



## DR. MUHEMMED SWADIQUE

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### Assignments as

- (1) **PROFESSOR OF OPHTHALMOLOGY, Cornea, Cataract & Refractive Surgeon / Teaching / Hospital administration, with a frontline Medical College**
- (2) **Coordinator for ICO examinations.**
- (3) **Host for ICO sub specialty fellowship training**

### PROFESSIONAL SUMMARY

- A qualified Ophthalmologist with around two decades of experience in Eye Surgery, Teaching & hospital administration.
- Presently works with MES Medical College, Perinthalmanna as Professor of Ophthalmology.
- Proficiency in surgeries like **LASIK, ICL Phakic IOLs, PKP, Phaco +IOL, Multifocal IOLs** etc.
- Demonstrated abilities in designing, planning & establishing Ophthalmology Institute. Was instrumental in setting up of many Eye Hospitals and vision centers across Kerala.
- Experienced in routine administration of personnel & resources.
- Extensive experience in various surgeries like.
  - **Refractive surgery – Phakic IOLs / LASIK / PRK / Presbyopia Lens exchange**
  - **Phaco emulsification with foldable / Toric / Multifocal IOLs.**
  - **Cornea Surgeries - Keratoplasty, Collagen Cross linking,**
  - **Glaucoma Filtering Surgery**
- Distinction of conducting clinical research studies on refractive surgery, keratoconus, Cataract IOL surgery.
- Attended & Conducted numerous seminars & conferences.
- Good communication skills, analytical ability and capability to perform under stress and strenuous conditions.

### SCHOLASTIC CREDENTIALS

2011	<b>FICO</b> (Hon) from International Council of Ophthalmology
2006	<b>FRCS</b> from Royal College of Physicians and Surgeons of <b>Glasgow</b>
2006	<b>MBA</b> from Vinayaka Mission University Salem
2004	<b>ICO</b> (Basic & Clinical) from International Council of Ophthalmology
2003	<b>MNAMS</b> from National Academy of Medical Sciences, New Delhi
2003	<b>DNB</b> from National Board of Examinations, New Delhi
2000	<b>Fellowship in Phacoemulsification</b> from Sankara Netralaya, Chennai
1996	<b>DO</b> from Aligarh Muslim University, Aligarh
1992	<b>MBBS</b> from Medical College, Calicut

### AREAS OF EXPERTISE

#### Medical

- Performing high tech surgeries like Phaco + foldables & multifocals, Toric, Phakic IOLs. Penetrating Keratoplasty, Amniotic membrane grafting, Corneal Collagen Crosslinking, Glaucoma Surgeries ( Trabeculectomy, ExPRESS Glaucoma Valve, Ahmed Glaucoma Valve etc ) etc
- LASER applications like, Excimer Laser – LASIK / PRK
- Teaching & supervising surgeries to junior doctors, fellows & residents.
- Medical treatment of Ophthalmic disorders.
- Usage & interpretation of modern investigative equipments & procedures.

#### Setting up of Eye Hospitals, Staff Training & Administration

- Planning, Designing, implementation of infrastructure & sub specialty departments and the entire eye hospital.
- Designing & conducting various teaching courses for Doctors at post graduate & post PG levels and also paramedical courses at various levels.
- Conceptualising and imparting on-the-job training to new fellow employees and other staff.
- Implementing policies that promote & protect health, safety, security, and the quality of work life, the environment and organisational effectiveness.
- Planning staffing needs, recruitment & manage personnel assigned to the facility.

- Importing & purchasing hospital equipments.
- Liaising with speciality hospitals/ specialists for better patient care.

