

Chris Hodge

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Qualifications:

2011-2015	The University of Sydney PHD (Medicine) Sydney Medical School Thesis title: Keratoconus: Diagnosis and characteristics in an Australian population. Thesis supervisor: Professor Gerard Sutton
1991-1994	The University of Sydney BAppSc (Orthoptics)

Professional Appointments

2017 – present	Clinical Senior Lecturer <i>The University of Sydney, Save Sight Institute, Discipline of Ophthalmology, Sydney Medical School</i>
2014 – present	Honorary Associate I Clinical Fellow <i>University of Technology Sydney, Graduate School of Health, Discipline of Orthoptics</i>
2015 – present	Hospital Scientist (Data & Innovation) <i>NSW Organ & Tissue Donation Service, Lions NSW Eye Bank</i>
2010 – present	Clinical research coordinator <i>Vision Eye Institute</i>
2004 - 2010	Team Leader <i>Vision Eye Institute</i>
1994 - 2004	Orthoptist <i>Dr Michael Lawless, Sydney Refractive Surgery Centre, The Eye Institute, Vision Eye Institute</i>

Research

Publications

H Index

Scopus: 19

Google Scholar: 27

Total citations 2,247 (GS) (February 2021)

Since 2003 I have co-authored 110 peer-reviewed journal articles, 6 book chapters and 32 published abstracts. First or corresponding author in 52 articles.

110. Lawless M, **Hodge C**, Sutton G, Barrett G. Total keratometry in intraocular lens power calculations in eyes with previous laser refractive surgery: Response. Clinical & Experimental Ophthalmology 2021 PMID: 33426776 (article in press)

109. You JJ, **Hodge C**, Hoque M, Petsoglou C, Sutton G. Human Platelets and Derived Products in Treating Ocular Surface Diseases – A Systematic Review. Clinical Ophthalmology 2020;14:3195-3210

108. Gunasekaran P, Fraser C, **Hodge C**. The learning effect of the King-Devick Test in semi-professional rugby union athletes. Journal of the Neurological Sciences 2020;419:117168

107. Levitz LM, **Hodge C**, Grzybowski A, Kim SJ. Dual therapy for cystoid macular edema treatment after phacoemulsification surgery. J Cataract Refract Surg. 2020 Aug 31
doi:10.1097/j.jcrs.0000000000000409

106. Lawless M, Jiang JY, **Hodge C**. Understanding chord mu through a large population-based study. Clinical & Experimental Ophthalmology 2020 May 27.
doi: 10.1111/ceo.13800. Online ahead of print.

105. Ghabcha M, Sutton G, Lawless M, Chan C, Petsoglou C, Treloggen J, **Hodge C**. Donation of discarded ocular tissue in patients undergoing SMILE laser refractive surgery: Developing appropriate guidelines. Cell & Tissue Banking 2020 21(4):605-613

104. Lawless M, Jiang JY, **Hodge C**, Sutton G, Roberts TV, Barrett G. Total keratometry in intraocular lens power calculations in eyes with previous laser refractive surgery. Clin Exp Ophthalmol. 2020;48(6):749-756

103. Hallett N, Yi K, Dick J, **Hodge C**, Sutton G, Wang YG, You J. Deep Learning Based Unsupervised and Semi-supervised Classification for Keratoconus. arXiv preprint arXiv 2020:2001.11653

102. Sutton G, Treloggen J, Petsoglou C, **Hodge C**. Twenty-year review of donor characteristics in a single eye bank. Clin Exp Ophthalmol. 2020;48(5):706-708

101. Ioannidis AS, Töteberg-Harms M, Hamann T, **Hodge C**. Refractive Outcomes After Trabecular Micro-Bypass Stents (iStent *Inject*) with Cataract Extraction in Open-Angle Glaucoma. Clin Ophthalmol. 2020 Feb 21;14:517-524.

100. Chan C, Lawless M, Sutton G, **Hodge C**. Retreatment in Laser in situ keratomileusis (LASIK): to lift or proceed to surface. J Refract Surg 2020 Jan 1;36(1):6-11.

