

Manual Small Incision Cataract Surgery (MSICS) Preparatory E-Module

Course Director:

Mr Rajesh R Deshmukh

Consultant Ophthalmic Surgeon
Moorfields Eye Hospital, London



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Welcome & Purpose

- Welcome to the MSICS Preparatory Course
- Builds foundation for wet-lab hands-on training
- Focus on: history • technique • applications • global impact
- Designed for ophthalmologists, trainees, and volunteers

Why MSICS?

- Efficient and low-tech technique for cataract extraction
- Self-sealing, small-incision extracapsular approach
- High-volume potential
- Excellent outcomes for dense/traumatic cataracts



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Why MSICS in Western Practice?

- Safer option in challenging cataracts (dense/brown/trauma)
- Fewer technology dependencies (no phaco machine)
- Expands surgical skillset (scleral tunnels, viscoexpression)
- Suitable for humanitarian and outreach projects
- Evidence-based non-inferiority to phaco

Course Outcomes

- ✓ Understand MSICS evolution and principles
- ✓ Compare phaco vs MSICS
- ✓ Learn key surgical steps (+ common pitfalls)
- ✓ Prepare for wet-lab simulation
- ✓ Appreciate global relevance



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