#### Teaching & Research

- Planning, conducting & guiding clinical research and publications.
- Teaching & supervising surgeries to junior doctors, fellows & residents.
- Tutoring & giving lectures to medical students, post graduate students and trainee surgeons.
- Developing and updating course syllabi as per latest requirements.
- Preparing presentations / audio visual aids for delivering lectures in an effective manner.
- Moderating seminars, symposiums case presentation & Journal clubs

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### **CAREER HIGHLIGHTS**

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**Since Nov 2015 Medical College, Perinthalmanna, as Professor of Ophthalmology.**

**Dec 2011 – Oct 2015 MES Medical College, Perinthalmanna, as Associate Professor of Ophthalmology.**

**Dec 2006 - Dec 2011 2011 MES Medical College, Perinthalmanna, as Assistant Professor of Ophthalmology.**

MES Medical College Hospital is a 600 bed multispecialty teaching hospital with MBBS & post graduate MD / MS courses. There is full-fledged Ophthalmology dept with subspecialty services

#### Key Deliverables

- Clinical duties – outpatient care, ophthalmic surgeries
- Clinical teaching to undergraduates & post graduates
- Surgical training to post graduate students
- Conducting research studies & publications

**Apr'04 – Dec 2011 Al Salama Eye Hospital, Perinthalmanna as Medical Director, Chief Consultant Eye Surgeon & head of the refractive surgery LASIK department.**

*Al Salama eye hospital is a multi sub specialty eye hospital with the state of the art facilities with sub specialties like Refractive Surgery, Vitreo Retinal Surgery, Squint & Oculoplasty, Glaucoma Surgery, Cornea Surgery, Neuro Ophthalmology and Phaco emulsification - Cataract Surgery, Pediatric Ophthalmology etc, and provide free charitable services to the poorest strata of the patients and on payment to the others.*

#### Key Deliverables

- Pivotal in conducting
  - Refractive Surgery (LASIK, PRK, Phakic IOLs, Presbyopia lens exchange)
  - Phaco emulsification with foldable IOLs
  - Multifocal IOLs – ReSTOR / Technis Multifocal / Acrylisa
  - Cornea Surgeries - Keratoplasty, Collagen Crosslinking,
  - Manual Small Incision Cataract Surgery
  - Glaucoma Surgery – Trabeculectomy, ExPRESS Glaucoma Valve, Ahmed Glaucoma Valve etc.
- Conducted
  - Phacoemulsification hands on training course to qualified Ophthalmologists with post graduate qualification.
  - BSc Optometry & Ophthalmic assistants training course.

**Mar'03- Mar'04 - ERF Eye Hospital, Taliparamba, Consultant Eye Surgeon**

*ERF eye hospital is a multi sub specialty eye hospital with the state of the art facilities with sub specialties like Vitreo Retinal Surgery, Squint & Oculoplasty, Glaucoma Surgery, Cornea Surgery, Neuro Ophthalmology and Phaco emulsification - Cataract Surgery, Pediatric Ophthalmology etc, and provide free charitable services to the poorest strata of the patients and on payment to the others.*

#### Key Deliverables

- Distinction of conducting surgeries like
  - Phaco emulsification with foldable IOLs
  - Multifocal IOLs – Array, Microphaco emulsification with Rollable IOL
  - Manual Small Incision Cataract Surgery, Squint Surgery & Glaucoma Surgery
- Efficiently conducted
  - Phacoemulsification hands on training course to qualified Ophthalmologists with post graduate qualification.
  - Ophthalmic assistants training course.

**Aug'97 to Feb'03 Medical College, Pariyaram as Tutor in Ophthalmology**

*Pariyaram Medical College is a teaching hospital with 100 MBBS Students /Batch/Year and post graduate teaching facility as well. It is a 600 beds multispecialty hospital with all medical, surgical, Para clinical and pre clinical departments.*

#### Key Deliverables

- Efficiently conducted surgeries like
  - Phaco emulsification with foldable IOLs
  - Multifocal IOLs – Array
  - Microphaco emulsification with Rollable IOL
  - Manual Small Incision Cataract Surgery
  - Squint Surgery & Glaucoma Surgery

