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Assistant Professor and Consultant

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Educational background

- **2008**: PhD in Optometry and Vision Sciences, Cardiff University, Cardiff, UK. Thesis title: Study of corneal ultrastructure in normal and post-LASIK human eyes.
- **2002**: M.Optom in Optometry and Vision Sciences, University of New South Wales, Sydney, Australia. Title of the research project: The feasibility of using Piggyback contact lens system for Keratoconus patients.
- **1995**: BSc. in Optometry, King Saud University, Riyadh, Saudi Arabia.

- Fellowship of the British Contact Lens Association (FBCLA), UK, **2013**.
- Certificate of Advanced contact lens studies, Aston University, UK, **2013**.

Work experience:

- **2009 – 2011**: Head of Optometry Department, College of Applied Medical Sciences, King Saud University, Riyadh, Saudi Arabia.
- **2008 – Present**: Assistant Professor at the Department of Optometry, King Saud University, Riyadh, Saudi Arabia.
- **2003 – 2008**: Lecturer at the Department of Optometry, King Saud University, Riyadh, Saudi Arabia.
- **1996 – 2002**: Optometrist at King Khalid University Hospital, Riyadh, Saudi Arabia.
- **1995 – 1996**: One year of Optometry internship at different hospitals in Riyadh, Saudi Arabia.

Languages

- Arabic (native).
- English.

Other Major Activities*

- Head of curiculm development committe at Optometry department, King Saud University.
- Member of optical devices standardizations at Saudi FDA.

- 2008-2011: Part-time consultant at the department of Medical Programs, Ministry of higher education.
- Member of different academic committees at King Saud University.
- Member of the British Contact Lens Association (BCLA).
- Member of the international association of contact lens educators (IACLE, Australia)
- Member of the Saudi ophthalmology society.
- Member of the Saudi Optometry Association.
- Attending and participating in many conferences and workshops in the filed of Ophthalmology and Optometry locally and internationally.
- Attending of different workshops for academic staff skill development.
- Award of distinction in PhD study from the Saudi cultural bureau, London, UK.
- Director of the Saudi School in Cardiff, UK. 2005-2006

* Copy of attendance certificate can be sent upon request.

Publications:

1- Hayes S, **Abahussin M**, Boote C, Kamma-Lorger T, Sorenson T and Meek KM. Anatomical implications of trephination and graft/host tissue misalignment in corneal transplant surgery. American Journal of Transplantation. In progress.

2- **Abahussin** M, AlAnazi M, Ogbuehi KC, Osuagwu UL.(2014). Prevalence, use and sale of contact lenses in Saudi Arabia: survey on university women and non-ophthalmic stores. Cont Lens Anterior Eye. 2014 Jun;37(3):185-90.

3- Abahussin M, Hayes S, Edelhauser H, Dawson DG, Meek KM (2013). A microscopy study of the structural features of post-LASIK human corneas. PLoS One. May 1;8(5):e63268.

4- **Abahussin** M, Hayes S, Knox Cartwright NE, Kamma-Lorger CS, Khan Y, Marshall J, Meek KM. (2009) 3D collagen orientation study of the human cornea using X-ray diffraction and femtosecond laser technology. Invest Ophthalmol Vis Sci. 50(11):5159-64.

5- Hayes S, Boote C, Lewis J, Sheppard J, **Abahussin M**, Quantock AJ, Purslow C, Votruba M and Meek KM (2007) Comparative study of fibrillar collagen arrangement in the corneas of primates and other mammals. *Anat Rec (Hoboken)* 290(12): 1542-1550.

6- Boote C, Hayes S, **Abahussin M** and Meek KM (2006) Mapping collagen organization in the human cornea: left and right eyes are structurally distinct. *Invest Ophthalmol Vis Sci* 47(3): 901-908.

7- **Abahussin M**, Velarde J, Meek KM, and Cotero J. Ectasia after LASIK; Case Report. EVER 2006. Vilamoura, Portugal. Poster and Talk.

8- **Abahussin M**. Collagen fibril orientation in the cornea. Speaking of Science, Cardiff Universiy, April 2005. Talk.

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