99. Treloggen J, McKeon H, **Hodge C**, Petsoglou C. Ophthalmic use of amniotic membrane in Australia: introduction of service. Clin Exp Ophthalmol 2020 Mar;48(2):253-254.
98. Sutton G, **Hodge C**. Keratoconus Treatment: The Journey has just begun. Editorial. Clin Exp Ophthalmol 2019;47(8):978-979
97. Roberts TV, Plant A, **Hodge C**. Ophthalmic surgery teaching. Annals of Eye Science; Vol 4 (July 2019).
96. Burton O, Tenen A, **Hodge C**. First presentation of keratoconus in a geriatric patient: Diagnosis and treatment of late progression. J Cataract Refract Surg Case Reports <https://doi.org/10.1016/j.jcro.2019.09.004>
95. Kelman JC, **Hodge C**, Stanwell P, Mustafic N, Fraser CL. Retinal nerve fibre changes in sports-related repetitive traumatic brain injury. Clin Exp Ophthalmol 2020 Mar;48(2):204-211
94. Gunasekaran P, **Hodge C**, Fraser C. Persistent visual disturbances after concussion. Aust J Gen Pract 2019;48(8):531-536
93. Gunasekaran P, **Hodge C**, Pearce A, King D, Fraser C. A review of concussion diagnosis and management in Australian professional sporting codes. Phys Sportsmed 2019; 5:1-7 doi: 10.1080/00913847.2019.1624656.
92. Ling MLH, Wells M, Petsoglou C, Luo K, Georges P, Devasahayam R, **Hodge C**, Treloggen J, Sutton G, Zhu M. Factors impacting corneal organ culture contamination: a 6-year study at the New South Wales Tissue Bank. Cornea 2019;38(7):829-835
91. Levitz L, Reich J, **Hodge C**. Posterior capsular complication rates with femtosecond laser-assisted cataract surgery: a consecutive comparative cohort and literature review. Clin Ophthalmol 2018 Sep 6; 12:1701-1706 doi:10.2147/OPTH.S173089
90. Agarwal S, Thornell E, **Hodge C**, Sutton G, Hughes P. Visual Outcomes and Higher Order Aberrations Following LASIK on Eyes with Low Myopia and Astigmatism. Open Ophthalmol J. 2018;31;12:84-93
89. Lawless M, **Hodge C**. Ocular emergencies: prompt action can improve outcomes. Medicine Today 2018;19(5):40-49
88. Sutton G, **Hodge C**. Cataract Surgery: Update Australian Doctor March 2018 (<https://www.howtotreat.com.au/how-treat/cataracts>)
87. You JJ, Munoz-Erazo, Wen L, **Hodge C**, Madigan MC, Sutton G. In vitro effects of secreted frizzled-related protein 1 (SFRP1) on human epithelial cells. Curr Eye Res 2018;43(4):455-459

86. Lundstrom M, Dickman M, Henry Y et al. Femtosecond laser-assisted cataract surgeries reported to the European Registry of Quality Outcomes for Cataract and Refractive Surgery : Baseline characteristics, surgical procedure, and outcomes. *J Cataract Refract Surg* 2017;43(12):1549–1556 (**Contributor**)
85. You JJ, Frazer H, Wen L, **Hodge C**, Petsoglou C, Sutton G. RNA-Seq analysis and comparison of corneal epithelium in keratoconus and myopia patients. *Sci Report* 10th Jan 2018. 10.1038/s41598-017-18480-x
84. Lawless M, Levitz L, **Hodge C**. “Reviewing the visual benefits of femtosecond laser assisted cataract surgery: Can we improve our outcomes”. *Indian J Ophthalmol* 2017;65(12):1314-1322
83. Chen Z, You JJ, Liu X, Cooper S, **Hodge C**, Sutton G, Crook J, Wallace G. Biomaterials for corneal bioengineering. *Biomed Mater*. 2017 Oct 12. doi: 10.1088/1748-605X/aa92d2
82. Au YY, Sutton G, Vaddavalli P, Varma M, Fernandes M, Devasayaham R, Treloggan J, Cooper S, Petsoglou C, Machin H, **Hodge C**. Eye Banking in Myanmar: A review of services and the role of international non-profit community-based organizations transitioning Mandalay Eye Bank towards self-sufficiency. *Int J Eye Banking* 2017;5(2)
81. Roberts TV, **Hodge C**, Sutton G, Lawless M. Comparison of Hill-RBF, Barrett Universal and current third generation formulas for the calculation of intraocular lens power during cataract surgery. *Clin Exp Ophthalmol* 2018;46(3):240-246
80. Manning S, Barry P, Henry Y, Rosen P, Stenevi U, Young D, Lundström M. Femtosecond laser-assisted cataract surgery versus standard phacoemulsification cataract surgery: Study from the European Registry of Quality Outcomes for Cataract and Refractive Surgery. *J Cataract Refract Surg* 2016;42(12):1779-1790 (**Contributor**)
79. Lawless M, **Hodge C**, Reich J, Levitz L, Bhatt UK, McAlinden C, Roberts K, Roberts T. Visual and refractive outcomes following implantation of a new trifocal intraocular lens. *Eye Vis (Lond)* 2017;4:10 doi: 10.1186/s40662-017-0076-8. eCollection 2017
78. Tong J, Viswanatham D, **Hodge C**, Sutton G, Chan C, Males J. Corneal Collagen Crosslinking for Post-LASIK Ectasia: An Australian Study. *Asia Pac J Ophthalmol (Phila)*. 2017 Mar 29. doi: 10.22608/APO.2016197.
77. Martin AI, Devasahayam R, **Hodge C**, Cooper S, Sutton GL. Analysis of the learning curve for pre-cut corneal specimens in preparation for lamellar transplantation: a prospective, single centre, consecutive case series prepared at the Lions New South Wales (NSW) Eye Bank. *Clin Exp Ophthalmol* 2017 45(7) :689-694
76. Lu P, Sutton G, **Hodge C**. Unusual Deviations from Standard Postoperative Instructions and Subsequent Review of Protocol. *Aust Orth Journal* 2017 49;10

