



Mohamed Attia Ali Ahmed; MD

Personal and contact details:

Full name: Mohamed Attia Ali Ahmed

Position: Consultant & Lecturer; Ophthalmology Department, Minia University, Egypt

Birth date: 18 August 1980

Nationality: Egyptian

Fields of Career: Medical Teaching, Research, Health Care Provider

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Google Scholar: <https://scholar.google.com/eg/citations?user=zx4UdOYAAAAJ&hl=en>

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Academic certificates:

Medical doctorate (MD) degree, Ophthalmology: Minia University, Faculty of Medicine, Egypt; February 2015

Master (MSc) degree, Ophthalmology: Minia University, Faculty of Medicine, Egypt; 2008

Bachelor (M.B.B.CH) degree, Medicine and surgery: Minia University, Faculty of

Medicine, Egypt; 2003

**International Council of Ophthalmology (ICO), first part (Basic sciences,
Theoretical optics and refraction), 2013**

**** English language proficiency certificates:**

- Occupational English Test (OET): (Grade-B).
- TOEFL (IBT): Score-95.

Education

2009 – 2015 MD degree, Minia University, Egypt

2013 International Council of Ophthalmology (ICO) exam (Part I)

2005 – 2008 MSc degree, Minia University, Egypt

1997 – 2003 M.B.B.CH, Minia University, Egypt

Academic Appointments & training:

Currently: Senior specialist, Ophthalmology department, MOH, Sultanate of Oman

2015 till present: Lecturer & Consultant of Ophthalmology, Faculty of Medicine, Minia
University, Egypt

2018 - 2019: Postdoctoral research fellow, Casey Eye Institute (COOL), Oregon Health
and Science University, Portland, Oregon, USA

2012 – 2014: Cataract, Cornea and Refractive Surgery Clinical research student,
Graduate School of Applied Health Science, Kitasato University,
Japan

2009 – 2015: Assistant lecturer, Department of Ophthalmology, Faculty of Medicine,
Minia University, Egypt

2005 – 2009: Resident, Department of Ophthalmology, Minia University Hospitals,
Egypt

2004 – 2005: Internship, Minia University Hospitals, Minia, Egypt

Academic Honors

2003: Rank 1 with honor granted by Faculty of Medicine, Minia University, Egypt.

Academic Positions:

- 2009 - 2019: Faculty member; teaching Ophthalmology undergraduate curriculum, medical training about approaching and examining patients to 4th year medical students, Faculty of medicine, Minia University.
- Postgraduate teaching and assessment programs.
- Training of residents in academic and clinical settings regarding patients' examination, clinical evaluation, operating & interpreting different ocular diagnostics, operative preparation and post-operative follow-up.
- Supervising & conducting research studies after IRB approval.
- Member of the local ethical research committee in Ophthalmology Department, Minia University; designating the local research plan and evaluating the submitted scientific research proposals from research candidates and fellows in order to be modified to fit the institute and community requirements & benefits.
- Member of the local undergraduate teaching committee in School of Medicine; preparing Ophthalmology course teaching instructions, teaching hours and material, students' assessment and evaluation protocols.

Bibliography (Articles published in peer-reviewed journals):

