

# 40th Annual Cornea Society Meeting

Emporium Hotel  
Southbank, Brisbane  
6-7<sup>th</sup> March 2025

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| <p>Registration from 8:00am<br/>Frangipani Ballroom Foyer, Emporium Hotel</p>           |   |                    |
| <p><b>Session 1: Crosslinking, Keratoconus, Grafts</b><br/><b>Chair: David Gunn</b></p> |   |                    |
| <p>Welcome 9:00</p>   |   |                    |
| 9:05  | Corneal haze formation after collagen cross-linking for keratoconus: a 5-year real-world data in quaternary hospital in Australia   | Nina Asrini Noor   |
| 9:14  | Development of a Polygenic Risk Score for Keratoconus: A Multi-Site Analysis  | Jasmin Branford    |
| 9:24  | Efficacy and safety of standard corneal cross-linking procedures performed with short Versus standard riboflavin induction: two-year outcomes using the Save Sight Keratoconus Registry | Himal Kandel       |
| 9:33  | Refractive outcomes of triple surgery: DMEK combined with cataract extraction and MF IOL  | Andrew Apel        |
| 9:43  | What do we know about keratoconus progression?  | Stephanie Watson   |
| 9:52  | Infectious Keratitis after Accelerated Corneal Collagen Cross-Linking   | Hemant Jhajharia   |
| 10:10   | <b>Aaargh K – dealing with the legacy of Radial Keratotomy</b>  | <b>Sheraz Daya</b> |
| <p>Morning Tea 10:30</p>  |   |                    |

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| <b>Session 2: CAIRS across Australia</b><br><b>Chair: Ravi Singh</b>       |  |  |
| 11:00  | Australian Experience with CAIRS: Techniques and Clinical Outcomes                     | Brendan Cronin, Aanchal Gupta, Nathan Wong, Andrea Ang, David Gunn |
| 11:30  | Who CAIRS  | Andrew Pomfret & Lisa Buckland                                     |
| 11:38  | Discussion   |  |
| 11:45  | <b>The Douglas J Coster Lecture:</b><br>Clear and in Shape – Principles and Techniques | <b>Sheraz Daya</b>   |
| Lunch      12:30   |  |  |
| <b>Session 3: Controversies &amp; Debates</b><br><b>Chair: Nathan Wong</b> |  |  |
| 13:30  | Geographic differences in rates of grafts  | Elaine Chong (Data), Elsie Chan, Peter Beckingsale                 |
| 13:50  | Laser assisted surgery eg. ptery   |  |
| 14:10  | Lack of uptake of DALK   |  |
| 14:30  | <b>Cornea Society AGM</b>  | <b>Peter Beckingsale</b>   |
| Afternoon Tea      14:40   |  |  |



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| <b>Session 4: EBAANZ</b><br><b>Chair: Pierre Georges</b> |   |                               |
| 15:10  | Empowering Organizational Growth Through Professional Collaborations          | Shannon Schweitzer            |
| 15:35  | EBAANZ up-date  | Lisa Buckland                 |
| 15:45  | GAEBA up-date   | Else Draheim                  |
| 15:53  | What eye bankers want surgeons and researchers to know                        | Heather Machin                |
| <b>BIENCO</b>  |   |                               |
| 16:00  | BIENCO Update   | Damien Harkin & Gerard Sutton |
| 16:20  | A bioengineered biomimetic collagen cornea model promoting nerve regeneration | Clare Maher                   |
| Welcome Drinks 18:00<br>Emporium Terrace (Rooftop)       |   |                               |

