

Mazen M. Senjab

MD, MSc, CABOphth, PhD, FRCOphth (London), CertLRS(London)

Professor of Ophthalmology

Current at Al Hassan II University in Casablanca, Morocco

Past Professor at Damascus University, Syria

Consultant Ophthalmic Surgeon at Dr. Sulaiman Al Habib Hospital
Dubai Healthcare City, UAE
Laser Vision Correction and Refractive Surgeon
Cataract Surgeon
Keratoconus Management

Corneal Imaging

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**Passionate at Ophthalmology Education** 

Started educating colleagues since was a resident of ophthalmology at

Damascus University in 1993

Continued educating residents and undergraduates after starting the professorship program at Damascus University

Established Sinjab Academy on YouTube and Telegram to continue educating ophthalmologists worldwide after leaving Syria in 2012 because of the war

Established Sinjab Academy Platform <a href="www.sinjabacademy.org">www.sinjabacademy.org</a> in 2020 through which thousands of ophthalmologists worldwide are learning through the Academy programs, including cornea series, glaucoma series, Refractive Surgery masterclass, Cataract masterclass, and Oculoplasty masterclass.

New innovative platforms by the Academy were created to cover wider segments of ophthalmologists by iTeach platform that allows the juniors to talk and the seniors to listen.

The iOPT platform is also an innovative platform devoted to Allied Ophthalmic Professionals who are the right hand of ophthalmologists. This platform is designed to reshape their knowledge in a systematic and academic method to be perfect assistants to ophthalmologists.

Created Sinjab Academy Refractive Surgery Advisor (SARSA) program based on AI to assist ophthalmologists in making the right decision and excluding risk factors in refractive surgery.

The more to come.

BRIEFE CV

# PERSONAL PARTICULARS

Name: Mazen Mohamad Senjab

D.O.B: 02/02/1970 Nationality: Syrian

## LANGUAGE SPOKEN

Fluent in English
Native in Arabic

#### **JOB DESCRIPTION**

Consultant Ophthalmic Surgeon

## **SPECIALTIES**

- 1. Laser vision correction and refractive surgery.
- 2. Cataract surgery, including premium IOL implantation.
- 3. Keratoconus treatment.

## **PROFESSION**

Consultant Ophthalmic Surgeon at Dr. Sulaiman Al Habib Hospital, Dubai Healthcare City, UAE.

## **BOARD MEMBER**

- 1. Founder and president of Sinjab Academy for Ophthalmology Education.
- Co-founder and Steering Committee member of the International Keratoconus Society (IKS).
- 3. Board Examiner FRCSEd in The Royal College of Surgeons of Edinburgh in the UK.
- 4. Board Examiner FRCOphth and CertLRS in The Royal College of Ophthalmologists in London.
- Head of Cornea and Refractive Surgery Committee in the Emirates Society of Ophthalmology 2022.
- 6. Steering Committee member in the Emirates Society of Ophthalmology 2023.
- 7. Head of the Middle East & Africa Cataract and Refractive Surgery (MEACRS).
- 8. Corneal Cross-Linking Expert Meeting, Zurich, Switzerland.
- 9. Esteemed Scientific Faculty Member in Light For Sight Foundation, Switzerland.

#### CREDENTIALS

- Certificate of Laser and Refractive Surgery (CertLRS) from the Royal College of Ophthalmologists of London, UK.
- 2. Fellowship from The Royal College of Ophthalmologists of London (FRCO), UK.
- 3. Ph.D. in Ophthalmology, Faculty of Medicine, Damascus University.
- 4. Arab Board in Ophthalmology from The Arab Board of Health Specialisations.
- 5. Master's Degree in Ophthalmology, Faculty of Medicine, Damascus University, Syria.
- 6. Doctor of Medicine (HONS), Faculty of Medicine, Aleppo University, Syria.

## **WORK EXPERIENCE**

Over 27 years in clinical and surgical practice in ophthalmology as Cataract, Refractive, and Corneal Surgeon.

