chen Q, Shen M, Lu F, Dubovy SR, Shousha MA. Topographical thickness of Bowman's layer determined by ultra-high resolution spectral domain optical coherence tomography. *Invest Ophthalmol Vis Sci.* 2011 Jun 1;52(6):3901-7.
- ◆ Shousha MA. May Consultation Section. *J Cataract Refract Surg.* 2010 May;36(6):866-867.
- ◆ Suh LH, Shousha MA, Ventura R, Kieval JZ, Perez VL, Wang J, Dubovy SR, Rosenfeld SI, Culbertson WW, Alfonso EC, Forster RK. Epithelial Ingrowth after Descemet's Stripping Automated Endothelial Keratoplasty: Description of Cases and Assessment with Anterior Segment Optical Coherence Tomography. *Cornea.* 2011 May;30(5):528-34. Shousha MA and Yoo SH, MD. New Therapeutic Modalities in Femtosecond Laser Assisted Corneal Surgery. *Int Ophthalmol Clin.* 2010;50(3):149-60.
- ◆ Shousha MA, Perez VL, Wang J, Ide T, Jiao S, Chen Q, Chang V, Buchser N, Dubovy SR, Feuer W, Yoo SH. Use of Ultra High Resolution Optical Coherence Tomography to Detect In Vivo Characteristics of Descemet's Membrane in Fuchs' Dystrophy. *Ophthalmology.* 2010 Jun;117(6):1220-7.
- ◆ Yuan Y, Wang J; Chen Q, Tao A, Shen M, Shousha MA. Reduced Tear Meniscus Dynamics in Dry Eye Patients with Aqueous Tear Deficiency. *Am J Ophthalmol*, 2010 Jun;149(6):932-938.e1.
- ◆ Shousha MA, Yoo SH, MD. Cataract Post Pars Plana Vitrectomy. *Curr Opin Ophthalmol.* 2010 Jan;21(1):45-9.
- ◆ Shousha MA. September Consultation Section. *J Cataract Refract Surg.* 2009 Sep;35(9):1648.

PUBLICATIONS (CONTINUED)

- ◆ Wang J, Jiao S, Ruggeri M, Shousha MA, Chen Q. In situ visualization of tears on contact lens using ultra high resolution optical coherence tomography. *Eye Contact Lens*. 2009 Mar;35(2):44-9.
- ◆ Shousha MA. Topography-guided customized ablation in primary ametropia with asymmetrical corneal topography: Master's Degree Thesis. Faculty of Medicine, University of Alexandria; July 2007.

BOOK CHAPTERS

- ◆ Abou Shousha M, Yoo SH: Corneal Applications of Ultra-Short Pulse Laser. In: Copeland and Afshari's Principles and Practice of Cornea. New Delhi, India, Jaypee Brothers Medical Publishers, Chapter 107, 2013.
- ◆ Abou Shousha M, Yoo SH: Corneal Applications of Ultra-Short Pulse Laser. In: Copeland and Afshari's Principles and Practice of Cornea. New Delhi, India, Jaypee Brothers Medical Publishers, Chapter 107, 2013.
- ◆ Abou Shousha M, Fishler J, Perez VL: Use of Amniotic Membrane for Conjunctival Reconstruction. In: Pterygium: Techniques and Technologies for Surgical Success. Thorofare, N.J., Slack Inc., Chapter 7, 2011.
- ◆ Abou Shousha M, Council MD. Ophthalmology for the Internist. In: Internal Medicine In-Review. New York, N.Y., SanovaWorks, 2013. (In Press).
- ◆ Yoo SH, Abou Shousha M: Dellen with Bleb. In: Curbside Consultation in Cornea and External Disease: 49 Clinical Questions. Thorofare, N.J., Slack Inc. 23-26, 2010.
- ◆ Yoo SH, Abou Shousha M: LASIK enhancement. In: Curbside Consultation in Refractive surgery: 49 Clinical Questions. Thorofare, N.J., Slack Inc. 2010.