75. **Hodge C**, Sutton G, Devasahayam R, Georges P, Treloggen J, Cooper S, Petsoglou C. The use of donor scleral patch in ophthalmic surgery. *Cell Tissue Bank* 2017;18(1):119-128
74. Hughes P, **Hodge C**. Cataract: Vision loss, treatment and the role of the GP in patient assessment and care. *Medicine Today* 2016;17(12): 43-46
73. Hughes P, **Hodge C**. Laser refractive surgery: a guide for GPs. *Medicine Today* 2016;17(10):59-62
72. Roberts TV, Lawless M, Sutton G, **Hodge C**. Update and clinical utility of the LenSx femtosecond laser in cataract surgery. *Clin Ophthalmol.* 2016;17;10:2021-2029
71. You J, Wen L, Roufas A, **Hodge C**, Sutton G, Madigan MC. Corrigendum to "Expression of HGF and c-Met Proteins in Human Keratoconus Corneas". *J Ophthalmol* 2016;2016:4201505
70. Devasayhayem R, Georges P, **Hodge C**, Treloggen J, Cooper S, Petsoglou C, Sutton G, Zhu M. Implementation of Organ Culture storage of donor corneas: A three-year study of its impact on the corneal transplant wait list at the Lions New South Wales Eye Bank. *Cell Tissue Bank* 2016;17(3):377-385
69. Lauschke J, Lawless M, Sutton G, Roberts T, **Hodge C**. Assessment of corneal curvature using Verion Optical Imaging System - a comparative study. *Clin Exp Ophthalmol* 2016;44(5):369-76
68. Chan C, Lawless M, Sutton G, Versace P, **Hodge C**. SMILE in 2015: A review. *Clin Exp Optom* 2016;99(3):204-212.
67. You JJ, Wen L, Roufas A, **Hodge C**, Sutton G, Madigan M. Expression of HGF and c-Met Proteins in Human Keratoconus Corneas. *J Ophthalmol* 2015 (2015), Article ID 852986
66. **Hodge C**, Chan C, Zantos S, Kokkinakis J Stapleton F, Sutton G Therapeutic treatment of keratoconus: a survey of local optometric practice criteria. *Clin Exp Optom* 2015;98(4):312-318
65. Levitz L, Reich J, Roberts K, **Hodge C**. Evaluation of Toric Intraocular Lenses in Patients With Low Degrees of Astigmatism. *Asia Pac J Ophthalmol (Phila)* 2015;4(5):245-249
64. Roberts TV, Lawless M, Sutton G, **Hodge C**. Anterior Capsule Integrity after Femtosecond Laser Cataract Surgery. *J Cataract Refract Surg* 2015;41(5):1109-1110
63. **Hodge C**, McAlinden C, Chan C, Lawless M, Sutton G, Martin A Intraocular lens power calculation following laser refractive surgery. *Eye & Vision* 2015;2:7
62. Chen S, **Hodge C**, Sutton G, Versace P. Lacquer cracks developing after phakic intraocular lens implantation. *J Refract Surg* 2014;30(9):646-648