- 1. Consultant in the anterior segment, refractive surgery, and keratoconus management Dr. Sulaiman Al Habib Hospital, Dubai Healthcare City, UAE, from September 4, 2021, till present.
- **2.** Consultant Ophthalmologist in Medcare Eye Center, Dubai, UAE, from the 1<sup>st</sup> of October 2018 till August 31, 2021.
- 3. Consultant in anterior segment, refractive surgery, and keratoconus management in Global Eye Center (GEC) in Specialised Medical Center Hospital (SMCH) in Riyadh from the 1<sup>st</sup> of August 2013 to the 31<sup>st</sup> of August 2018.
- **4.** Supervisor in cornea and anterior segment department in Muassat University Hospital, Damascus University, from 15/6/2002 to 30/6/2013
- 5. Private clinic in Al Tal, Damascus, Syria, from 1/1/1997 to 30/7/2012.
- **6.** Consultant of Ophthalmology in Al Zahra Hospital, Al Tal, Damascus, Syria, from 25/5/2001 to 30/7/2012.
- 7. Consultant of Ophthalmology in Al Zahra Medical Center, Mysat, Damascus, Syria, from 1/10/2007 to 30/7/2012.

#### **Surgical Skills:**

- 1. Cornea: Corneal transplantation.
- 2. Refractive surgery:

- 1. **Premium operations:** Presbyopia treatment, FemtoSMILE, Premium lens implantation, customized laser vision correction, Topo-guided, and wavefront-guided treatment.
- 2. **Traditional operations:** FemtoLASIK/LASIK, PRK, TransPRK, ICL implantation.
- 3. **Keratoconus management:** Intracorneal ring segments implantation (ICRs), corneal collagen cross-linking (CxL), topography-guided PRK (TG-PRK), Premium lens implantation, ICL implantation, lamellar keratoplasty, penetrating keratoplasty.
- 4. **Anterior segment:** Phacoemulsification, Extracapsular, IOL implantation, Premium lens implantation, and anterior segment reconstruction.

## **ADVISORY BOARD and FACULTY MEMBER**

- 1. A steering committee member in the Emirates Society of Ophthalmology 2022.
- 2. Head of the Middle East & Africa Cataract and Refractive Surgery (MEACRS).
- 3. Corneal Cross-Linking Expert Meeting, Zurich, Switzerland.
- 4. Esteemed Scientific Faculty Member in Light For Sight Foundation, Switzerland.

## **SILVER AWARDED REVIEWER:** Journal of Refractive Surgery (JRS).

www.healio.com/ophthalmology/journals/jrs

## **ACADEMIC WORK**

## 1. Professor of Refractive Surgery:

Currently a visiting professor in the Refractive Surgery Diploma at Al Hassan II University in Casablanca.

## 2. Professor of Ophthalmology:

Damascus University: 2002 to 2013: Supervising medical students and residents in OPD. Training residents on examination techniques and ancillary investigations. Assisting and supervising residents in OR and hands-on training on surgical skills.

#### 3. Author of Ophthalmology Books:

International books published by major global publishers. Several universities and institutes accredit the books for medical students and residency programs. These books are available on https://www.amazon.com/author/sinjab.

#### 4. Medical Researcher:

Several types of research published in major medical journals

5. International Speaker and Trainer in the field of Refractive Surgery and Modern Treatments of Keratoconus:

Hundreds of presentations and instructional courses in regional and international conferences.

# **SOCIAL COMMUNITY ACTIVITIES**

1. Special Olympics Program, UAE.

# PAPERS/ARTICLES PUBLISHED IN INDEXED LOCAL / INTERNATIONAL JOURNALS - LIST - Books:

- DESPISTAJE AUTOMATIZADO DEL QUERATOCONO (PENTACAM, OCULUS) in TOPOGRAFÍA CORNEAL: GUÍA PRÁCTICA. Book in Spanish by Mesa Redonda 96 Congreso de la Sociedad Española de Oftalmología Madrid. Published by the Spanish Society of Ophthalmology, 2020.
- 2. **Corneal Tomography in Clinical Practice** 4<sup>th</sup> edition. Jaypee Highlight, New Delhi 2020.
- 3. **Step by Step Reading Pentacam Topography** 3<sup>rd</sup> edition. Jaypee Highlight, New Delhi 2020.
- 4. Extemporaneous Ophthalmic Preparations. Springer, Germany. 2020
- 5. **Corneal Tomography in Clinical Practice** 3rd edition. Jaypee Highlight, New Delhi 2018.
- 6. **Customized Laser Vision Correction.** Mazen Sinjab and Arthur Cummings. Springer German Publisher 2018.
- 7. **Corneal Cross-Linking**. Mazen Sinjab and Arthur Cummings. Springer, Germany, 2016.
- 8. **Step by Step Reading Pentacam Topography** 2<sup>nd</sup> edition. Jaypee Highlight, New Delhi 2014. *English and Greece versions are available*.
- 9. Five Steps to Start Your Refractive Surgery: A Case-Based Systematic Approach.