PRESENTATIONS

- ◆ Abou Shousha M, Abernathy J, Edelstein SL, Council M, Schmitz ZP, Shah RS, Bentivegna R, Wang J, Yoo SH, Perez VL. Endothelial/Descemet's Membrane Complex (En/DM) Optical Tomography for the Diagnosis of Corneal Endothelial Cell Dysfunction. The Annual Meeting of the American Society of Cataract and Refractive Surgery (ASCRS). (San Diego, CA, April 2015)
- ◆ Abou Shousha M, Shah RS, Stuart P, Council M, Edelstein S, Bentivegna R, Yin X, Harocopos G, Yoo SH, Perez VL. Diagnostic performance of Descemet's membrane thickness (DMT) vs. central corneal thickness (CCT) in active cornea graft rejection. The Annual Meeting of the American Academy of Ophthalmology (AAO). (Chicago, IL, October 2014).
- ◆ Abou Shousha M, Schmitz Z, Edelstein S, Council M, Abernathy J, Shah RS, Bentivegna R, Yoo SH, Perez VL. Endothelial/Descemet's membrane rejection index (EnRI) to evaluate Survival and Response to Treatment in Corneal Graft Rejection. 2014 Fall Educational Symposium of the Cornea society and EBAA. (Chicago, IL, October 2014)
- ◆ Abou Shousha M, Council M, Edelstein S, Melson A, Yoo SH, Perez VL. Descemet Rejection Index: Novel Index for the Diagnosis of Corneal Graft Rejection. The Annual Meeting of the American Society of Cataract and Refractive Surgery (ASCRS). (Boston, MA, April 2014)
- ◆ Abou Shousha M, Council M, Edelstein S, Melson A, Yoo SH, Perez VL. In vivo Descemet's membrane Thickness: a Novel Criteria for the Diagnosis of Corneal Graft Rejection. The Association of University Professors of Ophthalmology (AUPO)/Research to Prevent Blindness Resident and Fellow Research Forum. (Miami, FL, January 2014).
- ◆ Abou Shousha M, Perez VL, Canto AP, El Sayyad F, Cabot F, Murillo JC, Feuer WJ, Wang J, Yoo SH. Bowman's Ectasia Index (BEI): A novel index for the diagnosis of Keratoconus. Refractive Surgery Subspecialty Day of the Annual Meeting of the American Academy of Ophthalmology (AAO). (New Orleans, LA, November 2013).
- ◆ Abou Shousha M, Perez VL, Canto AP, Vaddavalli PK, El Sayyad F, Feuer W, Wang J, Yoo SH. Sensitivity and Specificity of Corneal Bowman's and Epithelial Layers Topographic Thickness Indices in the Diagnosis of Keratoconus. The Annual Meeting of the American Society of Cataract and Refractive Surgery (ASCRS). (San Francisco, CA, April 2013).
- ◆ Abou Shousha M, Perez VL, Mourad MS, Ibrahim O, Hassouna AK, El-Sayed H, Alfonso EC, Yoo SH. Sutureless Femtosecond Laser-Assisted Anterior Lamellar Keratoplasty vs. Deep Anterior Lamellar Keratoplasty. Annual Meeting of the American Academy of Ophthalmology (AAO). (Chicago, IL, November 2012).

PRESENTATIONS (CONTINUED)