1. OCTA Quantitative Macular Microvascular Changes in Series of Uveitic Patients.
Mohamed Attia Ali Ahmed, Ahmed Shawkat Abdelhalim. J Ophthal Opto. 3: 012.
Henry Publishing Groups. ISSN: HJOO.
2. Corrected Intraocular Pressure Variability with Central Corneal Thickness
Measurement. **Mohamed Attia Ali Ahmed**, Ahmed Shawkat Abdelhalim. Clin
Ophthalmol. 2020; 24(14);4501-4506.
3. Differential time-course tear film quantitative changes following limbal relaxing
incisions. **Mohamed Attia Ali Ahmed**, Ahmed Shawkat Abdelhalim. BMC
Ophthalmol. 2020;20(1):175.
4. Foveal Evaluation in Diabetic Patients with Macular Edema Using Optical
Coherence Tomography Angiography. Manal I. Gadallah, Hossam M. Moharram,
Khaled M. Mourad, **Mohamed Attia Ali Ahmed**. Delta Journal of Ophthalmology
2020; 21: 43-48, DOI: 10.4103/DJO.DJO_50_19.
5. Intraocular Lens Power Calculation Predictability Following Acute Primary Angle-
Closure Glaucoma. **Mohamed Attia Ali Ahmed** and Ahmed Shawkat Mohamed.
EC Ophthalmology 2019; 10 (5); 421-26
6. Review in type-1 diabetes mellitus. Sondos M. Salaheldeen, **Mohamed Attia Ali
Ahmed**, Hossam M. Moharram, Wagiha Masoud. Minia Journal of Medical
Research; Issue 2019; Volume 30, No.2.
7. Macular vessels density in diabetic retinopathy: Quantitative assessment using
optical coherence tomography angiography. Heba AttaAllah, Asmaa Anwar
Mohamed, **Ali M.** Int Ophthalmol. 2019; 39(8):1845-1859. doi: 10.1007/s10792-
018-1013-0. Epub 2018 Sep 7.

8. Ocular surface changes after simultaneous cataract surgery and limbal relaxing incisions **Mohamed A. Ali**, Ahmed Shawkat Abdelhalim. Journal of the Egyptian Ophthalmological Society 2017; 110:28–30, *the paper was awarded the prize of Prof. Dr. Salwa Eid by the Egyptian Ophthalmological Society 2017.*
9. Comparison of Astigmatic Correction after Femtosecond Lenticule Extraction and Small-Incision Lenticule extraction for Myopic Astigmatism. Kobashi H, Kamiya K, **Ali MA**, Igarashi A, Elewa ME, Shimizu K. PLoS One.2015 Apr 7; 10(4):e0123408. doi: 10.1371.
10. Comparison of Astigmatic Correction after Femtosecond Lenticule Extraction and wavefront-guided LASIK for Myopic Astigmatism. **Ali MA**, Kobashi H, Kamiya K, Igarashi A, Miyake T, Elewa ME, Komatsu M, Shimizu K. J Refract.Surg.2014 Dec;30(12):806-11.
11. Clinical evaluation of corneal biomechanics after posterior chamber phakic intraocular lens implantation. **Ali M**, Kamiya K, Shimizu K, Igarashi A, Ishii R. Cornea.2014 May; 33(5):470-4.

Abstracts and presentations:

1. **Mohamed Attia Ali Ahmed.** Chorio-retinal microvascular changes in patients with uveitis quantified by optical coherence tomography angiography. Free paper oral presentation, EURETINA 2020, 2-4 October 2020.
2. **Mohamed Attia Ali Ahmed**, Hossam Moharram, Wagiha Massoud. Early quantitative angiographic changes in juvenile diabetes mellitus using optical coherence tomography angiography. Free paper oral presentation, EURETINA 2020, 2-4 October 2020.
3. **Mohamed Attia Ali Ahmed.** Predictability of intraocular lens power calculation after acute angle-closure glaucoma attack. Free paper oral presentation, 22nd ESCRS Winter Meeting-2018.

