|  |
| --- |
| CONFIDENTIAL |
| CURRICULUM VITAE |
| **Dr Michael Lawless** |
|  |
| M.B., B.S., F.R.A.N.Z.C.O., F.R.A.C.S., G.A.I.C.D |
| **August 2014** |

|  |
| --- |
|   |

**INDEX**

Page 2 Index

Page 3-4 Summary / Mini Biography

Page 5 Current Positions

Page 5-6 Educational Qualifications

Page 7 Academic and Clinical Appointments

Page 8-9 Professional societies/Service / Committees

Page 10 Editorial Boards / Journals

Page 11 Awards and Named Lectures

Page 12 Surgical Experience

Page 13 Teaching

Page 14 Research

Page 14-28 Publications

Page 28-35 Invited Lectures

Page 35 Registered Clinical Trials

Page 36 Referees

****

**Clinical Assoc Professor Michael Lawless**

MBBS, FRANZCO, FRACS.

Dr Lawless is a recognised world authority in eye surgery. His specialty is laser vision correction, cataract and lens surgery, and corneal transplantation. He has performed over 25,000 surgical procedures in the following areas:

* LASIK and ASLA (Advanced Surface Laser Ablation, PRK)
* Refractive lensectomy, cataract and lens surgery (including phakic intraocular lens surgery)
* Corneal transplantation

**Education:**

Dr Lawless graduated in Medicine from the University of Sydney in 1980. Ophthalmology training in Sydney was followed by two years of sub-speciality education, a corneal and external diseases Fellowship with Professor Doug Coster in Adelaide, and a second Fellowship in corneal and refractive surgery with Professor Richard Troutman at the Manhattan Eye, Ear & Throat Hospital in New York.

**Career highlights:**

Appointed Clinical Associate Professor to Sydney Medical School (University of Sydney) in 2014

First Australian to perform laser cataract surgery with the femtosecond laser in Feb 2011

Performed the first LASIK procedure in Sydney in 1995.

President, International Society of Refractive Surgery, 2001.

Chairman, Department of Ophthalmology, Royal North Shore Hospital, 2000-2006.

Over 100 publications in the peer reviewed scientific literature and textbook chapters written on innovations in eye surgery.

Selected to perform televised live surgery at international meetings, including the American Academy of Ophthalmology, the American Society of Cataract and Refractive Surgery and the Asia Pacific Academy of Ophthalmology.

Keynote Lecture: American Academy of Ophthalmology Chicago 2102: The future of laser cataract surgery

**Awards:**

Cedric Cohen Medal for Excellence in the Royal Australian College of Ophthalmologists examination, 1982.

Visiting Professor, University of Melbourne, 1998.

Founders Award from the International Society of Refractive Surgery, Chicago 2005.

Invited Guest Lecturer to the world’s main scientific meetings, most recently the Asia Pacific Academy of Ophthalmology in Bali, 2009; the American Academy of Ophthalmology in Chicago, October 2010, and the World Ophthalmology Congress in Abu Dhabi, February 2012.

Senior Honour Award, American Academy of Ophthalmology for Services to Education in Ophthalmic Surgery, 2012

**And also:**

Consultant ophthalmologist to the Australian Defence Force

Dr Lawless is married with three children and is a Shodan (black belt) in Goju Ryu karate. He currently trains in Aikido.

**CURRENT POSITIONS**

2014 - **Clinical Associate Professor** to Sydney Medical School (University of Sydney)

2013 -- **Convenor Cataract Program** Asia Pacific Academy of Ophthalmology for WOC Tokyo 2014

2012 - **Convenor Cataract Program** Asia Pacific Academy of Ophthalmology Hyderabad 2013

2011 - Director intraocular surgery section, Refractive Surgery Degree, Sydney University Medical School

2009 - **Convenor Refractive Surgery** section Asia Pacific Representative for Refractive Surgery. Asia Pacific Academy of Ophthalmology (Bali 2009, Beijing 2010, Sydney 2011, Busan 2012, Hyderabad 2013)

2006 - **Executive Director**

 Vision Eye Institute

2006 - **Medical Director**

 Vision Eye Institute

1999 - **Director**

Australian Society of Cataract and Refractive Surgery

1997 - **Ophthalmic Surgeon**

Vision Eye Institute, Sydney

1994 -2012 **Consultant Ophthalmologist**

NSW Rugby Union

**EDUCATIONAL QUALIFICATIONS**

2007 **GAICD -** Graduate, Australian Institute of Company Directors

1998    **FAAO** - Fellow, American Academy of Ophthalmology

1992    **FRCOphth -** Fellow Royal College of Ophthalmologists

1986-87 **Fellow in Corneal and Refractive Surgery** - Manhattan Eye Ear and Throat Hospital, New York, USA under Professor Richard Troutman.

1986 **Fellow in Corneal and External Diseases** - Flinders Medical Centre, Adelaide, South Australia, under Professor Doug Coster

1986    **FRACS -** Fellow Royal Australian College of Surgeons

1986 **FRANZCO** Fellow Royal Australian and New Zealand College of Ophthalmologists

1983-85 **Ophthalmology Registrar**, Sydney Eye Hospital

1982 **Surgeon-Lieutenant**, Royal Australian Navy

1980-81 **Intern, RMO**, Royal Newcastle Hospital, Newcastle

1980 **MBBS** University of Sydney, Australia

**ACADEMIC and CLINICAL APPOINTMENTS**

2104 – **Clinical Associate Professor** to Sydney Medical School (University of Sydney)

2004 - 2006  **Chairman Ophthalmology** - Northern Sydney Area Health Service

2000 – 2006 **Chairman**, Department of Ophthalmology - Royal North Shore Hospital

1998 – 2001 **Ophthalmology Director**, Medical Student Teaching - Northern Clinical School

1998 - 2006   **Clinical Senior Lecturer** – University of Sydney

1995 –2006 **Chairman**, Ophthalmology Department - Mater Misericordiae Hospital

1992 **Advisory Board**, Contact Lenses in Ophthalmology - Royal Australian College of Ophthalmologists

1989 – 2006 **Visiting Medical Officer, Ophthalmology -**Mater Misericordiae Hospital, Sydney

1988 – 2006 **Visiting Medical Officer, Ophthalmology -**Royal North Shore Hospital, Sydney

**PROFESSIONAL SOCIETIES / SERVICE / OTHER COMMITTEES**

I have made, and continue to make, a wide contribution to various organisations, colleges, community groups, and scientific journals. The diversity of commitments has required significant administrative and management skills whilst working in a busy surgical practice.

Activity Highlights:

While I was President of the International Society of Refractive Surgery, in 2001, the largest society dedicated to education in refractive surgery with over 3,000 members around the world, I was aware that refractive surgery was moving from a fringe sub-specialty to securing a place in mainstream ophthalmology. I realised that the educational activities of the ISRS would have a natural fit with the American Academy of Ophthalmology, an organisation we could work with to create a solid program of refractive surgery education. I encouraged an alliance between the two organisations and am pleased that within twelve months there was a successful integration. Today the ISRS/AAO is the premier refractive surgery educational forum in the world and carries on a tradition of unparalleled excellence and innovation in refractive surgery education.

While Chairman of the Ophthalmology Department at Royal North Shore Hospital in 2003, I moved to provide an integration of ophthalmology services within the Northern Sydney Area Health Service. I felt that the overall quality of ophthalmology service delivery would be enhanced if the relatively small number of surgical procedures performed at regional hospitals within the area were brought under the umbrella of Royal North Shore Hospital. For two years I worked with stakeholders including the area executive, individual hospital representatives, community groups, ophthalmologists and nursing and theatre staff in order to bring about the successful establishment of the area wide health ophthalmology health service at Royal North Shore Hospital. This led to the reinvigoration of the department and particularly enhanced quality of registrar training of both the senior and junior rotating registrars.