- ◆ Abou Shousha M, Canto AP, Vaddavalli PK, Alageel S, Wang J, Yoo SH. Diagnosis of Keratoconus Using Limbus-to-Limbus Vertical Topographic Thickness Map of Corneal Bowman and Epithelial Layers. The Annual Meeting of the American Society of Cataract and Refractive Surgery (ASCRS). (Chicago, IL, April 2012).
- ◆ Abou Shousha M, Wang J, Hoffmann R, Canto AP, Galor A, Feuer WJ, Perez VL. Epithelial Irregularity Factor: Technique to Manage Dry Eye and Detect Response to Treatment. The Annual Meeting of the American Society of Cataract and Refractive Surgery (ASCRS). (San Diego, CA, March 2011).
- ◆ Abou Shousha M, Yoo SH, Wang J, Perez VL. Novel Technique to Evaluate Fuchs Endothelial Dystrophy: Ultra-High-Resolution Optical Coherence Tomography Versus Specular Microscopy. The Annual Meeting of the American Society of Cataract and Refractive Surgery (ASCRS). (Boston, MA, April 2010).
- ◆ Abou Shousha M, Yoo SH, Karp CL, O'Brien TP, Culbertson WW, Alfonso EC. Femtosecond Laser-Assisted Sutureless Anterior Lamellar Keratoplasty (FALK). Refractive Surgery Subspecialty Day of the Annual Meeting of the American Academy of Ophthalmology (AAO). (Chicago, IL, October 2010).
- ◆ Perez VL, Abou Shousha M, Wang J. Epithelial Irregularity Factor "E I F" A Novel Qualitative and Quantitative Criterion to Diagnose Dry Eye. Tear Film and Ocular Surface Society meeting. (Florence, Italy, September 2010)
- ◆ Abou Shousha M, Yoo SH, Wang J, Perez VL. Novel Technique to Evaluate Fuchs Endothelial Dystrophy: Ultra-High-Resolution Optical Coherence Tomography versus Specular Microscopy. The Annual Meeting of the American Society of Cataract and Refractive Surgery (ASCRS). (Boston, MA, April 2010).
- ◆ Abou Shousha M, Ibrahim O. Discrepancy Between Scheimpflug and Placido-Based Topographies and Correlation with Astigmatism After Scheimpflug Topography-Guided LASIK. Poster at the Annual Meeting of the American Society of Cataract and Refractive Surgery (ASCRS). (Boston, MA, April 2010).
- ◆ Yoo SH, Abou Shousha M. Femtosecond Laser Keratoplasty: State of the Art and Comparison to Standard Keratoplasty. Instruction Course. The Annual Meeting of the American Academy of Ophthalmology (AAO). (San Francisco, CA, October 2009).
- ◆ Yoo SH, Abou Shousha M. Keratoplasty: A New Era in Corneal Transplantation. PAAO Symposium. The Annual Meeting of the American Academy of Ophthalmology (AAO). (San Francisco, CA, October 2009).
- ◆ Abou Shousha M, Wang J, Karp CL, Hoffmann R, Jiao S, Yoo SH, Perez VL. Corneal Endothelial Pathologies Visualized Using Ultra-High Resolution Optical Coherence Tomography. Poster at The Association for Research in Vision and Ophthalmology 2009 Annual Meeting. (Fort Lauderdale, FL, May 2009).
- ◆ Yuan Y, Wang J, Chen Q, Tao A, Jiao S, Abou Shousha M. Effect of Blinking on Tear Menisci in Aqueous Tear Deficiency Dry Eye Patients. The Association for Research in Vision and Ophthalmology 2009 Annual Meeting. (Fort Lauderdale, FL, May 2009).
- ◆ Abou Shousha M, Wang J, Ide T, Chang V, Abbey AM, Perez VL, Yoo SH. In Vivo Visualization of Descemet Membrane Using Ultra-High Resolution Optical Coherence Tomography. The Annual Meeting of the American Society of Cataract and Refractive Surgery (ASCRS). (San Francisco, CA, April 2009).
- ◆ Vedula A, Ide T, Abou Shousha M, Yoo SH. Femtosecond Laser Second Pass for Incomplete LASIK Flaps Due to Suction Loss and Analysis of Flap Morphology. The Annual Meeting of the American Society of Cataract and Refractive Surgery (ASCRS). (San Francisco, CA, April 2009).
- ◆ Abou Shousha M, Ibrahim O. Scheimpflug image guided customized ablation (Oculink) vs. Standard WFO ablation in primary cases with asymmetrical corneal topography. Annual Meeting of American Society of Cataract and Refractive Surgery (ASCRS). (Chicago, IL, April 2008).
- ◆ Abou Shousha A, Abou Shousha M, Abou Shousha M. Triple procedure in the management of endophthalmitis after cataract extraction: 8-Year Experience. The Annual Meeting of the American Society of Cataract and Refractive Surgery (ASCRS). (Chicago, IL, April 2008).
- ◆ Abou Shousha M, Ibrahim O. Scheimpflug imaging guided customized ablation (Oculink) in primary ametropia with asymmetrical corneal topography. The Winter Meeting of European Society of Cataract and Refractive Surgery (ESCRS). (Barcelona, Spain, Feb 2008).
- ◆ Abou Shousha M, Ibrahim O. Topography-guided customized ablation (T-CAT) in primary ametropia with asymmetrical corneal. The Winter Meeting of European Society of Cataract and Refractive Surgery (ESCRS). (Barcelona, Spain, Feb 2008).