61. **Hodge C**, Chan C, Sutton G. Investigation of keratoconus in an Australian refractive population. *Clin Exp Ophthalmol*. 2014;42(8):796-798
60. Roberts TV, Sharwood P, **Hodge C**, Roberts K, Sutton G. Comparison of Toric Intraocular Lenses and Arcuate Corneal Relaxing Incisions to Correct Moderate to High Astigmatism in Cataract Surgery. *Asia Pac J Ophthalmol (Phila)* 2014;3(1):9-16
50. Martin AI, Hughes P, **Hodge C**. First report of femtosecond laser cataract surgery in a nanophthalmic eye. *Clin Exp Ophthalmol*. 2014;42(5):501-502
58. Roberts TV, Lawless M, Sutton G, **Hodge C**. Letter: Hydrodissection techniques during femtosecond laser-assisted cataract surgery. *J Cataract Refract Surg*. 2014;40(4):692-693
57. 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
56. Martin AI, **Hodge C**, Lawless M, Roberts T, Hughes P, Sutton G. Femtosecond laser cataract surgery: challenging cases. *Curr Opin Ophthalmol* 2014;25(1):71-80
55. Sutton GL, Lawless MA, **Hodge C**. LASIK in 2012: A review. *Clin Exp Optom* 2014;97(1):18-29
54. You J, **Hodge C**, Wen L, McAvoy JW, Madigan MC, Sutton G. Tear levels of SFRP1 are significantly reduced in keratoconus patients. *Mol Vis*. 2013;19:509-xxx.
53. Martin AI, Sutton G, **Hodge C**. The evolution of cataract surgery: controversies through the ages. *Asia Pac J Ophthalmol (Lond)* 2013;(4):213-216
52. Roberts TV, Lawless M, **Hodge C**. Laser-assisted cataract surgery following insertion of a pupil expander for management of complex cataract and small irregular pupil. *J Cataract Refract Surg* 2013;39(12):1921-1924
51. Tenen A, Roberts K, Sack J, **Hodge C**. Assessment of midperipheral anterior chamber depth in patient with posterior chamber phakic intraocular lens. *J Cataract Refract Surg* 2013;39(10):1611-1614
50. Roberts TV, Lawless MA, Bali SJ, **Hodge C**, Sutton G. Surgical Outcomes and Safety of Femtosecond Laser Cataract Surgery: A Prospective Study of 1500 Consecutive Cases. *Ophthalmology* 2013 Feb;120(2):227-33
49. Lawless M, Bali SJ, **Hodge C**, Roberts TV, Chan C, Sutton G. Femtosecond laser cataract surgery and diffractive multifocal intraocular lens: Visual and refractive outcomes in an initial series of eyes. *J Refract Surgery* 2012; 28:12:859-864
48. Lawless M, **Hodge C**. LASIK *Int Ophthalmol Clin* 2013;53(1):111-128

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46. Bali SJ, **Hodge C**, Chan C, Sutton G. Intracorneal ring segment re-implantation in keratectasia Asia Pac J Ophthalmol (Lond) 2012;(1):327-330
45. Roberts TV, Lawless M, Chan CC, Jacobs M, Ng D, Bali SJ, **Hodge C**, Sutton G. Femtosecond Laser Cataract Surgery: Technology and Clinical Practice. *Clin Exp Ophthalmol*. 2013;41(2):180-186
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44. Tenen A, **Hodge C**. Acute Onset Cataracts in an otherwise asymptomatic young patient as the initial presentation of Diabetes Mellitus. *J Cataract Refract Surg* 2012;38(10):1861-1863
43. Bali SJ, **Hodge C**, Chen S, Sutton G. Femtosecond laser assisted cataract surgery in phacovitrectomy Graefes Arch Clin Exp Ophthalmol. 2012;250(10):1549-1551
42. You JJ, Wen L, **Hodge C**, McAvoy J, Madigan M, Sutton G. Using Soy Bean Trypsin Inhibitor as an External Loading Control for Western Blot Analysis of Tear Proteins: Application to Corneal Disease. *Exp Eye Res*. 2012;99:55-62
41. Bali SJ, **Hodge C**, Lawless M, Roberts TV, Sutton G. Early Experience with the Femtosecond Laser for Cataract Surgery. *Ophthalmology*. 2012;119(5):891-899
40. **Hodge C**, Bali S, Sutton G, Chan C. A review of corneal melt following kerato-refractive surgery. *Clin Exp Optom*. 2013;96(1):14-19
39. Roberts TV, Sutton G, Lawless M, Bali S, **Hodge C**. Hydrorupture of the posterior capsule in femtosecond-laser cataract surgery Reply Letter: *J Cataract Refract Surg* Mar 2012;38(3): 730
38. Lawless, M, **Hodge C**. The introduction of femtosecond laser cataract surgery. *Asia Pac J Ophthalmol (Lond)* 2012(1);1-5
37. **Hodge C**, Bali-Jindal S, Chan CC, Jacobs M, Chen S, Ng D, Roberts T, Sutton G, Hughes P, Lawless M Femtosecond cataract surgery. A review of current literature and the experience from an initial installation. *Saudi J Ophthalmol* 2012; 26(1):73–78
36. Roberts TV, Sutton G, Lawless MA, Jindal-Bali S, **Hodge C**. Capsular block syndrome associated with femtosecond laser-assisted cataract surgery. *J Cataract Refract Surg*. 2011;37(11):2068-2070
35. Saad A, **Hodge C**, Lawless M, Gatinel D. Retrospective testing of a new method for the detection of ectasia susceptible corneas. *J Cataract Refract Surg* 2011; 37:1907-1908

