



RCOphth Annual Congress 2018

## Advances in corneal disease management

Tuesday 22 May 2018 15.30 – 17.30

Chaired by Mr Parwez Hossain, Southampton Eye Unit

The management of corneal diseases has evolved to tackle some of the most common anterior segment ophthalmic conditions with a significant improvement in the outlook for patients with these conditions. In this session, we will highlight the changes in practice that are influencing the overall treatment strategy for frequent corneal conditions. There will be an opportunity to ask questions towards the end of the session.

**The surgical treatment of endothelial disease** has undergone a revolution with the introduction of endothelial keratoplasty. Prof Jod Mehta is Head of the Corneal Service and Senior Consultant in the Refractive Service of the Singapore National Eye Center (SNEC). He leads the clinical corneal service and runs a research program amongst many areas on corneal transplantation, femtosecond laser technology, corneal imaging. His team at Singapore National Eye Centre have been at the forefront of surgical treatments in keratoplasty and will share his expertise in the management of patients with endothelial disease.

**Keratoconus** is frequent cause for anxiety amongst adolescents and young adults. The development of collagen cross-linking and its NICE approval, has allowed many to have their conditions treated before the conditions gets advanced. Mr Aristides Konstantopoulos, Consultant Ophthalmic Surgeons, Southampton University Hospital, runs a busy NHS collagen cross-linking service for the South Coast of England and has extensive experience on which patients need referral, the urgency, the outcomes of treatments to halt ectasia and what are the future direction of visual rehabilitation in such patients.

**Refractive surgery** remains one of the most frequently asked questions from patients, colleagues, friends and alike, newer developments in refractive eye surgery are taking place David Anderson, Consultant Ophthalmic Surgeon is a highly respected refractive corneal surgeons will provide the options and which approaches are helpful to patients seeking this type of corrective surgery.

**Dry eye disease (DED)** remains one of most common conditions and for all ophthalmic staff to manage. With increasing number of novel and potential 'breakthrough' therapies either

being approved or undergoing evaluation by NICE, DED management is going through a significant change. The DEWS I report published almost 10 years ago, put forward newer concepts of DED focusing the diagnosis into “evaporative” versus “aqueous deficient” dry eye disease. Dr Colin Parsloe, is one of the contributing authors of the recently published DEWS II report. He will describe what is new in DED and why this report is likely to influence our clinical practice? He will show approaches to improve its features, especially the pain related to DED and understand iatrogenic causes.

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| <b>15.30 – 15.40</b> | <b>Introduction</b><br>Parwez Hossain  |
| <b>15.40 – 16.00</b> | <b>Advances in endothelial corneal transplantation</b><br>Professor Jodhbir Singh Mehta, Singapore National Eye Centre |
| <b>16.00 – 16.20</b> | <b>Update in refractive surgery</b><br>Mr David Anderson, Southampton Eye Unit   |
| <b>16.20 – 16.40</b> | <b>Advances in corneal ectasia and collagen cross-linking</b><br>Mr Aris Konstantopoulos, Southampton General Hospital |
| <b>16.40 – 17.10</b> | <b>Advances in dry eye disease management - DEWS II Report</b><br>Dr Colin Parsloe                                     |
| <b>17.10 – 17.30</b> | <b>Questions and discussion</b>  |