

Audience/Level
Ophthalmologists

Date
Saturday – Monday
19 to 21 November 2022

Venue (Onsite Pass)
Auditorium & Training Room,
Level 4 Tower Block,
Singapore National Eye Centre

Advanced Corneal Surgery ALK/DSAEK/DMEK Course

Course Outline

The Singapore National Eye Centre is pleased to announce the 3-day course, comprising eLearning, didactic lectures, hands-on wet lab, live surgery and clinical case presentations to provide practical insights for corneal surgeons and general ophthalmologists in the surgical and medical management of corneal transplant patients.

1. Didactic Lectures (Overview)

- **Penetrating keratoplasty** versus lamellar keratoplasty – Evidence: Why Change?
- **Anterior lamellar keratoplasty (DALK)** with modified Big Bubble technique, automated lamellar therapeutic keratoplasty (ALTK), Hemi-automated Lamellar Keratoplasty (HALK), preoperative and postoperative management.
- **Endothelial keratoplasty (EK):** Indications, surgical techniques of Descemet's stripping automated endothelial keratoplasty (DSAEK), preoperative and postoperative management, Descemet's membrane endothelial keratoplasty (DMEK) preoperative and postoperative management.

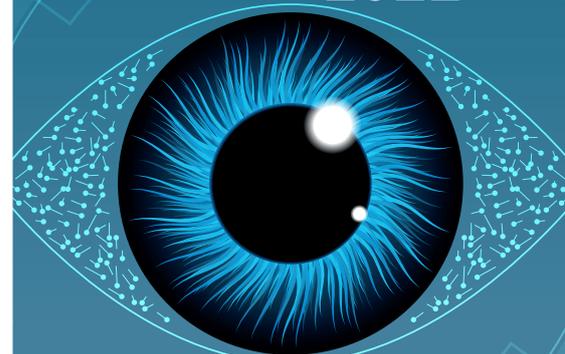
2. DSAEK & DMEK eLearning

3. Hands-on wet lab experience – ALK/ALTK/DALK/DMEK/DSAEK (participant choice)

4. Case presentation of clinical cases that may be suitable for ALK/DALK/DSAEK/DMEK patients.

The emphasis of this programme is on selective tissue transplantation particularly with different forms of lamellar surgery i.e. ALK, DALK, DSAEK, DMEK.

SNEC EDUCATION PROGRAMME 2022



Course Director

Prof Jodhbir S MEHTA

Course Coordinator

A/Prof Marcus ANG

Instructors

Clin A/Prof Anshu ARUNDHATI
Dr WOO Jyh Haur
Clin A/Prof KHOR Wei Boon
Clin A/Prof LIM Li
Dr ONG Hon Shing
Dr Howard CAJUCOM-UY
Dr TI Seng Ei



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TIME	PROGRAMME	Onsite Pass	Virtual Pass
DAY 1 — 19 November 2022 (Saturday)			
1.00pm – 1.20pm	Registration		
1.20pm – 1.25pm	Introduction		
1.25pm – 1.45pm	Principles of Lamellar Keratoplasty		
1.45pm – 2.05pm	Introduction to Anterior Lamellar Keratoplasty (ALK and ALTK)		
2.05pm – 2.25pm	HALK Surgical Technique		
2.25pm – 2.45pm	DALK Surgical Technique		
3.05pm – 3.25pm	DSAEK Surgical Technique		
3.25pm – 3.45pm	Advanced DSAEK Surgery		
3.45pm – 4.05pm	DMEK Surgical Techniques		
4.05pm – 4.25pm	DMEK Advanced Surgical Technique		
4.25pm – 4.45pm	Eye Bank Donor Tissue Preparation for DSAEK and DMEK		

DAY 2 — 20 November 2022 (Sunday)			
8.00am - 8.20am	Outcomes of Anterior Lamellar Keratoplasty (ALK and DALK)		
8.20am - 8.40am	Outcomes of Endothelial Keratoplasty (DMEK and DSAEK)		
8.40am - 9.00am	Surgical Video Rounds: Basic (Tips and Tricks)		
9:00am – 9:20am	DALK Surgery – Complications and Management		
9:20am – 9:40am	DSAEK Surgery – Complications and Management		
9:40am – 10:00am	DMEK Surgery – Complications and Management		
10.20am – 12.20pm	ALTK/DSAEK/DALK/DMEK Wet Lab Demonstration		
1.20pm – 5.00pm	Hands-on Wet Lab		

TIME	PROGRAMME	Onsite Pass	Virtual Pass
DAY 3 — 21 November 2022 (Monday)			
8.00am – 9.00am	Live Surgery Case 1		
10.00am – 11.15am	Live Surgery Case 2		
11.15am – 11.30am	Complex Cases: Video Potpourri		
11.30am – 11.45am	Future of EK		
12.15pm – 2.30pm	Post-op Examination, Clinical Case Presentation & Round-up Discussion		
2.30pm - 2.45pm	Presentation of Certificates		

*Note: The above program is preliminary and may be subject to change without further notice.**

Amidst this COVID-19 pandemic with travel restrictions and social distancing requirements, this program is specially re-designed for participants to have an engaging online learning experience.

All onsite and virtual participants will be able to enjoy:

- Access to online learning management system for 2 months
- Latest DSAEK and DMEK eLearning courses
- Virtual/Recorded lectures on theory and wet lab
- Engaging discussions during virtual sessions and online forums

	Face to Face
	Virtual Zoom
	Recorded Video (Stream available after event)

There are 2 types of passes that participants can choose (either one of the following):	Onsite Pass	Virtual Pass
	USD 2800	USD 500
	Entitled to ALL sessions (face-to-face, recorded, virtual or livestreamed sessions)	Entitled to recorded, virtual or livestreamed sessions only