2011 Medical Advisory Board, Alcon/LensSx (Fort Worth, Texas. USA)

2011 Medical Advisory Board, Nexis Vision (Irvine, California.USA)

2008 Advisory Board -Alcon Australia

2006 International Council Steering Committee - ISRS/AAO

2003 to

2006  **Governing Body** –State-wide Ophthalmology Services Committee

2003   **Executive Committee** - ISRS/AAO

2001   **President** - International Society of Refractive Surgery

2000  **President Elect**- International Society of Refractive Surgery

2001 - 2003

 **Medical Monitor** **for International Studies** - Refractec Corporation, Irvine

1998 –  2007

 **Medical Advisory Board Member**- Alcon/Autonomous Technology Inc, Fort Worth, Texas, USA

1998 – 2001

 **Director**, LASIK Institute, Boston, Massachusetts, USA

1996 -1998

 **Director**, International Society of Refractive Surgery

**EDITORIAL BOARD ACTIVITIES / INTERNATIONAL SCIENTIFIC JOURNALS**

2011 **Section Editor** Asia Pacific Journal Ophthalmology

2005 **Associate Medical Editor**Ocular Surgery News, Europe/Asia Pacific Edition

2004 **Editorial Board Member -**Refractive Surgery Quarterly

2001 **Editorial Board -**Cataract and Refractive Surgery Today. Boston, MA

2002 **Reviewer** - American Journal of Ophthalmology

1999 – 2007

 **Editorial Board** - Journal of Cataract and Refractive Surgery

1996 **Reviewer**- Australian and New Zealand Journal of Ophthalmology.

 **Reviewer** - Journal of Refractive Surgery.

 **Reviewer** - Journal of Cataract and Refractive Surgery.

 **Reviewer** - British Journal of Ophthalmology

 **Reviewer** - Cornea

**AWARDS AND NAMED LECTURES**

1982 **Cedric Cohen medal** for excellence in the Part One F.R.A.C.O. examination

1985 Hugh Massie Travelling Scholarship in Ophthalmology from the University of Sydney

1997 **Slade Memorial Lecture**, Adelaide, South Australia. The Evolution of Refractive Surgery

1998 **Alcon Visiting Professor**, Melbourne University

 Visual Quality and its Relevance to Refractive Surgery

1999 Awarded “Pioneer in Refractive Surgery, Seattle April 1999. For contribution over the previous ten years towards the development of refractive surgery

1999 Honour Achievement Award, American Academy of Ophthalmology. For service to education in ophthalmic surgery

2005 **Founders Award**: International Society of Refractive Surgery.

 The Founders Award honours an ISRS member who has made extraordinary contributions to the growth and advancement of the Society and its mission.

2012 **Senior Achievement Award**: American Academy of Ophthalmology for services to education in ophthalmology

**CORNEAL, CATARACT AND REFRACTIVE SURGICAL EXPERIENCE**

1. For twenty five years I have performed a large volume of corneal transplantation, cataract and intraocular lens and laser corneal refractive

 procedures.

 There is probably no more difficult task that performing surgery before a live audience in front of one’s peers. Many regard it as an invaluable teaching method and it is regularly the best attended educational forum at international meetings.

 I have been fortunate to have been selected to perform live surgery at the following locations and meetings;

 -2002 International Congress of Ophthalmology, **Sydney**, Australia

 - 2002 American Academy of Ophthalmology, **Orlando,** Florida, USA

 -2003 American Society of Cataract and Refractive Surgery, **San Francisco**, (Surgery preformed at Moran Health Centre, Salt Lake City, Utah, USA)

 -2005 Asia Pacific Academy Ophthalmology, **Kuala Lumpar**, Malaysia

**TEACHING**

* With Dr Chris Rogers I started and funded a 12 month **corneal and refractive fellowship** commencing in 1994. Many of our fellows have gone onto significant clinical and academic careers in Australia, the United States, Israel and the United Kingdom.

|  |  |  |
| --- | --- | --- |
| **Clinical Fellow** | **Year** | **Country** |
| Gerard Sutton | 1994 |  Australia |
| Richard Kalski | 1995 |  USA |
| Jean Pierre Danjoux | 1996 |  England |
| Graham Fraenkel  |  1999  |  Australia  |
| Suzanne Webber  |  2000  |  England  |
| Yuval Domnitz |  2001  |  Israel |
|  Ian Comaish |  2002  |  England  |

* From 1998-2001 I was in charge of **medical student teaching** at the **Northern Clinical School**
* In 2009 I was able to establish a new federal government sponsored **registrar training position** within Vision Eye Institute. This position is now an integral part of the NSW training programme and is funded through to the end of 2013.
* Unusually for a non American I have **authored two Focal Points** clinical modules for the **American Academy of Ophthalmology**. These are the teaching modules for American ophthalmology residents (registrars) and are used by educators worldwide;
1. Lawless MA.

 Cataract Surgery following refractive surgery.

 Focal Points: Clinical Modules for Ophthalmologists

 American Academy of Ophthalmology.  2001: 19: 5: 1-12.

1. Lawless MA.

 Surgical correction of Hyperopia

 Focal Points: Clinical Modules for Ophthalmologists

 American Academy of Ophthalmology. 2004: 22: 5: 1-14

**RESEARCH**

My publications, both peer reviewed, in book chapters and in non-peer reviewed literature, indicate a consistent theme of clinical research in corneal refractive and cataract surgery. The aim has always been to understand, educate and interest my peers, registrars, students and myself.

**PUBLICATIONS**

 **A. Publications in the peer-reviewed literature**

1. Francis I, Kappagodda M, Lord G, Anderson I, **Lawless MA,** Koss W.Computerised tomography of keratoconus.

 Australasian Radiology.  1986; 30: 10-12.

2. **Lawless MA,** Porter W, Pountney R, Simpson M.

Surfboard related ocular injuries.

Australian & New Zealand Journal of Ophthalmology.  1986; 14: 55-57.

3.  **Lawless MA,**Martin FJ.

Orbital cellulitis and preseptal cellulitis in children.

Australian & New Zealand Journal of Ophthalmology. 1986; 14: 211-219.

4. Troutman RC,**Lawless MA.**

Penetrating keratoplasty for keratoconus.

Cornea.  1987; 6: (4): 298-305.

5. **Lawless MA,** Loane M, Coster D, Phillips A.

Keratoconus:  Diagnosis and management.

Australian & New Zealand Journal of Ophthalmology.  1989; 17:(1): 33-59.

6. **Lawless MA,** Troutman RC.

The role of penetrating keratoplasty and epikeratoplasty in the surgical managementof keratoconus.

Australian & New Zealand Journal of Ophthalmology:  1989; 17:(4) 387-393.

7. Hipwell GC, **Lawless MA.**

The ocular complications of connective tissue disease.

Modern Medicine of Australia.  1991; 35: 5: 47-55.

8. Whitehouse G, **Lawless MA,** Reid K.

Corneal biopsy in chronic keratitis.

Australian & New Zealand Journal of Ophthalmology.  1991; 19:(3): 193-196.

9. **Lawless MA,** Cohen PR, Rogers CM.

Excimer Laser Surgery for Myopia.

Mod. Med. 1992; 35 (3): 60-62.

10. **Lawless MA,** Cohen PR, Rogers CM.

Excimer Laser Photorefractive Keratectomy:

The first Australian series.

M.J.A. 1992; 156: 812.

11. Rogers CM, **Lawless MA,** Cohen PR.

Phototherapeutic keratectomy for Reis-Bucklers Dystrophy.

J. Refractive & Corneal Surgery.  1993;  9: 2: 96-98.

12. **Lawless MA,** Cohen PR, Rogers CM.