English, Arabic, Hindi, Urdu, Malayalam, Tamil

## Annexure

### Publications

- **Muhammed Swadique**, Padmaja Krishnan; Changes in quality of vision after corneal wave front guided Lasik treatment in patients with high levels of corneal aberrations Ann Med 2014; 1: 187-196
- Afreen Halima , **Muhammed Swadique**, Basheer Ahmed Rajesh P : Bilateral simultaneous Central Retinal Artery Occlusion due to giant cell arthritis. Ann Med 2015; 2: Pg -301-304
- **Swadique M**, Nazia D, Mol I S. Comparison of Accuracy of SRK T And Hoffer Q Formula in Short Eye Balls. National Journal of Medical and Allied Sciences 2015; 4(1):56-61
- **Swadique M**, Vijisha T, Jubairiya F. Changes in the magnitude of Keratoconus after Corneal Collagen cross linking with ultraviolet Light and Riboflavin. National Journal of Medical and Allied Sciences 2015; 4(1):46-49
- **Muhammed Swadique**, Shaji Hussain, Binu Balan Parambath. "Evaluation of Higher Order Aberrations in Children with Unilateral Anisometropic Amblyopia". Journal of Evolution of Medical and Dental Sciences 2015; Vol. 4, Issue 62, August 03; Page: 10813-10823, DOI: 10.14260/jemds/2015/1561
- **Muhammed Swadique** Preetha K, Sufeera MV; Short Term Refractive And Visual Results After Acrysof Toric Intraocular Lens Implantation And The Comparative Analysis Of Visual Outcomes In Various Types Of Astigmatism, International Journal of Medical Research and Pharmaceutical Sciences, Vol. 2 Iss. 8 (August -2015)
- **Muhammed Swadique**, Hassan Sanooj; Safety And Efficacy Of Corneal Wavefront Guided Laser In Situ Keratomileusis In Myopic Astigmatism. European Journal of Pharmaceutical and Medical Research 2015,2(5) 379-386
- **Muhammed Swadique**, PriyaS, Sanju TS; Keratometric Changes after Corneal Collagen Cross linking for Keratoconus. Annals of International Medical and Dental Research. Vol (1), Issue (3) 2395-2814
- Dhanya Cheriya, **Muhammed Swadique**; Role of Ex-PRESS Glaucoma Shunt Implant in Glaucoma Filtering Surgery. Annals of International Medical and Dental Research. Vol (1), Issue (3)
- Shaik Mohiuddeen Riaz, **Muhammed Swadique**; Extensive bilateral eye lid molluscum contagiosum with pre septal cellulitis – A case report, Annals Medicus, 2348 -3970 Volume 2, Issue 3, July 2015

### Presentations

- Video presentation on bimanual micro phaco with ultra thin IOLs at European Society of Cataract & Refractive Surgeons Congress at Lisbon, Portugal. Sept 2005
- Video presentation on long term complications of ultra thin IOLs at United Kingdom & Ireland Society of Cataract & Refractive Surgeons meet at Chester, UK in Sept 2005

### Lectures Conducted & Delivered

- Bimanual Micro Phaco emulsification – Annual Conference of Oph Society of Bangladesh, Dhaka, Feb 2006
- Micro Incision IOLs – at OASIS DRISTI International Conference at Trivandrum Nov 2005
- Newer developments in automated perimetry - at OASIS DRISTI International Conference at Trivandrum Nov 2005
- Phacoemulsification – the current modality of cataract surgery, at IMA conference Hall, Hosted by ERF Eye Hospital, Taliparamba. Aug 2000.
- Fundamental steps of Phacoemulsification, Capsulorhexis, Dynamics & Fluidics of Phaco Machine – to an invited gathering of Senior consultants at Pariyaram Medical College. Oct 2000.
- Glaucoma – the silent Killer of vision – at IMA conference - March 2001.
- Multifocal IOLs, Bimannual Micro Phaco, & Current trends in refractive surgery-Live Surgery meeting of Cataract on 20<sup>th</sup> May 2007 at Perinthalmanna
- Refractive Multifocal IOLs at Kerala State Ophthalmic Surgeons Conference at Palghat 2007
- Overview of Micro Keratomes at Kerala State Ophthalmic Surgeons Conference at Palghat 2007

### Conferences / CME s conducted

- Chairman of organizing committee for CME on Glaucoma at Perinthalmanna July 2005.
- Chairman of organizing committee of Glaucoma Society of India Meet at Calicut, April 2006
- Organizing committee member & treasurer of the CME Program in Ophthalmology, at Pariyaram Medical College on Sept 5<sup>th</sup> 1999.
- Organizing secretary, & speaker in CME on Phacoemulsification – the current modality of cataract surgery, at IMA conference Hall, Hosted by ERF Eye Hospital, Taliparamba. Aug 2000.
- Reception Committee Member in Kerala State Ophthalmologic Society Annual Conference at Kannur Nov'29, 30, Dec.1 2002.
- Reception Committee member in KSOS Annual Conference at Kollam 2005
- Chairman of Live surgery symposium on cataract surgery on 20<sup>th</sup> May 2007 at Perinthalmanna