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33. **Hodge C**, Lawless M, Sutton G. Keratectasia following LASIK in a patient with uncomplicated PRK in the fellow eye. J Cataract Refract Surg. 2011;37(3):603-607
32. Chan CC, **Hodge C**, Sutton G. External analysis of the Randleman Ectasia Risk Factor Score System: a review of 36 cases of post LASIK ectasia. Clin Exp Ophthalmol 2010;38(4):335-340
31. Roberts TV, **Hodge C**, Graham SL, Burlutsky G, Mitchell P. Prevalence of nocturnal oxygen desaturation and self-reported sleep-disordered breathing in glaucoma. J Glaucoma 2009;18(2):114-118
30. Sutton G, **Hodge C**, McGhee CN. Rapid visual recovery after penetrating keratoplasty for keratoconus. Clin Exp Ophthalmol. 2008;36(8):725-730
29. **Hodge C**, Lawless MA. Ocular emergencies: a review. Aust Fam Physician 2008;37(7): 506-509
28. Sutton G, **Hodge C**. Safety and Predictability in 1000 Consecutive IntraLase LASIK Procedures J Refract Surg. 2008;24:802-806
27. Chan CCK, **Hodge C**, Lawless M. Calculation of intraocular lens power after corneal refractive surgery. Clin Exp Ophthalmol 2006; 34:640-644
26. Lawless M, **Hodge C**. Laser vision correction: where are we in 2005? Medicine Today 2005;6(7): 33-43
25. Kim P, Briganti EM, Sutton GL, Lawless MA, Rogers CM, **Hodge C**. Laser in situ keratomileusis for refractive error after cataract surgery. J Cataract Refract Surg 2005;31(5): 979-986
24. Lawless M, **Hodge C**. Wavefront's role in corneal refractive surgery. Clin Exp Ophthalmol 2005; 33:199-209
23. **Hodge C**, Roberts T. Pregnancy and ocular complications. Aust Fam Physician. 2004;33(12):1023-1024
22. **Hodge C**, Ng D. Dry eyes, menopause, and hormone therapy. Aust Fam Physician 2004;33(11):931-932
21. **Hodge C**, Lawless M. Presbyopia. Aust Fam Physician 2004;33(10):841-842
20. **Hodge C**, Friedrich J. Pupil disorder. Aust Fam Physician 2004;33(9):729-730

19. **Hodge C**, Roberts T. Developmental disability. Aust Fam Physician 2004;33(8):632-633
18. **Hodge C**, Ng D. Itchy eyes. Aust Fam Physician 2004;33(7):531-532
17. **Hodge C**, Dunlop A. Unilateral red eye. Aust Fam Physician 2004;33(6):443-444
16. **Hodge C**, Lawless M. Corneal graft. Aust Fam Physician 2004;33(5):345-346
15. **Hodge C**, Roberts T. Obesity case study. Aust Fam Physician 2004;33(4):257-258
14. **Hodge C**, Friedrich J. Tennis ball injury. Aust Fam Physician 2004;33(3):159-160
13. **Hodge C**, Ng D. Improved reading vision. Aust Fam Physician 2004;33(1/2):53-54
12. **Hodge C**, Martin F. Sudden onset double vision. Aust Fam Physician 2003;32(12):1016-1017
11. Lawless MA, **Hodge C**, Rogers CM, Sutton GL. Laser in situ keratomileusis with Alcon CustomCornea. J Refract Surg 2003;19: S691-S696
10. **Hodge C**, Martin P. Thyroid eye disease. Aust Fam Physician 2003;32(11):939-940
9. **Hodge C**, Roberts TV. Flashes and floaters. Aust Fam Physician 2003;32(10):851-852
8. **Hodge C**, Molloy A, Rogers CM. Sterile corneal infiltrates - contact lens case study. Aust Fam Physician 2003;32(9):748-749
7. **Hodge C**, Roberts TV. Glaucoma. Aust Fam Physician 2003;32(8):643-644
6. **Hodge C**, Friedrich J. Diabetes case study. Aust Fam Physician 2003;32(7):537-538
5. **Hodge C**, McKay D. Increasing visual disturbances. Aust Fam Physician 2003;32(6):459-460
4. **Hodge C**, Friedrich J. Chronic red eye. Aust Fam Physician 2003;32(5):353-354
3. **Hodge C**, Sutton G. Dry eyes. Aust Fam Physician 2000;32(4):265-266
2. **Hodge C**, Martin P. Droopy eyelid. Aust Fam Physician 2003;32(3):159-160
1. **Hodge C**, Roberts T, McKay D. Sudden right eye shadow. Aust Fam Physician 2003;32(1/2):53-54