Excimer laser photorefractive keratectomy:  12 months’  followup.

MJA 1993; 159: 535-538.

13. Rogers CM, Cohen PR, **Lawless MA.**

Phototherapeutic keratectomy for Reis-Bucklers corneal dystrophy.

Australian & New Zealand Journal of Ophthalmology.  1993; 21: 247-250.

14. Gauthier C, Holden BA, **Lawless MA,**Rogers CM.

Epithelial alterations following photorefractive keratectomy for myopia.

Invest Ophthalmol. Vis Sci. 1993; 34 (4):  703.

15. Rogers CM, **Lawless MA,** Cohen PR.

Photorefractive keratectomy for myopia of more than 10 dioptres.

J. Refractive & Corneal Surgery.  1994; 10: 2:171-173.

16. **Lawless MA,** Cohen PR, Rogers CM.

Retreatment of undercorrected photorefractive keratectomy for myopia.

J. Refractive & Corneal Surgery.  1994; 10: 2: 174-177.

17. Whitehouse G,**Lawless MA,** Rogers CM.

Refractive keratoplasty for post graft astigmatism.

Australian & New Zealand Journal Ophthalmol.   1994; 22: 243-247.

18. Sutton G, Rogers CM., **Lawless MA.**

Cornea Plana.

Australian & New Zealand Journal Ophthalmology.  1995; 23: 74-75.

19. Sutton G, Kalski R, **Lawless MA,** Rogers CM.

Excimer retreatment for scarring & Regression following PRK for myopia.

British Journal of Ophthalmology.  1995; 79: 756-759.

20. Kalski R, Sutton G, Bin Y, **Lawless MA,** Rogers CM.

 A comparison between 5mm & 6mm ablation zone PRK for low myopia.

J.of Refractive Surgery.  1996; 12: 61-67.

21. Kalski R, Sutton G, **Lawless MA,** Rogers CM.

Multiple excimer laser retreatments for scarring & myopic regression following photorefractive keratectomy.

J. Cataract Refractive Surgery. 1996; 22: 6: 752-754.

22. Kalski RS, Danjoux J-P, Fraenkel GE, **Lawless MA,** Rogers CM.

Intraocular lens proven calculations for cataract surgery after PRK for high myopia.

J. Refractive Surgery 1997 13:4:  362-366.

23. Danjoux J-P, Kalski RS, Cohen PC, **Lawless MA,** Rogers CM.

Excimer laser PRK for hyperopia

J. Refractive Surgery.  1997 13:4:  349-355.

24. Danjoux J-P, Fraenkel G, **Lawless MA,** Rogers CM.

 Treatment of myopic astigmatism with the Summit Apex Plus excimer laser.

J. Cataract Refractive Surgery.  1997 23:  472-478.

25. Danjoux J-P, Fraenkel G, Wai D, Conway M, Eckstein R, **Lawless MA.**

Corneal scarring and irregular astigmatism following refractive surgery in a corneal transplant.

Aust. and NZ Journal of Ophthalmology.  1998.  26, 47-49.

26. **Lawless MA,**

Refractive surgical problem:  scarring after hyperopic PRK.

J. Cataract and Refractive Surgery.  1998:  24:  14-15.

27. Fraenkel GE, Cohen PR, Sutton GL, **Lawless MA,** Rogers CM

Central focal interface opacity after laser insitu keratomileusis

Journal of Refractive Surgery 1998;  5;  571-576

28. Fraenkel G, Webber SK, Sutton GL, **Lawless MA,** Rogers CM

Toric laser in situ keratomileusis for myopic astigmatism.

J. Refractive Surgery.  1999  15:  2:  111-117)

29. Webber SK, **Lawless MA,**Sutton GL, Rogers CM

Staphylococcal infection under a LASIK flap

Cornea;  1999  18:  3:  361-365.

30. Webber SK, **Lawless MA,** Sutton GS, Rogers CM.

LASIK for post-penetrating keratoplasty, astigmatism and myopia.

British Journal of Ophthalmology.  1999.  83;  9;  1013-1016.

31. Webber SK, Sutton GL **Lawless MA,** Rogers CM

Ring keratitis from topical anaesthetic misuse

Aust. and NZ Journal of Ophthalmology.  1999.  27:

32. **Lawless MA.**

Complications after 32 incision radial keratotomy.

Journal of Refractive Surgery.  1999.  15: 4: 493.

33. **Lawless MA,**

Refractive surgical problem:  haloes after high myopic LASIK.

J. Cataract and Refractive Surgery.  1999.  25: 612-613.

34. **Lawless MA,**

Guest Editorial:  Refining visual quality assessment in refractive surgery

J. Cataract and Refractive Surgery.  1999:  25:  8:  1031-1032

35. **Lawless MA,**

Long term refractive analysis of hyperopic PRK.

Ophthalmology.  1999:  106:  10:  1982-1983

36. Domniz Y, Sutton GL, **Lawless MA,** Rogers CM, Mclellan K, Clifton-Bligh P, Webber SK

Effects of homozygous on Apolipo protein A-1 deficiency on the cornea.

Brit J Ophthalmol 2000, 85 (11), 1321-1322

37**. Lawless MA**

Consultation Section; Refractive surgery problem.

J. Cataract and Refractive Surgery.  2000.  26; 8; 1108-1113

38. Domnitz Y, **Lawless MA,** Sutton GL, Rogers CM, Meagher LJ.

Successful treatment of paecilomyces lilacinus endophthalmitis following foreign body trauma to the cornea.

Cornea.  2001.  20:1:109-111

39. Domniz Y, Comaish I, **Lawless MA,** Sutton GL, Rogers CM, Eckstein RP, Collins M.

Epithelial ingrowth: Causes, prevention and treatment of five different cases.

J. Cataract and Refractive Surgery.  2001: 27: 1803-1811.

40. **Lawless MA**Consultation Section; Refractive Surgery Problems.

Journal Cataract and Refractive Surgery 2001. 27; 5: 653-658

41. Domniz Y, Comaish I, **Lawless MA,** Sutton GL, Rogers CM, Eckstein RP, Collins M.

Recutting the cornea versus lifting the flap: Comparison of two enhancement techniques following laser in situ keratomileusis

J. Refractive Surgery.  2001.  17:5: 505-510.

42. Webber SK, Domniz Y, Sutton GL, Rogers CM, **Lawless MA.**

Corneal Deposition following high dose Chlorpromazine Hydrochloride Therapy

Cornea.  2001. 20:2:217-219.

43. Domniz Y, Comaish I, **Lawless MA,** Webber SK, Rogers CM, Sutton GL.

LASIK for residual myopia following PRK

Journal of Cataract and Refractive Surgery.  2002.  28:5:775-781

44. Roberts TV, **Lawless MA**, Rogers CM, Sutton GL, Domniz Y.

The effects of laser assisted in situ keratomileusis on retinal nerve fibre layer measurements obtained with scanning laser polarimetry.

J. Glaucoma.  2002. 11(3): 173-176

45. Comaish I, **Lawless MA**

Phakic Intraocular Lenses

Current Opinion in Ophthalmology 2002, 13:1: 7-13

46. Comaish I, **Lawless MA**

Progressive post-LASIK keratectasia: Biomechanical instability or chronic disease process?

Journal of Cataract and Refractive Surgery 2002.  28:12:2206-2213.

47. **Lawless MA**

Refractive Surgery consultation: How do you best deal with mixed astigmatism?

Journal of Cataract and Refractive Surgery 2002.  28:5:738-741.

48. **Lawless MA**

Disabling Ghosting after LASIK.

Journal of Refractive Surgery 2002.  18: 3: 287-289.

49. McGhee CN, Ormonde S, Cohnen T, **Lawless M,** Brahma A, Comaish I.

The Surgical Correction of Moderate Hypermetropia: The Management Controversy.