  Jaypee Highlight, New Delhi 2013. *English and Turkish versions are available*.

- 10. Arabic Medical Encyclopedia. Orbit Chapter. Damascus University, Syria 2012.
- 11. **Corneal Topography in Clinical Practice** 2<sup>nd</sup> edition. Jaypee Highlight, New Delhi 2012.
- 12. Quick Guide to The Management of Keratoconus. Springer, Germany, 2011. English and Turkish versions are available.
- 13. **Step by Step Reading Pentacam Topography** 1<sup>st</sup> edition. Jaypee Highlight, New Delhi, 2010. *English and Spanish versions are available*.
- 14. **Corneal Topography in Clinical Practice** 1<sup>st</sup> edition. Jaypee Brothers, New Delhi 2009.
- 15. Al Wafi in Corneal Topography (Arabic). Quds publisher, Damascus 2008.

## - Research and Studies:

- 1. **Sinjab MM.** Keratoconus: A Historical and Prospective Review. Oman Journal of Ophthalmology. 16(3):401-414, Sep-Dec 2023.
- 2. Rabiu, Muhammad Mansur MD\*; Taryam, Manal O. MD\*; AlBanna, Shurooq MSc\*; Albastaki, Bushra MD†; Khan, Hayat MD†; Alnakhi, Wafa K. PhD†,‡; Hussain, Hamid Y. MD†; Rao, Prasan MD§; Sinjab, Mazen M. PhD§; Sharbek, Lama T. MD§; Singh, Gurdeep MD∥; Pai, Sivakami MD∥; Shang, Xianwen PhD¶; He, Mingguang PhD¶. Prevalence and Risk Factors of Refractive Errors and Effective Spectacle Coverage in Emiratis and Non-Emiratis Aged 40 Years or Older: the Dubai Eye Asia-Pacific Journal of Health Survey. Ophthalmology ():10.1097/APO.0000000000000568, December 22, 2022. 1 DOI: 10.1097/APO.0000000000000568.
- 3. Taryam MO, Rabiu MM, AlBanna S, Al Shamsi N, Albastaki B, Khan H, Chettiankandi S, Alnakhi WK, Hussain HY, Rao P, Singh G, Pai S, Sinjab MM, Sharbek LT, Shang X, He M. Prevalence, Causes, and Risk Factors of Visual Impairment in Emiratis and Non-Emiratis of Dubai: A Subnational Population-Based Cross-Sectional Survey. J Ophthalmol. 2022 Apr 30;2022:9726230. doi: 10.1155/2022/9726230. PMID: 35535048; PMCID: PMC9078847.

- Sinjab MM, Rubinfeld RS, Wagner K, Parsons Jnr EC, Cummings AB, Belin MW.
   Outcomes of Conductive Keratoplasty Combined with Corneal Crosslinking in Advanced Ectatic Corneal Disease. Clin Ophthalmol. 2021;15:1317-1329 https://doi.org/10.2147/OPTH.S259012
- 5. **Sinjab MM.** A 12-point Algorithm to Master Corneal Tomography. Journal of Cataract and Refractive Surgery Today Europe. March 2017.
- 6. How to Improve the Evaluation and Management of Glaucoma among General Practitioners. Mazen M Sinjab. Highlight of Ophthalmology 2014. 42(2):2-5.
- 7. **Sinjab MM and Youssef LN.** Pellucid Like Keratoconus (2014). Indexed in PubMed <a href="http://www.ncbi.nlm.nih.gov/pubmed/24358811/">http://www.ncbi.nlm.nih.gov/pubmed/24358811/</a> and PubMedCentral <a href="http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3752625/">http://www.ncbi.nlm.nih.gov/pmc/articles/PMC3752625/</a>.
- 8. **Sinjab MM.** Images of Case report accepted in Atlas of Ophthalmology, 2013 and 2014 http://www.atlasophthalmology.com.
- 9. **Al-Tuwairqi W and Sinjab MM.** A new Surgical Technique in Treating Presbyopia Associated with Refractive Errors with Simultaneous LASIK and Cornea Inlay Implantation: A Three-Month Results. Highlight Ophthalmology. May 2013.
- 10. **Al-Tuwairqi W and Sinjab MM.** Intracorneal Rings Implantation Followed by Same-day Topography-Guided Photorefractive Keratectomy and Corneal Collagen Cross-Linking in Low-Grade to Moderate Keratoconus. Journal of Refractive Surgery. 2013; 29(1):59-63.
- 11. **Sinjab MM.** A Guide to Interpreting Corneal Tomography. Journal of Cataract and Refractive Surgery Today Europe (CRST). January 2012.
- 12. **Al-Tuwairqi W and Sinjab MM.** Safety and Efficacy of Simultaneous Corneal Collagen Cross-Linking with Topography-Guided PRK in Managing Low-Grade Keratoconus: One Year Follow-up. Journal of Refractive Surgery. 2012; 28(5):341-5.
- 13. **Tajdini A, Sinjab MM, and Hassan SA.** Rapidly Progressive Proptosis, a Case Report. Open Journal of Ophthalmology. 2012; 2:37-9.
- 14. **Sinjab MM.** Management Modalities for Keratoconus. An Overview of non-interventional and interventional treatments. Cataract and Refractive Surgery Today Europe (CRST). 2012; Nov. Dec. 2012.