Book chapters

6. Pollock G, **Hodge C**, Sutton G, Machin H. Human material for research: Eye banking, biobanking and ethical access. *Advances in Vision Research, Volume III - Genetic Eye Research around the Globe*. Springer Publishing (Accepted for Print, April 2019)
5. Lawless MA, **Hodge C**. Global implications of Femtosecond laser technology *Femtosecond Laser Cataract Surgery* Published 2012
4. Lawless MA, **Hodge C**. Phakic Posterior Chamber Lens Chapter 44.2, "Corneal Surgery", ed. Frederick Brightbill Elsevier 2008
3. **Hodge C**, Ng D. Eye Emergencies Check Program Self Assessment RACGP June 2005
2. Lawless MA, **Hodge CB**. LASIK versus PRK. Chapter 34B, pp. 391-396, in "LASIK -- Advances, Controversies, and Custom", ed. LE Probst. Slack Inc. 2004.
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Video Publications

1. Femtosecond Cataract Surgery in the Treatment of Difficult Ocular Diseases
Roberts TV, Lawless M, Sutton G, **Hodge C**. *Clinical Ophthalmology*
DOI 10.2147/OPENOUTLOOK.OPTH.VIDEO.2 (October 2017)

Published abstracts

32. Juarez J, Georges P, **Hodge C**, Treloggen J, Petsoglou C, Zhu M. Factors influencing positive serological screening for viral diseases in Eye Bank corneal tissues. *Invest Ophthalmol Vis Sci* 2020;61(7):3612-3612
31. Frazer H, You JJ, Chen Z, Sayyar S, Liu X, Taylor A, **Hodge C**, Wallace G, Sutton G. Development of a platelet lysate-based printable, transparent biomaterial with regenerative potential for epithelial corneal injuries. *Trans Vis Sci Tech* 2021;9(13),40-40
30. Xu E, Levitz L, **Hodge C**, Lim C. Prognosis and impact of ocular risk factors in pseudophakic cystoid macular oedema following femtosecond laser assisted surgery. *Clin Exp Ophthalmol* 2019;47, 85-85
29. Frazer H, Taylor A, **Hodge C**, Petsoglou C, Georges P, You J, Wallace G, et al. iFixInk has the potential to act as a wound sealant for corneal injuries and in surgery. *Clin Exp Ophthalmol* 2019;47, 98-99
28. Bhatt U, Lawless M, Kaur A, **Hodge C**. Safety and effectiveness of the panoptix trifocal IOL: A multi-surgeon and multi-centre retrospective cohort study. *Clin Exp Ophthalmol* 2019;47, 90-90

27. Hallett N, Aggarwala A, D'Souza M, **Hodge C**, Sutton G, You J. Analysing key multifactorial variable relationships in keratoconus. Clin Exp Ophthalmol 2019;47, 99-99
26. Pathmaraj R, **Hodge C**, Vu U, Lei L. OCT Angiography in Optic Disc Haemorrhage (ODH): Intra-individual case-control comparison of glaucoma patients. Clin Exp Ophthalmol 2019;47, 118-118
25. Sutton G, Lawless M, Chan C, Versace P, Huynh T, **Hodge C**. Smile: A multi-centre, retrospective analysis of 2900 eye undergoing smile laser refractive surgery in New South Wales, Australia. Clin Exp Ophthalmol 2019;47, 36-36
24. Lawless M, Sutton G, Roberts T, Chan C, Ng D, Jiang J, **Hodge C**. Total keratometry (TK) in post-LASIK eyes: efficacy comparison study. Clin Exp Ophthalmol 2019;47, 45-45
23. Ling M, Juarez J, Georges P, **Hodge C**, Treloggen J, Sutton G, et al. Age impact on corneal endothelial cell density and viability preserved with organ culture method in New South Wales tissue banks. Clin Exp Ophthalmol 2019;47, 99-100
22. Gunasekaran P, **Hodge C**, Browne G, Fraser C, Rose KA. Concussion-Related Visual Dysfunction in Children: A Retrospective Study. IOVS 60 (9), 3126-3126
21. **Hodge C**, Aggarwala A, D'Souza M, Sutton G, You J. Gender could play an important part in the onset of keratoconus-insights from characterizing an Australia keratoconus cohort. IOVS 60 (9), 6505-6505
20. Sahebjada S, Chan E, McGuinness M, **Hodge C**, Pang CCP, et al. Assessment of clinical parameters by ethnicity in patients with keratoconus: a multi-country study. IOVS 60 (9), 321-321
19. Hallett N, Maseedupally VK, Markoulli M, Jeyakumar N, **Hodge C**, et al. In-vivo and in-vitro corneal epithelial and stromal thickness in Keratoconus. IOVS 60 (9), 334-334
18. Lawless M, Sutton G, Chan C, **Hodge C**. Tear film osmolarity in a consecutive cohort of 1150 patients undergoing refractive and cataract surgery assessment. Clin Exp Ophthalmol 2018;46, 49-50
17. Frazer H, You J, **Hodge C**, Petsoglou C, Georges P, Taylor A, Wallace G, et al. 3D cell printing and corneal epithelial regeneration using a novel bioink (iFixInk). Clin Exp Ophthalmol 2018;46, 74-75
16. Lim C, Levitz L, Vu U, **Hodge C**. Incidence and progression of pseudophakic cystoid macular oedema following femtosecond laser assisted cataract surgery. Clin Exp Ophthalmol 2018;46, 82-82
15. Frazer HE, You J, Cooper S, **Hodge C**, Liu X, Chen Z, Taylor A, McColl E, et al. The development of the iFixInk™ system to treat corneal injuries. IOVS 2018;59 (9), 4344-4344