British Journal of Ophthalmology 2002.  July; 86:7:815-822.

50. **Lawless MA**

Refractive Surgical Problem: Consultation section

Journal of Cataract & Refractive Surgery 2002.  28:11:1899-1900

51. Comaish I, **Lawless MA**

Conductive keratoplasty to correct residual hyperopia after previous corneal surgery.

Journal of Cataract and Refractive Surgery 2003:  29:1:202-206

52. **Lawless MA,**Hodge CB, Rogers CM, Sutton GL.

Laser insitu keratomileusis with Alcon Custom Cornea

Journal of Refractive Surgery 2003: 19:

53. Kim P, Briganti EM, Sutton GL, **Lawless MA,** Rogers CM, Hodge CB

LASIK for refractive error following cataract surgery

Journal of Cataract and Refractive Surgery 2005 May;31(5):979-86.

54. Comaish I, Fraenkel G, **Lawless MA,** Kelly MR, Webber SK, Sutton GL, Rogers CM, Dunn SM, Byth K.

Development of a questionnaire to assess subjective vision score in myopes seeking refractive surgery.

Journal of Refractive Surgery.  2004: 20:1:10-19

55. Hodge CB, **Lawless MA**

Corneal graft case study

Aust Fam Physician 2004: 33:5: 345-346

56. **Lawless MA,**Hodge CB

Wavefront’s role in corneal refractive surgery.

Clinical & Experimental Ophthalmology.  2005:33:199-209.

57. **Lawless MA,** Hodge CB

Laser Vision Correction.  Where are we in 2005?

Medicine Today.  2005:6:7:33-45.

58. Chan CK, Hodge C, **Lawless MA.**

Calculation of Intraocular Lens Power After Corneal Refractive Surgery

Clinical and Experimental Ophthalmology 2006: 34:640-644

59. **Lawless MA,** Potvin RJ,

Fulfilling the Promise of Laser Refractive Surgery

Journal of Refractive Surgery.  2006: 22:9:965-968.

60. **Lawless MA**

Refractive Surgery Consultation

Journal of Refractive Surgery.  2007: 33:9:1507.

61. Hodge C, **Lawless MA.**

Ocular emergencies: a review.

Australian Family Physician. 2008. vol 37 (7): 506-509.

62. Hodge C, Sutton GL, **Lawless MA,** Rogers CM

 Photorefractive Keratectomy with Mitomycin C After Corneal Transplantation for Keratoconus.

 Journal of Cataract and Refractive Surgery. 2011; 37:1884-1894.

63. Saad A, Hodge C, **Lawless MA,** Gatinel D

 Retrospective Testing of a New Method for Detecting Ectasia Susceptible Corneas.

 Journal of Cataract and Refractive Surgery. 2011 Volume 37: 1907-1908

64. Hodge C, **Lawless MA,** Sutton GL

 Keratectasia Following LASIK in a Patient with Uncomplicated PRK in the Fellow Eye.

 Journal of Cataract and Refractive Surgery . 2011; 37:603-607.

65. Roberts T, Sutton G, **Lawless M**, Jindal-Bali S, Hodge C.

Capsular block syndrome associated with femtosecond laser-assisted cataract surgery.

Journal of Cataract and Refractive Surgery . 2011; 37:11:2068-2071.

66. **Lawless MA,** Hodge C

 Femtosecond Laser Cataract Surgery: An Experience from Australia

 Asia-Pacific Journal of Ophthalmology. 2012;1: 5Y10

67. Bali SJ, Hodge C, **Lawless MA,** Roberts TV, Sutton G.

 Early Experience with the Femtosecond Laser for Cataract Surgery.

 Ophthalmology 2012;119: 891- 899.

68. Hodge C, Bali-Jindal S, Chan CC, Jacobs M, Chen S, Ng D. Roberts T, Sutton G, Hughes P, **Lawless MA.**

Femtosecond Cataract Surgery: A Review of Current Literature and the Experience from an Initial Instillation.

 Saudi Journal of Ophthalmology. Jan-Mar 2012: 26 (1):73-78

69. Roberts TV, Sutton G, lawless M, Bali S, Hodge C

Hydrorupture of the posterior capsule in femtosecond-laser cataract surgery. Reply letter

Journal of Cataract and Refractive Surgery. 2012:38 (3):730

70. Roberts T, **Lawless M,** Bali S, Hodge C, Sutton G.

 Safety and Efficacy of Femtosecond Laser Cataract Surgery

 A Prospective Study of 1500 Consecutive Cases.

 Ophthalmology 2013; 120 (2): 227-233

71. Roberts TV, **Lawless M**, Chan CC, Jacobs M, Ng D, Bali S, Hodge C, Sutton G.

 Femtosecond Laser Cataract Surgery: Technology and Clinical Practice.

 Clinical Experimental Ophthalmology. 2013; 41 (2):180-6

72. **Lawless M**, Bali SJ, Hodge C, Roberts TV, Chan C, Sutton G.

Outcomes of femtosecond laser cataract surgery with a diffractive multifocal intraocular lens.

Journal Refractive Surgery 2012; 28:12:859-864

73. Roberts TV, **Lawless M**, Hodge C

Management of small, irregular pupil in laser cataract surgery: A case report

J Cataract Refract Surg   2013 Dec 39(12):1921-4

**74. Lawless M**, Hodge C

LASIK

International Ophthalmology Clinics 2013 Jan 53(1):111-128

75. Roberts TV, **Lawless M,** Sutton G, Hodge C.

Letter: Hydrodissection techniques during femtosecond laser-assisted cataract surgery.

J Cataract Refract Surg   2014 Apr 40(4):692-3

77: Roberts TV, **Lawless M,** Chan CC, Jacobs M, Ng D, Bali SJ, Hodge C, Sutton G

Letter Response: Femtosecond Laser Cataract Surgery

Clin Exp Ophthalmol 2014 Jul 12. doi: 10.1111/ceo.12168.

78: Martin AI, Hodge C, **Lawless M**, Roberts T, Hughes P, Sutton G

Femtosecond laser cataract surgery: challenging cases.

Curr Opin Ophthalmol 2014 Jan;25 (1):71-80

79. Sutton GL, **Lawless MA**, Hodge C

LASIK in 2012: A review

Clin Exp Optom 2014 Jan;97 (1):18-29.

80. Sutton G, **Lawless M**

Looking beneath the surface

Clin Exp Ophthalmology, 2014. 42:4:309-310

81. [Ophthalmology.](http://www.ncbi.nlm.nih.gov/pubmed/24491643) 2014 May;121 (5):979-87.

A comparison of lamellar and penetrating keratoplasty outcomes: a registry study.

[Coster DJ](http://www.ncbi.nlm.nih.gov/pubmed?term=Coster%20DJ%5BAuthor%5D&cauthor=true&cauthor_uid=24491643), [Lowe MT](http://www.ncbi.nlm.nih.gov/pubmed?term=Lowe%20MT%5BAuthor%5D&cauthor=true&cauthor_uid=24491643), [Keane MC](http://www.ncbi.nlm.nih.gov/pubmed?term=Keane%20MC%5BAuthor%5D&cauthor=true&cauthor_uid=24491643), [Williams KA](http://www.ncbi.nlm.nih.gov/pubmed?term=Williams%20KA%5BAuthor%5D&cauthor=true&cauthor_uid=24491643); [Australian Corneal Graft Registry Contributors](http://www.ncbi.nlm.nih.gov/pubmed?term=Australian%20Corneal%20Graft%20Registry%20Contributors%5BCorporate%20Author%5D) (including **Lawless M**)

82. US Ophthalmic Review*,* 2014;7(2):Epub ahead of print.

Femtosecond Laser-assisted Cataract Surgery

**Lawless M**, Bala C

 **C. Educational Booklets**

1. Ophthalmic microsurgery Handbook

With D. Coster, Flinders Medical Centre

1986.