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| Registration      8:00  |   |                          |
| <b>Session 5: Rapid Fire, Case Studies</b><br><b>Chair: Cameron McLintock</b> |   |                          |
| 9:00  | Xerophthalmia in an adult-female patient with vitamin A deficiency  | Allister Lee             |
| 9:07  | Surgery Coaching Pilot for Corneal Surgery  | Nigel Morlet             |
| 9:14  | Post-LASIK corneas show altered immune cell densities, morphologies and dynamics  | Laura Downie             |
| 9:21  | Exploring the immunopathogenesis of Herpes simplex keratitis using high dimensional flow cytometry and imaging and explant models               | Sana Arshad              |
| 9:28  | The Clinical Outcomes of Minor Salivary Gland Transplantation for Severe Dry Eye Disease Secondary to Chronic Stevens-Johnson Syndrome          | Hemant Jhajharia         |
| 9:35  | Causes for Explantation of Small-Aperture IC-8 Intraocular Lens: A Multicentre Case Series  | Layla Bunjo              |
| 9:42  | A Role for Losartan in Epidemic Keratoconjunctivitis  | Meiding Wang             |
| 9:49  | The effect of donor age on the rebubble rate in DMEK surgery  | Andrew Apel & Liam Kalas |
| 9:56  | Agreement in Corneal Astigmatism Measurements Between Scheimpflug-Placido and Swept-Source Optical Coherence Tomography-Based Optical Biometers | Samir Uprety             |
| 10:03   | DMEK from then to now: advances in surgical outcomes over a decade  | Liam Kalas               |
| 10:10   | Microbial Keratitis: Resistance trends challenge empirical therapy  | Elaine Qian              |
| 10:17   | Necrotising scleritis, conjunctival masses and neurotrophic keratopathy in a Quantiferon Gold positive patient                                  | Prakshi Chopra           |
| 10:24   | Patient reported outcomes in infectious keratitis: a systematic review  | James Smith              |
| Morning Tea      10:30  |   |                          |



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| <b>Session 6: Graft registry and Ocular oncology</b><br><b>Chair: James McKelvie</b> |  |                    |
| 11:00  | ACGR Update  | Miriam Keane       |
| 11:15  | ACGR changes & discussion  | Keryn Williams     |
| 11:23  | ACGR audit session   | Peter Beckingsale  |
| 11:30  | Ocular oncology update!  | Lindsay McGrath    |
| 11:50  | A comparison of incisional vs excisional biopsy for treatment of ocular surface squamous neoplasia | Amy Wang           |
| 12:00  | <b>Cataract Surgery in Abnormal Corneas</b>  | <b>Sheraz Daya</b> |
| Lunch  | 12:20  |                    |

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| <b>Session 7: Keratitis/Medical Treatment</b><br><b>Chair: Brett Drury</b> |  |  |
| 13:15  | <b>Keratitis Symposium</b>   |  |
| Queensland Microbial Keratitis Database 2005-2024 – 20 Years of Data       |  | Matthew Green  |
| Atypical Keratitis   |  | Stephanie Watson                                     |
| Update on Microbial keratitis treatment                                    |  | Andrew Apel  |
| Antimicrobial resistance in bacterial keratitis & BOSS report              |  | Maria Cabrera-Aguas                                  |
| 13:40  | Murphys Law – Has everything that could go wrong, gone wrong for Microbial Keratitis?<br>An update on diagnostics, pathogens and adjunct therapies for Microbial Keratitis | Denis Zheng  |
| 13:45  | Acanthamoeba impacts   | Nicole Carnt,<br>Con Petsoglou,<br>Aishah Aldhanhini |
| 14:00  | Acanthamoeba Keratitis at RVEEH and beyond   | Arthur Okonkwo                                       |
| 14:10  | Losartan, does it really work??<br>An update on emerging therapies for corneal scarring  | Gink Yang<br>& Mark Daniell                          |
| 14:20  | Thick or thin-a 12 year retrospective analysis of keratitis on corneal grafts  | Natalie Allen  |
| 14:30  | <b>The John Blandford Lecture:</b><br>Genetic risk polling for eye disease   | <b>Stuart MacGregor</b>                              |
| <b>Afternoon Tea     15:10</b>   |  |  |
| 15:40  | Keratoprosthesis: What we do and what you can do   | Luke Northey   |
| 15:50  | Ocular trauma at Sydney Eye Hospital – what’s next?  | Nathan Gunasekaran                                   |



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| <b>Session 8: Video Session, Case Studies, Biggest Failures</b><br><b>Chair: Cameron McLintock</b> |                         |                        |
| 16:10  | Bubbling under pressure | Judy Ku                |
| 16:17  | Lasik flaps with traps  | Rob Paul               |
| 16:14  | No 7 treph for DSAEK    | Chameen Samarawickrama |
| 16:21  | PK in fungal keratitis  | Murie Sundravel        |
| 16:28  |                         | Peter Beckingsale      |
| Finish      17:00<br>Poll Voting   |                         |                        |
| Post conference Drinks<br><b>Venue:</b> The Reserve Wine Bar, Ground Floor, Emporium Hotel         |                         |                        |