### Memberships in Scientific Societies

- American Academy of Ophthalmology (AAO)
- Cornea Society (USA)
- International Society of Refractive Surgery (ISRS).
- European Society of Cataract & Refractive Surgeons
- European Society of Cornea and Ocular Surface Disorders.
- United Kingdom & Ireland Society of Cataract & Refractive Surgeons

- All India Ophthalmologic Society
- SEAGIG ( South East Asian Glaucoma Interest Group )
- Indian Intraocular Implant & Refractive Surgery Society
- Delhi Ophthalmologic Society
- Kerala State Ophthalmologic Society
- Karnataka Ophthalmologic Society
- UP State Ophthalmologic Society
- Tamil Nadu Ophthalmologic Society
- Cornea Society of India.
- Glaucoma Society of India
- Strabismological Society of India
- Indian Medical Association
- Past President of Malappuram Ophthalmic society

### **Conferences, Workshops and CME programs attended**

- Annual Conference of DOS (Ophthalmology 2000) by Delhi Ophthalmological Society, New Delhi in 1996
- DRISHTI '97 by Kerala State Ophthalmological Society, Trivandrum in 1997
- Work shop on Yag / Argon laser, Automated perimetry by Kerala State Ophthalmological Society, Regional institute of Ophthalmology, Trivandrum in 1997
- Cataract & Excimer workshop by Indian Intraocular implant & Refractive Society, Cochin in 1998
- DRISHTI '98 by Kerala State Ophthalmological Society, Trichur in 1998
- Hands on training on indirect Ophthalmoscopy & other methods of retinal examination by Giridhar Eye Institute, Eranakulam in 1998
- Update on Glaucoma & Phacoemulsification by Karnataka Sate Ophthalmological Society Bangalore in 1998
- Workshop on corneal infections by Trichur Academy of Ophthalmology, Trichur in 1998
- Pan Arab Ophthalmic Conference by Pan Arab Ophthalmic Society Rashid Hospital, Dubai, U.A.E. in 1998
- Phacoemulsification wet lab by Pan Arab Ophthalmological Society Rashid Hospital, Dubai, U.A.E. in 1998
- 57th Annual conference of AIOS by All India Ophthalmological Society, Cochin in 1999
- IOL & Refractive surgery convention by Cochin Ophthalmic Club, Cochin in 1999
- Workshop on Small incision cataract surgery by Aravind Eye Hospital ,Madurai in 1999
- CME Program in Ophthalmology by Academy of Medical Sciences , Pariyaram, Kannur in 1999
- 58th Annual conference of AIOS (AIOC 2000) by All India Ophthalmological Society, Chennai in 2000
- Update in Ophthalmology by Aravind Eye Hospital Madurai, Madurai in 2000
- Eye Advance 2000 by Refractive and intra ocular implant society of India Mumbai in 2000
- CME on corneal infections by Dept of Oph, Medical College, Calicut Oct 29,2000
- Workshop on Multiple Choice Questions (MCQ) by Dept of medical education, Medical college, Pariyaram in 2000
- Undate in Ophthalmology by Aravind Eye Hospital Madurai in 2001
- CME on Neurophthalmology by Comtrust Eye Hospital Calicut in 2001
- Indian Intra ocular implant &Refractive surgery convention by IIRS, Chennai in 2001
- INSIGHT – 49th Annual conference of the TNOA from TNOA Ootty in 2001
- CME on Ocular imaging by Dept of Oph, Medical college, Calicut in 2001
- Undate in Ophthalmology by Aravind Eye Hospital Madurai in 2002
- Symposium on disease of cornea & refractive surgery by Aravind Eye Hospital Madurai in 2002
- Workshop on automated Perimetry by Cochin Ophthalmic club, Cochin in 2002
- CME on glaucoma by Aravind Eye Hospital Coimbatore in 2002
- Advances in vitreoretinal disease management by Aravind Eye Hospital Madurai in 2002
- CME on Oculoplasty by Chitanya Eye Hospital & Research Institute Trivandrum in 2002
- Ophthalmic Update by Aravind Eye Hospital Coimbatore in 2002
- Symposium on Diabetic Retinopathy by Giridhar Eye Institute Ernakulam in 2002
- Update in Neuro Ophthalmology by Sankara Netralaya, Chennai in 2002
- 29th Annual Conference of KSOS from Kannur in 2002
- National Workshop on Cornea & refractive surgery (LASIK) by DR.R.P.Centre, AIIMS, New DelhiNew Delhi in 2003
- Indian Intraocular Implant & Refractive Society of India Convention by IIRS Chennai in 2003
- August Ophthalmica 2003 by Cochin Ophthalmic Club Cochin in 2003
- XIII Annual Conference of Glaucoma Society of India by Glaucoma Society of India at AEH, Tirunelveli in 2003
- Symposium on squint by Strabismological society of India Cochin in 2003
- Glaucoma 2003 update by Sankara Netralaya Chennai in 2003
- National Workshop on Cornea & Refractive Surgery by All India Institute of Medical Sciences New Delhi
- Exclusive meet on Ophthalmic Research by Sankara Nethralaya Chennai in 2004
- xxii congress of ESCRS by ESCRS Paris in 2004
- Refractive Surgery Didactic Course by ESCRS Paris in 2004