EDUCATIONAL SURGICAL VIDEOS

- ◆ Abou Shousha M. Pediatric Traumatic Subluxated Cataract. The Film Festival of the Annual Meeting of the American Society of Cataract and Refractive Surgery (ASCRS). (Boston, MA, April 2010).
- ◆ Abou Shousha M. Management of traumatic subluxated cataract and aniridia with a pair of interlacing Morcher Aniridia ring Type 50C. The Film Festival of the Annual Meeting of the American Society of Cataract and Refractive Surgery (ASCRS). (Chicago, IL, April 2008).
- ◆ Abou Shousha M. Management of a Case of Pediatric Traumatic Subluxated Cataract. Film Presentation at the Annual Meeting of the Egyptian Society of Cataract and Refractive Surgery. (Alexandria, Egypt, May 2007).
- ◆ Abou Shousha M. Different Modalities in the Management of Subluxated Cataract. Film Presentation at the Annual Winter Meeting of the Egyptian Society of Ophthalmology (EOS). (Alexandria, Egypt, March 2007).
- ◆ Abou Shousha M. Converting to Bimanual MICS. Film Presentation at The Annual Meeting of the Egyptian Society of Ophthalmology (EOS). (Alexandria, Egypt, September 2006).
- ◆ Abou Shousha M. Management of a Case of Intra-operative Zonular Dehiscence. Film Presentation at The Annual Meeting of The Delta Ophthalmological Society of Egypt "DOSE". (Alexandria, Egypt, September 2006).

SCIENTIFIC POSTERS

- ◆ Abou Shousha M, Schmitz Z, Abernathy J, Chod R, Bodnar Z, Bentivegna R, Edelstein SL, Akduman L. Pars Plana Vitrectomy and Silicone Oil insertion Protect Against Endophthalmitis in Patients with Boston Type 1 Keratoprosthesis. Poster presented at Association for Research in Vision and Ophthalmology Annual Meeting (Denver, CO, May 2015).
- ◆ Abou Shousha M, Council M, Edelstein S, Melson A, Perez VL, Yoo SH. Descemet's Membrane Thickness (DMT): A Novel Sign for the Diagnosis of Corneal Graft Rejection. Poster presented at Association for Research in Vision and Ophthalmology Annual Meeting Poster (Orlando, FL, May 2014).
- ◆ Abou Shousha M and Abou Shousha F. Outcomes of Post-Cataract Surgery Endophthalmitis in Egypt: Twelve-Year Experience and 143 Patients. Poster at the Annual Meeting of the American Academy of Ophthalmology (AAO). (New Orleans, LA, November 2013).
- ◆ Bajenaru LM, Santos AC, Falter MJ, Ruggeri M, Ponmattam J, Hernandez EP, Abou Shousha MA, Perez VL, Miller D, Alfonso EC. Preclinical evaluation of new therapies in a fungal keratitis rat model. Poster at the Association for Research in Vision and Ophthalmology 2013 Annual Meeting. (Seattle, WA, May 2013).
- ◆ Betancurt C, Perez LV, Abou Shousha M, Wang J, Gonzalez E, Bielory B, Mas AM, Griffin J, Senchyna M. Epithelial Irregularity Index (EIF) as an Objective Measure of Dry Eye: A Pilot Study. Poster at the Association for Research in Vision and Ophthalmology 2012 Annual Meeting. (Fort Lauderdale, FL, May 2012).
- ◆ Abou Shousha M, Karp CL, Hodson K, Canto AP, Kao, AA, Bielory B, Dubovy SR, Wang J. Use of Ultra-High Resolution Optical Coherence Tomography (UHR-OCT) for Diagnosis of Ocular Surface Lesions. Poster at the Annual Meeting of the American Academy of Ophthalmology (AAO). (Orlando, FL, October 2011).
- ◆ Abou Shousha M, Karp CL. A Novel Non-Contact Technique to Diagnose Ocular Surface Lesions. Saint Louis University School of Medicine 6th Annual GME Poster Competition Award (April 2011).
- ◆ Canto AP, Tan Y, Abou Shousha M, Betancurt C, Echegaray-Mendez J, Perez VL. The Effect of Low-dose Rapamycin on Prolonging High-Risk Corneal Allograft Survival in a Mouse Model. Poster at the Association for Research in Vision and Ophthalmology 2012 Annual Meeting. (Fort Lauderdale, FL, May 2011).
- ◆ Abou Shousha M, Yoo SH, Wang J, Canto AP, Gonzalez E, Culbertson WW, Perez VL. Descemet's Membrane Structural Characteristics as an indicator of Penetrating Keratoplasty and Descemet's Stripping Endothelial Keratoplasty Grafts Survival. Poster at the Association for Research in Vision and Ophthalmology 2012 Annual Meeting. (Fort Lauderdale, FL, May 2011).
- ◆ Karp CL, Kieval J, Abou Shousha M, Hoffman R, Galor A, Dubovy SR, Wang J. Ultra-High Resolution Optical Coherence Tomography for Differentiation of Ocular Surface Squamous Neoplasia and Pterygia. Poster at the Association for Research in Vision and Ophthalmology 2012 Annual Meeting. (Fort Lauderdale, FL, May 2011).
- ◆ Bajenaru ML, Santos AR, Abou Shousha M, Oechsler RA, Maestre J, Hernandez E, Fini ME, Miller D, Alfonso EC. A Rat Model for Contact Lens Associated Fusarium Keratitis. Poster at the Association for Research in Vision and Ophthalmology 2012 Annual Meeting. (Fort Lauderdale, FL, May 2011).
- ◆ Gonzalez E, Abou Shousha M, Wang J, Feuer W, Perez VL. Quantitative Analysis of Meibomian Gland Dysfunction Using High Resolution Anterior Segment Optical Coherence Tomography. Poster at the Association for Research in Vision and Ophthalmology 2012 Annual Meeting. (Fort Lauderdale, FL, May 2011).