2. Ophthalmic Microsurgery Handbook.

Royal North Shore Hospital

1988.

3. Troutman RC, **Lawless MA.**

Penetrating keratoplasty versus epikeratophakia for keratoconus.

In Proceedings of the World Cornea Congress, Washington, May, 1987.

4. **Lawless MA.**

Excimer laser photorefractive keratectomy.

Chirugia International.  1994; 5: 12-16.

5. **Lawless MA**

Epithelial ingrowth

Cataract and refractive surgery today Dec 2001

**D. Non peer reviewed publications**

 I have written literally many hundreds of requested articles and comments for the non peer reviewed literature within ophthalmology

**E: Book Chapters**

1. Penetrating keratoplasty or epikeratophakia for keratoconus.

 **Lawless MA,** Troutman R.

Cataract & Refractive Microsurgery.  Eds: Maumenee A, Stark W, Esente I.

Fogliazza Editore. 1989;  281-284.

2. Techniques for the correction of high grade astigmatism.

**Lawless MA,**Troutman R.

Cataract & Refractive Microsurgery:  Eds: Maumenee A, Start W, Esente I.

Fogliazza Editore. 1989;  329-336.

3. Myopia.

**Lawless MA.**

Mims Annual.  Ed: Tuckwell K.

Medimedia Australia. 1995; 331-333.

4. Principles and Practice of Refractive Surgery

**Lawless MA.**

Textbook of Refractive Surgery. Eds: Elander R, Rich L, Robin J.

W B Saunders & Co.  1997;  579-586.

5. Hyperopic PRK

**Lawless MA.**

Surgery for Hyperopia and Presbyopia.  Eds: Sher N.

Williams and Wilkins Inc.  1997; 79-90.

6. Hyperopic LASIK with the Summit Apex Plus Laser.

**Lawless MA,** Sutton GL

The Art of LASIK.  Eds: Machat JJ, Slade SG, Probst LE

Slack Inc. 1998;  317-325

7. Astigmatic Photorefractive Keratectomy using an Ablatable Mask. P319-326.

**Lawless MA,** Danjoux J-P.

Refractive Surgery.  Eds:, Steinert R, Slade S, Thompson V, Hersh P, Wu H.

Thieme Medical Publishers Inc. New York. 1998; 317-326

8. Hyperopic Photorefractive Keratectomy using an ablatable mask

**Lawless MA,**Danjoux J-P.

Refractive Surgery.  Eds: Steinert R, Slade S. Thompson V, Hersh P, Wu H.

Thieme Medical Publishers Inc. New York. 1999; 327-336.

9. Reis-Bückers Corneal Dystrophy

**Lawless MA,**Webber SK.

Current Ocular Therapy 5th Edition.  Eds: Fraunfelder FT, Roy FH.

W B Saunders & Co. 1999; p375-376

10. Complex LASIK Cases

**Lawless MA**

The Art of LASIK.  Eds: Machatt JJ, Slade SG, Probst LE

Slack Inc. 1998; p481-508

11. Hyperopic LASIK with the Summit Apex Plus Laser

**Lawless MA,**Sutton GL.

The Art of Lasik.  Eds: Machatt JJ, Slade SG, Probst LE.

Slack Inc. 1998; p317-325.

12. LASIK with keratoconus

 **Lawless MA,**Webber SK

 Complex Cases with LASIK.  Eds:Probst LE.

 Slack Inc. 1999; p23-26.

13. Recurrent epithelial ingrowth

**Lawless MA,**Webber SK, Sutton GL.

Complex Cases with LASIK.  Eds: Probst LE

Slack Inc. 1999; p237-244.

14. Focal Interface Inflammation

**Lawless MA,** Webber SK

Complex Cases with LASIK.  Eds: Probst LE

Slack Inc. 1999; P307-310.

15. Interface infection

**Lawless MA,**Webber SK

Complex Cases with LASIK.  Eds: Probst LE

Slack Inc. 1999; p321-326.

16. Loss of cap requiring penetrating keratoplasty

**Lawless MA,**Webber SK.

Complex Cases with LASIK.  Eds: Probst LE

Slack Inc. 1999; p335-338.

17. LASIK for post PK astigmatism

**Lawless MA,**Webber SK

Complex Cases with LASIK.  Eds: Probst LE

Slack Inc. 1999; p379-382

18. LASIK; Advanced techniques and complex cases

**Lawless MA.**

Custom Cornea with LADARVision

Ophthalmology Interactive: 2000 (CD ROM)

19. LASIK;  Update on infection after LASIK.  What is the standard of care?

**Lawless MA**

Ophthalmology Interactive: 2000 (CD ROM)

20. Diffuse lamellar keratitis

**Lawless MA**

Refractive Surgery 2000: Shaping the new Millennium.

21. Comaish I, **Lawless MA**

Myopia, Hyperopia and other refractive errors.

MIMS Annual 2001

22. Comaish I, **Lawless MA**

 Refractive Surgery

 MIMS Annual 2001.

23. Comaish I, **Lawless MA**

 Complications of contact lenses

 MIMS Annual 2001

24. **Lawless MA**

Proceedings of the 17th Congress of the Asia Pacific Academy of Ophthalmology 2001.

Mosman Communications Inc ISBN 971-92355-0-0

 Visual Quality and Its Relevance to Refractive Surgery.  Pages 876-879.

25. **Lawless MA**.

Proceedings of the 17th Congress of the Asia Pacific Academy of Ophthalmology 2001.

Mosman Communications Inc ISBN 971-92355-0-0

– Post-operative Management and Complications of PRK.  Pages 880-883.

26. **Lawless MA**

Refractive Surgery 2001: New Horizons and New Options.

American Academy of Ophthalmology

Complications of Hyperopic LASIK.  Pages 145-151.

27. **Lawless MA**

Quality of vision after LASIK

Slack Inc.  Editors Brint S, Burratto L

Custom LASIK: Surgical Techniques and Complications

Pages 484-488

28. **Lawless MA,**Hodge CB

Intralase: Is it best for LASIK?

Slack Inc.  Editor Probst L.

LASIK-Advances, Controversies and Custom

2004. Pages 403-408

29. **Lawless MA,**Hodge CB

LASIK versus PRK

Slack Inc.  Editor Probst L.

LASIK-Advances, Controversies and Custom

2004. Pages 391-396

30. **Lawless MA,**

Microstriae: When to Treat and When Not to Treat.

Refractive Surgery 2006 – Sub Specialty Day

American Academy of Ophthalmology

2006. Pages 98-99.

31. **Lawless MA**

Mastering Refractive IOLs – The Art and Science

Editor – David Chang

Laser Vision Correction after Multifocal Intraocular Lenses

Slack Inc. 2008

32. **Lawless MA,** Hodge C

Phakic Posterior Chamber Lenses

Corneal Surgery – Theory, Technique and Tissue

Fourth Edition – Brightbill 2009

Mosby Elsevier

Chapter 100 pages 903-912.

33. **Lawless MA**, Hodge C

 Global Implications of Laser Cataract Surgery.

Textbook of Laser Refractive Laser Assisted Cataract Surgery

Editors - Ronald R. Krueger, Jonathan H. Talamo, Richard L. Lindstrom

Springer; 2013 edition ISBN: 978-1-4614-1009-6

Pages 189-198

34. Nagy ZZ, **Lawless MA**

Posterior Capsular Rupture: A Practical Guide to Prevention and Management

Editor: A. Agarwal

Publisher: Slack Incorporated. ISBN 10 1-61711—071-X 2014

Chapter 14: Femtosecond Laser Refractive Cataract Surgery and Posterior Capsular Rupture.