- Lasik, Viscocanalostomy, verisye phakic IOL, Wet Lab by ESCRS Paris in 2004
- Refractive Surgery Work Shop by AMO Academy Nancy, France in 2004
- Annual Meeting of Glaucoma Society of India from Glaucoma Society of India Jalna in 2004
- 63rd Annual Conference of ALL India Ophthalmological Society from AIOS Bhubaneswar in 2005
- Update in clinical Diabetology from MSNM Trust Perinthalmanna in 2005
- CME – IMA by IMA Perinthalmanna in 2005
- CME on Pediatric Ophthalmology by Indian Academy of Pediatrics Perinthalmanna in 2005
- XI Annual Conference of Keratomileusis Study Group 2005 by IIIRG Chennai in 2005
- CME – AMS by IMA Perinthalmanna in 2005
- CME on Glaucoma by Malappuram Oph Society Perinthalmanna in 2005
- International Vision Science Conference by Sankara Nethralaya Chennai
- XXIII congress of European Society of Cataract & Refractive Surgeons by ESCRS Lisbon, Portugal in 2005
- UKISCRS Pre Surgical Training by UKISCRS Chester in 2005
- UKISCRS Annual Meeting by UKISCRS Chester in 2005
- Annual Conference of Strabismological Society of India by SSI Coimbatore in 2005
- Annual Conference of Glaucoma Society of India by GSI Ahmedabad in 2005
- IMA CGP Conference by IMA Perinthalmanna in 2006
- Symposium on Glaucoma by GSI at Calicut in 2006
- XXIV congress of European Society of Cataract & Refractive Surgeons by ESCRS London, UK in 2006
- South East Asian Glaucoma Interest Group Meeting by SEAGIG Chennai in 2006
- KSOS annual conference at Palghat in Nov 2007
- Visian ICL surgical accreditation course , Perinthalmanna in 2007
- AAO ( American Academy of Ophthalmology annual meeting at New Orleans AAO, New Orleans in 2007
- Cornea Update 2008 – Recent Trends in Diagnosis and Management, Aravind Eye Hospital, Tirunnaveli in November 2008
- OPTUS 2008 – A workshop on Spectacle dispensing, Perinthalmanna in November 2008
- 35<sup>th</sup> Annual Conference of Kerala Society of Ophthalmic Surgeons , Cochin in November 2008
- August Ophthalmica , Cochin in August 2008
- NBE tutorial workshop for faculty, Chennai in October 2008
- Annual Conference of Intra ocular implant and Refractive Society of India , Chennai in July 2008
- CME by Chakrabarathi Eye Care Centre, Trivandrum Under the aegis of Kerala Society of Ophthalmic Surgeons & Trivandrum Ophthalmic Club , Trivandrum in July 2008
- CME cum training programme on Contact Lenses and Low Vision Aids , Angamaly in June 2008
- EYEINFO 2008- 66<sup>th</sup> All India Ophthalmological Conference, Bangalore in February 2008
- CME – Update on Retina by Department of Ophthalmology, Medical College Kottayam, Kottayam in January 2008
- CME on A Focus on Refraction by Malappuram Ophthalmic Society Under the Aegies Kerala Society of Ophthalmic Surgeons , Perinthalmanna in March 2008
- Royal College of Ophthalmologists annual congress, Birmingham, UK, May 2009
- CME on Cornea by Malappuram Oph Society, Perinthalmanna in February 2009
- Training course on Lamellar Corneal Surgery, Apollo Hospital Hyderabad in March 2009
- CME on recent trends in ophthalmic practice, Calicut in October 2010
- Annual Conference of Kerala Society of Ophthalmic Surgeons, Cochin in November 2010
- Joint Meeting of 68<sup>th</sup> Annual Conference of All India Ophthalmological Society and 15<sup>th</sup> Afro Asian Congress of Ophthalmology, Kolkatta in January 2010
- 38<sup>th</sup> Annual Conference of Kerala Society of Ophthalmic Surgeons, Thrishur in September 2011
- Glaucoma Unplugged – CME by Glaucoma Society of India, Mumbai in October 2011
- Mid Year Workshop on Research Methodology , Thiruvananthapuram in May 2011
- 70<sup>th</sup> All India Ophthalmological Society Conference, Cochin in February 2012
- WOC 2012 World Ophthalmology Congress, Abu Dhabhi in February 2012
- CME on Oculoplasty, Calicut in June 2012
- The Royal College of Ophthalmologist Annual Congress, Liverpool in May 2012
- 22<sup>nd</sup> Annual Glaucoma Society of India conference, Coimbatore in October 2012
- AMUIO Alumni Meet – Institute of Ophthalmology, AMU, Aligarh in 2011
- Joint Meeting of The American Academy of Ophthalmology, Chicago in November 2012
- Phaco Festival Confluence II, Karnataka in 2012
- First Asian Debate on Keratoconus, Bangalore in December 2012
- 28<sup>th</sup> Asia Pacific Academy of Ophthalmology Congress and 71<sup>st</sup> Annual Conference of All India Ophthalmological Society, Hyderabad in January 2013
- 39<sup>th</sup> Annual Conference of Kerala Society of Ophthalmic Surgeons, Thiruvananthapuram in November 2012
- The Royal College of Ophthalmologist Annual Congress, Liverpool in May 2013
- American Society of Ophthalmic Plastic & Reconstructive Surgery - 2013 Annual Symposium, Rhode Island in June 2013
- CME programme New Paradigms in Refractive Laser Surgery , Calicut in Mach 2013