SCIENTIFIC POSTERS (CONTINUED)

- ◆ Abou Shousha M, Wang J, Perez VL. In Vivo Imaging of Tear Film and Ocular Surface In Meibomian Gland Dysfunction Using Ultra High Resolution Anterior Segment Optical Coherence Tomography (UHR-OCT). Poster at: Tear Film and Ocular Surface Society meeting. (Florence, Italy, September 2010).
- ◆ Abou Shousha M, Yoo SH, Karp CL, O'Brien TP, Culbertson WW, Alfonso EC. Long Term Results of Femtosecond Laser-Assisted Sutureless Anterior Lamellar Keratoplasty (FALK). Poster at the World Cornea Congress VI (Boston, MA, April 2010).
- ◆ Abou Shousha M, Karp CL, Perez VL, Hoffmann R, Ventura R, Chang V, Dubovy SR, Wang J. Diagnosis and Follow-up of Conjunctival and Corneal Intraepithelial Neoplasia Using Ultra-High-Resolution Optical Coherence Tomography. Poster at the World Cornea Congress VI (Boston, MA, April 2010).
- ◆ Humeric V, Yoo SH, Abou Shousha M, Culbertson WW, Ziebarth N, Parel JM. Quality of lamellar dissections prepared with the 500 kHz Femtosecond Laser System. Poster at the World Cornea Congress VI (Boston, MA, April 2010).
- ◆ Kieval JZ, Hoffman R, Dubovy SR, Abou Shousha M, Wang J, Karp CL. Ultra-High-Resolution Optical Coherence Tomography to Diagnose Conjunctival/Corneal Intraepithelial Neoplasia and Pterygia. Poster at the World Cornea Congress VI (Boston, MA, April 2010).
- ◆ Karp CL, Mutapcic L, Haft P, Dubovy SR, Abou Shousha M, Wang J. Ultra High Resolution Anterior Segment OCT Imaging of Anterior Corneal Dystrophies and Degenerations. Poster at the Association for Research in Vision and Ophthalmology 2010 Annual Meeting. (Fort Lauderdale, FL, May 2010).
- ◆ Wang J, Chen Q, Tao A, Yuan Y, Jiao S, Abou Shousha M. Characterization of Tear Dynamics on Soft Contact Lenses. Poster at the Association for Research in Vision and Ophthalmology 2009 Annual Meeting. (Fort Lauderdale, FL, May 2009).
- ◆ Hoffmann R, Abou Shousha M, Karp CL, Awdeh R, Kieval JZ, Dubovy SR, Perez VL, Chang V, Yoo SH, Wang J. Optical Biopsy of Corneal-Conjunctival Intraepithelial Neoplasia Using Ultra-High Resolution Optical Coherence Tomography. Poster at the Association for Research in Vision and Ophthalmology 2009 Annual Meeting. (Fort Lauderdale, FL, May 2009).
- ◆ Bajenaru LM, Santos AC, Falter MJ, Ruggeri M, Vedula A, Ide T, Abou Shousha MA, Yoo SH. Femtosecond Laser Second Pass for Incomplete LASIK Flaps Due to Suction Loss and Analysis of Flap Morphology. Poster at the Annual Meeting of the American Society of Cataract and Refractive Surgery (ASCRS). (San Francisco, CA, April 2009).