14. You J, Frazer HE, Wen L, Cooper S, **Hodge C**, Sutton G. Generation of primary pluripotent spheroid culture from human corneas using human platelet lysates. IOVS 2018;59 (9), 531-531
13. Gunasekaran P, **Hodge C**, Fraser C, Cohen A, Rose KA. Incorporating ocular assessment in diagnosis of sport-related concussion (SRC) in semi-professional rugby union players. IOVS 2019;59 (9), 2179-2179
12. Sutton G, You J, Cooper S, Frazer H, **Hodge C**, Liu X, Taylor A, McColl E, et al. Development of iFixPen™—using 3D printing to treat corneal ulcers. IOVS2018; 59 (9), 4343-43431.
11. Sutton G, Wallace G, You JJ, Frazer H, Cooper S, **Hodge C**. Corneal biopen using 3D printing to repair traumatic eye injuries. Clin Exp Ophthalmol 2017;45,76-77
10. Zhu M, Juarez J, Luo K, Georges P, **Hodge C**, Treloggen J, Petsoglou C. Impact of Organ Culture Storage on donor corneas: A comparison of different age groups. IOVS 58 (8), 1455-1455
9. You J, Wen L, **Hodge C**, Petsoglou C, Madigan M, Sutton G. A new way of tissue culturing corneal epithelial cells using silicone gel-application on keratoconus corneas. Clin Exp Ophthalmol 2015;43, 86-87
8. You JJ, Wen L, **Hodge C**, Madigan M, McAvoy J, Sutton G. Wnt signaling pathway-associated proteins in tears from control and keratoconus (KC) patients. Clin Exp Ophthalmol Ophthalmology 2011: 39:80-80
7. Madigan MC, You JJ, Wen L, **Hodge C**, Roufas A, McAvoy JW, Sutton G. Secreted frizzled proteins in control and keratoconus (KC) tears and corneas. Acta Ophthalmologica 90 (s249), 0-06.
6. Sutton G, You JJ, Wen L, **Hodge C**, Madigan M, McAvoy J. Investigating the WNT pathway in keratoconus. Clin Exp Ophthalmol 2012:40
5. **Hodge C**, You JJ, Wen L, Roufas A, Madigan M, McAvoy JW, Sutton G. WNT Signalling Pathway-Associated Proteins in Control and Keratoconus (KC) Tears and Corneas. IOVS 2012;53 (14), 4221-4221
4. Lawless M, **Hodge C**. Phakic IOL implantation for the treatment of high myopia and astigmatism. Clin Exp Ophthalmol 2008;38,29-30
3. Chan C, **Hodge C**, Sutton G. Intacs followed by collagen crosslinking for keratoconus. Clin Exp Ophthalmol 2008:36
2. Chan C, **Hodge C**, Sutton G, Versace P, Lawless M, Rogers C. Post Lasik ectasia. Clin Exp Ophthalmol 2008: 36

1. Chan C, **Hodge C**, Sutton G. Intacs followed by collagen crosslinking for keratoconus: refractive, contrast and subjective outcomes. Clin Exp Ophthalmol Ophthalmology 2007:35

Teaching

2020-21	Tutor: University of Sydney Medical students Introduction to ophthalmology
2020-21	Tutor: University of Sydney Short course Biometry and IOL calculations.
2020	Clinical Lecturer: Discipline of Clinical Ophthalmology & Eye Health University of Sydney. Topics: Visual Acuity; Contrast Sensitivity, IOL calculations
2014- present	Lecturer: University of Technology Masters Orthoptics. Topics: Refractive and Cataract Surgery, Corneal Topography
2009- present	Lecturer: Masters in Refractive Surgery program, University of Sydney. Topic IOL calculations following refractive surgery, Anterior Chamber Imaging

Presentations

2020	Invited speaker: Corneal topography and corneal wavefront technology. Zeiss Advanced Biometry series
2019	Speaker: National Donation and Transplant conference (Sydney). Topic: Decade of Corneal Transplantation
2018	Speaker: Australian and New Zealand Corneal Meeting (Sydney) Topic KIC. EBAANZ Meeting (Sydney) Topic: presenting in health care
2018	Guest speaker: Alcon LenSx User's Meeting (Sydney) Topic Femtosecond Cataract Surgery
2012, 2019	Poster Presentation: ARVO, USA; Keratoconus & Wnt Signaling; Role of gender in Keratoconus
2011	Invited Speaker: NSW Ophthalmic Registrar's Meeting, Sydney Eye Hospital: Topic: IOL Calculation Post Refractive Surgery
2002-2019	Speaker: AUSCRS Support staff program.