- 23<sup>rd</sup> Annual Conference of Glaucoma Society of India, Indore in September 2013
- CME on Cataract Surgery Update by Medical College, Kozhikode in September 2013
- 40<sup>th</sup> Annual Conference of Kerala Society of Ophthalmic Society, Kozhikode in November 2013
- First National Meeting of Cornea Society of India, Goa in December 2013
- 72<sup>nd</sup> AIOC IJO Diamond Jubilee Conference by Agra Ophthalmologists Alumni Association & U.P State Ophthalmological Society, Agra in February 2014
- State Level Training Workshop on Research Methodology and Research Ethics by Indian Medical Association, Kerala in March 2014
- Annual Conference of Qualified Private Medical Practitioners & Hospital Association, Vythiri in May 2014
- BMJ Masterclasses, Bangalore in August 2014
- A Hands on Femtosecond Laser Assisted Cataract Surgery Course by ESCRS, London in September 2014
- 5<sup>th</sup> Congress of the European Society of Cornea and Ocular Surface Disease Specialists, London in September 2014
- XXXII Congress of the European Society of Cataract and Refractive Surgeons, London in September 2014
- CME on Cornea Update by DBT of Ophthalmology, Medical College, Kozhikode in September 2014
- 41<sup>st</sup> Annual Conference of Kerala Society of Ophthalmic Surgeons, Thrishur in November 2014
- Keracon 2014 – Annual Meeting of Cornea Society of India, Chennai in December 2014