4. Azza Shehab, **Mohamed Attia**, Teres Kamal. Pigmented Paravenous Retinochoroidal Atrophy (PPRCA): Rare Case, Study with multimodal imaging. Clinical Case oral Presentation in ISCEV, 2018.
5. Heba AttaAllah, Asmaa Anwar Mohamed, **Ali M.** Macular vessels density in diabetic retinopathy: Quantitative assessment using optical coherence tomography angiography. Free paper oral presentation, 17th Euretina Congress-2017.
6. **Ali M**, Kamiya K, Shimizu K, Igarashi A, Elewa ME. Alpins' analysis of astigmatism correction comparing FLE_x versus SMILE. Free paper oral presentation, 29th meeting of Japanese society of cornea and refractive surgery JSCRS, July-2014.
7. **Ali M**, Kamiya K, Shimizu K, Igarashi A, Elewa ME. Clinical evaluation of ocular surface changes after phacoemulsification with IOL and simultaneous limbal relaxing incisions. Free paper oral presentation in the XXXIV World Ophthalmology Congress of the International Council of Ophthalmology; WOC April- 2014.
8. **Ali M**, Kamiya K, Shimizu K, Igarashi A. Predictability of IOL power calculation after simultaneous phacoemulsification and pterygium. Free paper oral presentation in 67th annual meeting of Japan Clinical Ophthalmology, October-2013.
9. **Ali M**, Kamiya K, Shimizu K, Igarashi A, Ishii R. Evaluation of corneal biomechanics after posterior chamber phakic intraocular lens implantation. Poster presentation in the 117th Annual meeting of the Japan Ophthalmological Society (JOS), April- 2013.

Thesis

MD Thesis, 2015: Astigmatism correction using femtosecond refractive lenticule extraction versus wavefront-guided LASIK.

Master Thesis, 2007: Role of optical coherence tomography in evaluation of diabetic macular edema.

Academic Societies Membership

- ☐ Egyptian Ophthalmological Society (EOS)
- ☐ European Society of Retina Specialists
- ☐ Egyptian Glaucoma Society (EGS)
- ☐ Egyptian Society of Ocular Implants and Refractive Surgery (ESOIRS)
- ☐ European Society of Cataract and Refractive Surgeons (ESCRS)
- ☐ Japanese Ophthalmological Society (JOS)

Clinical/ Translational Research work of interest:

- ☐ Newly emerging OCTA technology for retinal (macular & optic nerve) imaging to better understanding retinal diseases (vasculitis, diabetic retinopathy, glaucoma, AMD and hereditary chorioretinal diseases) and subsequent developing of therapeutic protocols.
- ☐ Using recent technologies (as Anterior segment OCT, dual Scheimpflug camera, intra-operative aberrometry) in refining refractive procedures.
- ☐ Glaucoma assessment integrating recently introduced imaging modalities & other diagnostic tools to early detect and follow structural and functional changes, correlating them with both medical & surgical intervention.
- ☐ Studying the optical differences between femtosecond-assisted corneal refractive procedures and lens-based surgeries.
- ☐ Vector analysis for refining astigmatism treatment procedures.
- ☐ Age- related macular degeneration from diagnostic view using multimodal imaging and new treatment modalities.

- ☐ Evaluation of dry eye & ocular surface disorders and recent management trends.

Medical practice

- ☐ Management of patients with anterior segment pathologies (corneal pathologies, refractive errors, inflammations, Ocular surface disorders).
- ☐ Comprehensive glaucoma management and follow-up.
- ☐ Evaluation and follow-up of medical retinal disorders for monitoring and following treatment effects.

Surgical practice

Cataract surgeries:

- ☐ Extra-capsular lens extraction (ECCE) with intra-ocular lens implantation.
- ☐ Phaco-emulsification with intra-ocular lens implantation.
- ☐ Refractive lens exchange / clear lens extraction.
- ☐ Traumatic / developmental cataract irrigation/aspiration.
- ☐ **Anti-glaucoma surgery:** Trabeculectomy with / without anti-metabolite.

Surgical peripheral iridectomy.

Laser iridotomy

Intra-vitreous injection of anti-VEGF therapeutic agents.

Pterygium excision.

Chalazion excision.

Repair of rupture globe / conjunctival & lid wounds.

Laser-assisted vision correction:

- ☐ LASIK (conventional & customized with/without antimetabolite)
- ☐ PRK (conventional & customized with/without antimetabolite)
- ☐ PTK

Ocular investigative procedures

- ☐ Optical coherence tomography OCT
- ☐ Optical coherence tomography angiography OCTA
- ☐ Ocular ultrasound (A & B scans)
- ☐ Ocular biometry (ultrasonic & optical)
- ☐ Fundus fluorescein angiography FFA
- ☐ Perimetry