Topics: Cataract Surgery and IOL Calculations Workshop, IOL post Refractive Surgery, LASIK Surgery review, New Refractive Technologies, Investigating Refractive Surprises Post Cataract Surgery, Laser Post Corneal Transplantation Review

- 2004-2014** **Speaker:** NSW Orthoptic Continuing Education program
Topics: Corneal Topography for Orthoptists, Refractive Surgery Overview for Orthoptists, Biometry and IOL Calculations, IOL Calculations post refractive surgery, Keratoconus and new technology
- 2003** **Invited Speaker:** Alcon TropSat Satellite Meeting, Port Douglas
Topic: Introducing new technology to the Refractive Practice
- 2002** **Invited Speaker:** Breakfast Meeting, Orthoptic Association of Australia Conference, Auckland New Zealand
Topic: Dry Eye and the development of Treatment

Postgraduate Supervision

- 2018-** **Co Supervisor:** Nicole Hallett PhD Medicine (University of Sydney)
- 2017-2021** **Co-supervisor:** Premkumar Gunersakeran PhD Orthoptics (Graduate School of Health, University of Technology Sydney) *Awarded*
- 2014-2016** **Co-Supervisor:** Aifric Martin MBBS Masters Medicine (University of Canterbury, UK) *Awarded*

Undergraduate supervision (School of Medicine and Health)

- 2019-** Mariska Ackerman, Melissa Su-Yi Tee, Amy Liang (University of Sydney, MD, Research Treatise: Primary Supervisor)
- 2018-** Natalie Klug (University of Sydney, MD, Research Treatise: Co-Supervisor)

Research team experience

- 2016 to present** University of Sydney Corneal Research team: Gerard Sutton, Jing Jing You, Li Wen, Hannah Frazer, Michelle Madigan, Chris Hodge
- 2016 to 2021** University of Sydney (Save Sight Institute) Concussion: Clare Fraser, Julian Kelman, Chris Hodge

Administration/Service

- 2021** **Examiner** Postgraduate (Masters) program, University of Sydney

2021	Examiner School of Medicine and Health, Medicine research treatises
2019 to present Committee	Member NSW Organ & Tissue Donation Service Research Review
2018 to present	Member Lions NSW Eye Bank Research Committee
2014 to present	Member Industry Advisory Board <i>University of Technology Sydney</i> , Graduate School of Health, Discipline of Orthoptics

Clinical leadership

As a researcher, I have been an investigator (principal or sub-investigator) on grants totalling > \$3 million since 2015.

Grants

2021	MRFF Frontiers (CI)	\$999,200
2020	Alcon IIT: ClareonToric IOL (PI)	\$14,000
2019	NHMRC Ideas grant (CIC)	\$477,563
2018	Alcon IIT: Panoptix Toric IOL (PI)	\$10,000
2018	NSW Health Medical Device	\$1,100,000
2018	Sydney Eye Hospital Foundation	\$480,000
2017	SEALHD Innovation	\$100,000
2017	Lions NSW Research Grant Australian Corneal Bioengineering Centre	\$100,000
2015	XOVA International	\$100,000

Additional activities

2016 - present	Mentor to early career researchers to develop research projects and to advance through University post-doc positions
2018, 2019	Convener Support Staff Program, Australia & New Zealand Society of Cataract & Refractive Surgeons (Noosa, Qld 2018, Queenstown NZ 2019)

Reviewer

Journal of Neuro-Ophthalmology	2019 - 2020
Australian Orthoptic Journal	2017 (current)
Strabismus	2016 -2018
Scientific Reports in Nature	2016 (current)
Eye	2015 (current)
PLOS One	2014 (current)
Clinical Ophthalmology	2013 (current)
Journal of Cataract and Refractive Surgery	2012 - 2019
Clinical and Experimental Ophthalmology	2007 (current)
Journal of Refractive Surgery	2007 -2019
Australian Family Physician	2006 (current)

Community service

1991-2001	Mission Australia (formerly known as Sydney City Mission) Counseling callers across range of issues including domestic violence, grief and loss, aid.
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