35. **Lawless MA**

Cataract Surgery in Diseased Eyes

Editor: A Chakrabarti

Publisher: Jaypee Bros Medical Publishers ISBN 9789351520924

Femtosecond Laser Cataract Surgery in Diseased Eyes

Pages: 180-189

**PRESENTATIONS AND INVITED LECTURES**

**A. Presentations**

1. Organised and presented the first Ophthalmic Microsurgical course at

Flinders Medical Centre with Professor Douglas Coster.

June, 1986.

2. Course Instructor:  Corneal Microsurgery.

American Academy of Ophthalmology, New Orleans, USA.

November, 1986.

3. The surgical treatment of keratoconus.

Grand Rounds lecturer, Manhattan Eye Ear & Throat Hospital, New York, USA.

January, 1987.

4. Keratoplasty for keratoconus.

The Third World Cornea Congress, Washington, USA.

April, 1987.

5. Course Instructor:  Corneal Microsurgery.

American Academy of Ophthalmology, Dallas, Texas, USA.

November, 1987.

6. The role of Epikeratophakia in the treatment of keratoconus.

5th Annual Eye Bank Lecture, Adelaide, SA.

April, 1988.

7. Epikeratophakia.  A new surgical technique.

Royal North Shore Hospital.

March, 1988.

8. Chairman, 1st Annual Microsurgery Course.

Royal North Shore Hospital.

May, 1988.

9. The cornea as an optical element.

FRACO Course, Sydney.

July, 1988.

10. Surgery to correct Post Penetrating Keratoplasty astigmatism.

RACO Congress, Sydney

November, 1988.

11. Penetrating keratoplasty or Epikeratophakia for keratoconus -

RACO Congress, Sydney.

November, 1988.

12. Course Instructor:  Corneal Microsurgery.

American Academy of Ophthalmology, Las Vegas.

October, 1988.

13. Corneal refractive procedures.

Eye Bank Association Meeting, Adelaide, SA.

March, 1989.

14. Chairman.  2nd Annual Ophthalmic Microsurgery Course.

Royal North Shore Hospital.

May, 1989.

15. Corneal Transplantation.

Royal North Shore Hospital Medical Society.

May, 1989.

16. The cornea as an optical element.

FRACO Course.  Save Sight & Eye Health Foundation.  Sydney.

July, 1989.

17. Conditions requiring corneal transplantation.

Sydney Eye Hospital Transplantation Seminar.

June, 1989.

18. Course Instructor:  Corneal Transplantation and the correction of corneal astigmatism.

American Academy of Ophthalmology, New Orleans, USA.

November, 1989.

19. Advances in corneal Surgery.

AGM Orthoptic Society of Australia.  RAHC, Sydney.

February, 1990.

20. Lecturer Ophthalmology.

RACGP, St Leonards.

March, 1990.

21. Keratorefractive Surgery.

AGM Ophthalmic Nurses Association of Australia.

Sydney Eye Hospital.

May, 1990.

22. Raised IOP in penetrating keratoplasty.

SA Lions Eye Bank Meeting, Adelaide, SA.

June, 1990.

23. The role of corneal biopsy in microbial keratitis.

RACO Congress, Melbourne.

October, 1990.

24. The role of aphakic epikeratoplasty in childhood.

NSW RACO Meeting, Terrigal.

March, 1991.

25. Hard lens solutions & maintenance

 Current contact lens practice and refractive surgery.

 Sebel Town House, Sydney, RACO.

 June, 1991.

26. Giant Papillary Conjunctivitis.

 Current contact lens practice and refractive surgery.

 Sebel Town House, Sydney, RACO.

 June, 1991.

27. Corneal Vascularisation.

 Current contact lens practice and refractive surgery.

 Sebel Town House, Sydney, RACO.

 June, 1991.

28. Cornea as an optical element. Part One FRACO Course.

 Sydney.

 June, 1991.

29 Advances in lasers in Ophthalmology

 Royal North Shore Hospital Clinical Update Meeting.

 November, 1991.

30. Moderator OPSM Contact Lens Seminar.

 Sydney.

 May, 1992.

31. The cornea as an optical element.

 Save Sight & Eye Health Institute.

 Sydney.

 June, 1992.

32. Phototherapeutic keratectomy for Reis-Bucklers dystrophy.

 II Annual Excimer Laser Meeting.

 Switzerland.

 September, 1992.

33. Excimer laser photorefractive keratectomy for high myopia.

 24th Annual RACO Meeting, Sydney.

 November, 1992.

34. PMMA as a preferred IOL material

 24th Annual RACO Meeting, Sydney.

 November, 1992.

35. Excimer laser photorefractive keratectomy.

 Guest Lecturer Western Australian RACO

36 The Limits of PRK,

 South Australian Eye Bank Meeting, Adelaide.

 March, 1993.

37. Photorefractive keratectomy for high myopia.

First Annual SNEC meeting, Singapore.

38. One year follow up of photorefractive keratectomy.

First Annual SNEC meeting, Singapore.

April, 1993.

39. Retreatment following excimer laser photorefractive keratectomy.

III Annual excimer laser meeting, Switzerland.

September, 1993.

40. Retreatment following excimer laser photorefractive keratectomy.

RACO Congress, Hobart.

November, 1993.

41. Photorefractive keratectomy for high myopia.

ISRK, Chicago, USA.

November, 1993.

42. Retreatment following excimer laser photorefractive keratectomy.

ISRK, Chicago, USA.

November, 1993.

43.  A three year overview of photorefractive keratectomy.

South Australian Lions Eye Bank Association, Adelaide.

March, 1994.

44. The cornea as an optical element.

Lions Save Sight Institute, Sydney.

June, 1994.

45. PRK for high myopia.

ISRK, San Francisco, USA.

November, 1994.

46. Multizone techniques for high myopia.

Adelaide Eye Bank Meeting, South Australia.

March, 1995.

47. Excimer laser treatment for hyperopia.

ISRS, Atlanta, USA.

October, 1995.

48. Measuring IOL power after PRK

ICIMRK, Perth,

November, 1996

49. Concepts in the surgical management of astigmatism

ICIMRK, Perth,

November, 1996

50. Toric LASIK

ISRS World Refractive Symposium

Orlando, Florida

June, 1997

**B. Invited lectures**

1.  **Guest speaker, New York Ophthalmological Society**, October, 1986.

 The role of Epikeratophakia in Keratoconus

2. **AGM, Australian Society of Spectacle Makers, Sydney**, November, 1989

Refractive Surgery

3. **RACS Twilight meeting, University of Sydney,**March, 1990

 Keratorefractive surgery

4. **Guest lecturer.  South Australia RACO**, April, 1992

Excimer laser photorefractive keratectomy.

5. **Guest speaker**. **Surfers Paradise, Qld. RACO meeting**, July, 1996

Multiple refractive topics

6. **Invited speaker**, **ISRS, Minneapolis, USA**, July, 1996

Multiple refractive topics

7. **Invited speaker**, **ISRS, Chicago, USA**, October, 1996.

Hyperopia refractive management

8. **Invited speaker**, **AAO, Chicago, USA**, October, 1996.

Refractive Surgery in Australia

9. **Cossums, Sydney**, December, 1996

Concepts in astigmatism management

10. **Slade Memorial Lecture, Adelaide, South Australia**, March, 1997

The evolution of refractive surgery

11. **Invited Lecture, Newcastle**, June, 1997

 Refractive surgery.  Risks and benefits

12. **Invited Guest Lecturer, British and European Excimer Laser Keratorefractive Society,**Harrowgate, United Kingdom, March 5th, 6th, 1998

13. **Invited Guest Lecturer, The New England Division of Medicine,**Inverell, NSW, May 16th, 1998

 Refractive Surgery, is it safe and effective?