## - University Publications:

1. **Sinjab MM.** Etiology of Endogenous Uveitis in Damascus and Suburb. Master Degree 1998.

- 2. **Sinjab MM.** Methodology of Orbital Tumor Extraction. Ph.D. degree 2009.
- 3. **Sinjab MM.** Tumors Leading to Orbital Exenteration. Journal of Damascus University. 2007.
- 4. **Sinjab MM.** Retinoblastoma in Childhood. Journal of Damascus University. 2007.

## TEACHING EXPERIENCE

## A. Academic Experience:

- 1. Faculty Member in the Examination board of the Royal College of Surgeons of Edinburgh (RCS Ed) in the UK.
- 2. Faculty Member in the Examination board of the Royal College of Ophthalmologists (RCOphth London).
- 3. Professor of Ophthalmology at Damascus University, Syria.
- 4. Supervising Continuous Medical Education program.
- 5. Leading research in the Master's Degree Program.
- 6. Senior lecturer for medical students and ophthalmology residents at Damascus University and Ministry of Health, Syria.
- 7. Supervisor and Senior Consultant in Cornea and Anterior Segment branch in ophthalmology department, Damascus University.

## **B.** Contribution to e-learning:

- Sinjab Academy Ophthalmology Education platform www.sinjabacademy.org. Around 10,000 members. Thousands of teaching hours. Hundreds of lectures.
- 2. Sinjab Academy on YouTube. Around 16,000 subscribers.
- 3. Sinjab Academy on Telegram. Over 2000 members.
- C. Speaker in conferences and meetings: Hundreds of sessions and presentations in local, regional, and international conferences.

#### **AWARDS**

- 1. The appreciation shield from the Emirates Society of Ophthalmology, ESO 2023.
- 2. Ibn Umaira International Award from the Oman Ophthalmology Society; MIOC 2022.
- 3. The Honorary Ambassador Golden Medal from Light For Sight Foundation, Switzerland; 2020.
- 4. The Honorary Esteemed Scientific Faculty Membership from Light For Sight Foundation, *Switzerland*; 2020.

- 5. The SILVER Awarded Reviewer: Journal of Refractive Surgery (JRS).
- 6. The Appreciation Shield Award of the year from *His Royal Highness Prince Abdul Aziz Bin Ahmad Al Saud*, President of the Saudi Ophthalmology Society, for my excellent performance in training and education in ophthalmology; 2017.
- 7. The Golden Medal from the Moroccan Society of Refractive Surgery and Lens Implantation (SAMIR) for my excellent performance in training and education in ophthalmology; 2018.

## SOCIETIES

- 1. The International Keratoconus Society
- 2. The Emirates Society of Ophthalmology (ESO).
- 3. Scientific Faculty Membership from Light For Sight Foundation, Switzerland.
- 4. Member and Clinical Director in the Special Olympics Organisation.
- 5. American Academy of Ophthalmology (AAO).
- 6. American Society of Cataract and Refractive Surgery (ASCRS).
- 7. European Society of Cataract and Refractive Surgery (ESCRS).
- 8. International Society of Refractive Surgery (ISRS).
- 9. Examiner in the Royal College of Surgeons of Edinburgh, UK.
- 10. Examiner in The Royal College of Ophthalmologists in London, UK.
- 11. The Syrian Society of Ophthalmology (SOS-SY).
- 12. The Syrian American Medical Association (SAMA).
- 13. The Bahrain Ophthalmology Club.