INVITED LECTURES AND PRESENTATIONS

- ◆ Shousha MA. Bowman's Layer Optical Tomography: A Novel Technique for the Diagnosis of Keratoconus. Advanced Refractive Congress (ARC). Miami, FL, July 2016.
- ◆ Shousha MA. Approach to Common Pediatric and Adolescent Corneal/Ocular Surface Disorders. Interactive Consultations in Cornea and Refractive Surgery 2016. Miami, FL, March 2016.
- ◆ Shousha MA. Using Corneal Imaging to Improve Surgical Outcomes. Interactive Consultations in Cornea and Refractive Surgery 2016. Miami, FL, March 2016.
- ◆ Shousha MA. OCT for the Diagnosis and Management of Anterior Segment Pathology. Ophthalmic Imaging 2016. Palm Beach, FL, Dec 2016.
- ◆ Shousha MA. How to Apply for Medical Competitive Specialties in the U.S. United States Embassy, Cairo, Egypt. May 25 2015.
- ◆ Shousha MA. Panelist for session: 3-B CORNEA Surgical Technique and Technology. The Annual Meeting of the American Society of Cataract and Refractive Surgery (ASCRS). (San Diego, CA, April 2015).
- ◆ Shousha MA. Panelist for session: Endothelial Cell Count, Corneal Anatomy. The Annual Meeting of the American Society of Cataract and Refractive Surgery (ASCRS). (Boston, MA, April 2014).
- ◆ Shousha MA. Diagnosis of Ocular Surface Lesions using Ultra High Resolution Optical Coherence Tomography. Dimitri Azar's Fellows Meeting. Chicago, IL, USA, April 2011.
- ◆ Shousha MA. Why I like Pentacam. XXXII Inter-American Course in Clinical Ophthalmology. Miami, FL, Oct 2010.
- ◆ Shousha MA. Long Term Results of Femtosecond Laser-Assisted Sutureless Anterior Lamellar Keratoplasty. Dimitri Azar's Fellows Meeting. Boston, MA, USA, April 2010.
- ◆ Shousha MA. Diagnosis of Fuchs' Dystrophy using Ultra High Resolution Optical Coherence Tomography. Dimitri Azar's Fellows Meeting, San Francisco, CA. USA, April 2009.

- ◆ Shousha MA, Rodrigo Hoffman, MD, Sander R Dubovy, MD, Victor L. Perez, M.D. Filamentary Uveitis. Annual meeting of Sociedad Panamericana de Enfermedades Inflammatorias Oculares. Atlanta, GA, USA, Nov 2008.

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EDITORIAL RESPONSIBILITIES (REVIEWER)

- ◆ Ophthalmology (2010 - Present)
- ◆ Archives of Ophthalmology (2010 - Present)
- ◆ Investigative Ophthalmology & Visual Science (2012 - Present)
- ◆ American Journal of Ophthalmology (2010 - Present)
- ◆ Journal of Cataract and Refractive Surgery (2013 - Present)
- ◆ Eye & Contact Lens (2013 - Present)

OPHTHALMIC SOCIETIES & ASSOCIATIONS

- ◆ The Association for Research in Vision and Ophthalmology (ARVO)
- ◆ American Academy of Ophthalmology (AAO)
- ◆ American Society of Cataract and Refractive Surgery (ASCRS)
- ◆ American Medical Association (AMA)
- ◆ Cornea Society
- ◆ International Society of Refractive Surgery (ISRS)
- ◆ Egyptian Ophthalmological Society (EOS)
- ◆ Egyptian Society of Ocular Implants & Refractive Surgery (ESOIRS)
- ◆ Delta Ophthalmic Society of Egypt (DOS)