14. **Royal Eye and Ear Hospital,**Alcon Visiting Professor

 Melbourne, Victoria, June 16th, 1998

15. **The Royal Australian College of Ophthalmologists,**Queensland meeting, October, 1998

 Visual Quality and its relevance to refractive surgery

16. **American Academy of Ophthalmology,**New Orleans, USA, November, 1998

Visual quality and its analysis

 LASIK after PRK

 Refractive surgery following corneal transplantation

17. **Guest Lecturer**, International Conference on Myopia, **Taipei, Taiwan**, November, 1998

Visual quality and the complications of LASIK

18. **Guest Lecturer Refractive Surgery, Asia Pacific Academy of Ophthalmology,**

Manilla, Philippines, March, 1999.

Visual Quality and its Relationship to Refractive Surgery

The Complications of LASIK

19. **Guest Lecturer, American Society of Cataract and Refractive Surgery,**Seattle, USA, April, 1999.

Visual quality and its measurement.

Complications with refractive surgery

20. **Invited Lecturer, World Refractive Surgery Symposium,**

Miami, Florida, USA, July, 1999.

21. **Guest Lecturer on Refractive Topics, ISRS and American Academy of Ophthalmology**, Orlando, Florida, USA, November, 1999

22. **Guest Lecturer, Global Refractive Education Meeting**

 Rougin Hospital, Shanghai, China, April, 2000

23. **Invited Guest Lecturer, American Society of Cataract and Refractive Surgery**

 Boston, Massachusetts, USA, May, 2000

24. **Invited Guest Lecturer, International Society of Refractive Surgery Mid Summer Meeting**

 Miami, Florida, USA,  July, 2000

25. **Invited Guest Lecturer, American Academy of Ophthalmology Meeting**

International Society of Refractive Surgery Meeting, Dallas, Texas, USA, October 2000

Retreatment strategies after refractive surgery.

Maximising visual quality with refractive surgery.

Co-Management.  A controversy in ophthalmology.

Conductive keratoplasty.  A new technique for low hyperopia.

26. **Invited Guest Lecturer,**Tokyo, Japan, November 2000

Maximising visual quality in refractive surgery in the year 2000.

27. **Invited Lecturer, Royal Australian College of Ophthalmologists Congress**, Sydney, November 2000

How to avoid the complications of LASIK

Determining intraocular implant power following previous corneal refractive surgery

28. **Invited Guest Lecturer, Singapore National Eye Centre 10th Anniversary International Congress**, December 2000

Maximising visual quality with the SKBM and LADARVision systems.

Into the future with laser trackers.

29. **Invited Lecturer and Organiser of Myopia Symposium,** **Lions Eye Bank Meeting** – Adelaide, South Australia, March 2001

30. **Invited Lecturer, American Society of Cataract and Refractive Surgery** San Diego, USA, April 2001

 Quality of vision in refractive surgery.

Conductive keratoplasty: The international data.

Custom cornea and what it means for visual improvement.

LADARVision and how to achieve the best visual results with refractive surgery.

The implantable contact lens: The great debate.

Avoiding the intraoperative complications of LASIK.

Thermal corneal treatments to enhance previous refractive surgery.

31. **Invited Lecturer, Royal Australasian College of Physicians**: Update in ophthalmology, Sydney, May 2001.

32. **Invited Lecturer, Alcon International Impact meeting**, Sydney, Australia, June 2001

Maximising visual acuity with LADARVision.

33. **Invited Lecturer, European Society of Cataract and Refractive Surgery**, Amsterdam, September, 2001

The Role of Conductive Keratoplasty in Hyperopia

34. **Invited Lecturer, RSIG Pre American Academy of Ophthalmology Meeting**

 New Orleans, November 2001

Complications of Hyperopic LASIK

35. **Invited Lecturer, ISRS Meeting**, New Orleans, November 2001

 Centration Over the Entrance Pupil is Best

 LADARVision for Mixed Astigmatism

36. **Guest Lecturer,  Alcon Specialty Day, American Academy of Ophthalmology**, New Orleans, November 2001

 Scanning and Tracking Lasers.  The difference it can make

37. **Guest Lecturer, International Congress of Ophthalmology,**Sydney, April 2002

 LADARVision;  The way forward in refractive surgery

 Global overview of refractive surgery

38. **Guest Lecturer, 20th Joint Singapore/Malaysia Ophthalmology meeting**, Singapore May 2002.

Custom Cornea Clinical results.

Management of flap complications

39. **Guest Lecturer, American Academy of Ophthalmology**, Orlando, Florida, October 2002

Key Considerations in the transition to Custom Cornea

Conductive Keratoplasty as an enhancement technique

40. **Invited Speaker, RANZCO**, Canberra, November 2002

Decision Making in the Surgical Management of Hyperopia.

41. **Invited Speaker, ASCRS**, San Francisco, April 2003

 Custom Cornea Ablations: Visual Quality Results

42. **Invited Speaker, AUSCRS**, Port Douglas, Queensland, July 2003

 Custom LASIK: The First Australian Results

43. **Invited Speaker, RANZCO**, Auckland, New Zealand, November 2003

 Custom LASIK and Visual Quality

 Determining IOL Power After Corneal Refractive Surgery.

44. **Invited Speaker, RANZCO**, Melbourne, November 2004

 Making sense of wavefront corneal refractive surgery.

 Understanding IOL powers after corneal refractive surgery

 IntraLase:  The preferred method of cap creation.

45. **Invited Speaker, Asia Pacific Academy of Ophthalmology**, Kuala Lumpur, Malaysia, March 2005

 The Evolution of Refractive Surgery

 The ReSTOR® pseudo-accommodative intraocular lens.

46. **Invited Speaker, ISRS/AAO**, Hong Kong, May 2005

 IntraLase: Can it make vision better?

 The ReSTOR® multifocal intraocular lens.

47. **Invited Speaker, AUSCRS**, Queenstown, New Zealand, August 2005

 Visual quality with the ReSTOR® intraocular lens

 IntraLase and wavefront technology.  A comparison study.

48.  I**nvited speaker, AAO/ISRS**, Chicago Oct 2005

ReSTOR® multifocal IOL results

49. **Invited Speaker, RANZCO**, Hobart, November 2005

 IntraLase and Custom Cornea.

 Update on military applications of refractive surgery.

 Post cataract surgery surprises and how to deal with them.

50. **Invited Speaker, World Ophthalmology Congress**, São Paulo, Brazil, February 2006

 IntraLase; can it really make vision better?

51. **Invited speaker, APAO**, Singapore June 2006

Innovations in refractive surgery

Clear lens extraction. Its time has come.

52. **Invited Speaker, AUSCRS**, Hayman Island, Australia, July 2006

 The way forward in corneal refractive surgery.

 AcrySof® toric intraocular lenses

 Improvements in calculating intraocular lens power after corneal refractive surgery.

53. **Invited Speaker, LADARVision Users Meeting**, Hong Kong, August 2006

LADAR 6000 Experience “The Refractive Practice”.

54. **Invited Speaker, RANZCO**, Sydney, November 2006

AcrySof Toric Intraocular Lens for Astigmatism Treatment in Conjunction with Cataract Surgery.

55. **Invited Speaker, American Academy of Ophthalmology**, Las Vegas, November 2006

 Complications of Phakic Posterior Chamber Intraocular Lenses.

 Microstriae:  When to Treat and When Not to Treat.

56. **Invited Speaker, AUSCRS**, Kingscliff NSW, July 2007

 AcuFocus Inlay Trial for Presbyopia

57. **Chairman – Optimising Refractive Surgery Outcomes**

 Perth 10 March 2008

 Adelaide 11 March 2008

 Melbourne 17 March 2008

 Sydney 18 March 2008

58. **Invited Speaker, Pfizer Ophthalmology Forum**, Sydney 3 May 2008

Milestones in Refractive Surgery 2008

59. **Invited Speaker, World Ophthalmology Congress**, Hong Kong June 2008

 Can we perform laser surgery in keratoconus?

 Surface ablation for post corneal transplant refractive errors

60. **Invited Speaker, AUSCRS** Coolum Queensland, July 2008

 Can we perform laser surgery in keratoconus?

 Surface ablation for post corneal transplant refractive errors

61. **Invited Speaker, American Academy of Ophthalmology**, Atlanta, November 2008

 Things I Have Done Differently in the Past Year in Vision Correction Surgery.

62. **Invited Speaker, RANZCO**, Melbourne, November 2008

 Progression in Vision Correction Surgery.  The Year in Review.

63. **Invited Speaker, Asia Pacific Academy of Ophthalmology**, Bali, May 2009

 Vision Correction Surgery: What’s New and Different.

64. **Invited Speaker, Pfizer Ophthalmology Forum**, Brisbane, June 2009

 What We Can Learn From Practice Patterns in The United States.

65. **Invited Speaker RANZCO, Bausch and Lomb Symposium**, Brisbane, November 2009

 Crystalens – The Australian Experience

66. **Invited Speaker RANZCO, Alcon Innovations Symposium**, November 2009

 2009 and the Year Ahead for Eye Surgery

67. **Invited speaker RANZCO**, Brisbane Nov 2009

 Phakic intraocular lenses

68. **Invited speaker, RANZCO annual conference**, Brisbane Nov 2009

Calculating IOL powers in refractive surgery patients

69. **Guest Speaker, Taiwan Ophthalmological Society**, Taiwan May 2010

Update on the Wavelight excimer laser

Management of the toric IOL patient

70. **Guest Speaker, Pfizer Ophthalmology Forum**, Sydney June 2010

 How to Choose the Correct Intraocular Lens.

 The Femtosecond Cataract Surgery in 2011.

71. **Invited Speaker, AUSCRS**, Cairns July 2010

Using the Crystalens Accommodative Intraocular Lens.

72. **Speaker, Alcon Asian Advisory Board**, Singapore August 2010

Moving Forward with Refractive Surgery – Both Lens and Laser.

73. **Guest Speaker and Refractive Convenor, Asia Pacific Academy of Ophthalmology**

Beijing September 2010

Thin Flap LASIK

 Phakic Intraocular Lenses

 The 20/20 Unhappy LASIK Patient.

74. **Invited Speaker, 28th Annual Australia and New Zealand Cornea Society meeting**,

 Sydney March 2011

Surgical Correction of Presbyopia: Nature Has Defeated Us.

75. **Invited Speaker, APAO**, Sydney March 2011:

 Laser Refractive Cataract Surgery

 The WaveLight Decision Tree

 Multifocal Intraocular Lenses

76. **Invited Speaker, The Asian Eye Institute,**

Manilla, Philippines September 2011:

 Advanced Technology Intraocular lenses

77. **Invited Speaker, American Academy of Ophthalmology**

 Orlando, Florida November 2011

 1. Femtosecond assisted cataract surgery: How will it change my practice?

 2. Capsular block syndrome – a new description with laser cataract surgery.

 3. Laser cataract surgery within a group practice.

78. **Invited Speaker, World Ophthalmology Conference**

Abu Dhabi, United Arab Emirates, February 2012

 1. Laser Cataract Surgery; Is it a value proposition?

 2. Femtosecond laser cataract surgery and toric intraocular lenses.

3. Femtosecond laser cataract surgery and the ReSTOR multifocal intraocular lens.

79. **Invited Speaker, Asia Pacific Academy of Ophthalmology**

Busan, South Korea, April 2012

 Multiple Lectures on Laser Cataract Surgery and Phakic Intraocular Lenses

80. **Invited Speaker, American Society of Cataract and Refractive Surgery** Chicago, United States of America, April 2012

 The Learning Curve in Laser Cataract Surgery

81. **Invited Speaker, Australian Society of Cataract and Refractive Surgery** Queenstown, New Zealand, August 2012

 Laser Cataract Surgery

82 **Guest Speaker, Corneal and Contact Lens Society, Australia**

September 2012

 Raising the Bar in Cataract Surgery

83. **Invited Speaker, American Academy of Ophthalmology**

Chicago, United States of America, November 2012

 Keynote lecture on The Future of Laser Refractive Lens Surgery

84. **Invited Speaker, American Academy of Ophthalmology**

Chicago, United States of America, November 2012

1. Complications and How to Avoid Them with Laser Cataract Surgery.

 2. Safety and Efficacy of Laser Cataract Surgery in a Single Surgeon Series.

85. **Invited Speaker, RANZCO Annual Meeting**

Melbourne, Australia, November 2012.

 1. Coordinator of Laser Cataract Surgery Symposium

 2. How a New Multifocal Lens Could Work in Your practice

 3. The Ethical Issues in the Introduction of New Surgical Techniques.

86. **Invited Speaker, APAO**

Hyderabad, India, January 2013.

 Multiple lectures regarding laser cataract and intraocular lens surgery.

87. **Guest Speaker**

Alcon Australia Wide Series of Lectures on Laser Cataract Surgery, March 2013.

 Lectures delivered in Brisbane, Adelaide, Melbourne, Sydney & Auckland New Zealand.

88. **Guest Speaker,**

Vietnam – Lectures delivered in Hanoi and Ho Chi Minh City, May 2013

Introduction of Femtosecond Laser Cataract Surgery.

89. **Guest**  **Speaker**

German Ophthalmological Society (DOC) on a variety of topics including;

 Dealing with Complex Cataract Surgery, Laser Cataract Surgery and Multifocal Intraocular Lenses.

90. **Guest Speaker**

Royal Society of Thailand Ophthalmologists, Bangkok, Thailand, June 2013.

 Laser Cataract Surgery and Multifocal Intraocular Lenses.

91. **Guest Speaker**

Australasian Society of Cataract and Refractive Surgery, Ayers Rock, Northern Territory, Australia, July 2013.

 A variety of topics including; Multifocal Intraocular Lenses and Laser Cataract Surgery.

92 **Invited Speaker**

 RANZCO Meeting Hobart, Tasmania, November 2013

 1. The Operating Room of the Future

 2. Experience with a Novel Patient Interface for Femtosecond Laser Cataract Surgery

 3. Organised Symposium on Laser Cataract Surgery: Going From Good to Better, and How to Use This Technology in Difficult Situations.

93. **Invited Speaker**

 Foresight Meeting, Hong Kong, July 2014

Lectures on Integrating Cataract Refractive Suite and the use of the Verion Image Guidance System.

94. **Moderator of the Session**

 Sydney Eye Hospital Alumni Meeting, Sydney, July 2014

Decision Making in Cataract Surgery, A video analysis of routine and complex cataract cases.

95. **Invited speaker**

 Alcon Tropsat, August 2014, Port Douglas, QLD

 Modern cataract surgery

96. **Invited speaker and session chair**

Various cataract topics.

**AUSCRS,** August 2014, Port Douglas. QLD

**Registered Clinical Trials**

I served as principal investigator in the following clinical trials:

2012-ongoing A Prospective, Randomised, Controlled, Proof of Concept Clinical Study for ACRYSOF IQ Achromatising Monofocal IOL in Cataract Patients.

2011 Visual Function Following Cataract Surgery in Monovision and Multifocal Patients.

2001-2002 The Implantable Contact Lens for Myopia Study (Staar, USA).

1999-2000 Conductive Keratoplasty for Hyperopia (as part of US FDA Submission).

1998-1999 Refractive Laser Surgery for Myopia and Hyperopia (as part of Summit USA submission to US FDA).