

A combined ex vivo fundus imaging–histology protocol for clinicopathological validation of human donor eyes with limited medical history

Vijay Singh, Sarrvesa Hari^{1*} ; Yeap, Waiwai^{2*} ; Too, Lay Khoon³ ; Allende, Alexandra^{4,8};
Arnold, Jennifer⁵ ; Hall, Geoffrey⁴ ; Hunyor, Alex^{3,6}; Madigan, C. Michele^{2,3}; Merani, Rohan^{7,8};
Ortiz, Juan⁴; Rodriguez, Michael^{4,9}; Wong, James^{3,6}; Invernizzi, Alessandro¹⁰; Killingsworth,
Murray ^{2,13,14}; Pye, Victoria^{3,9} ; Mehta, Hemal^{1,3} ; Petsoglou, Constantinos^{3,6,12} ;
Cherepanoff, Svetlana,^{1,2,11}

* These two authors contributed equally

1 The University of Notre Dame, Institute for Health Research, Sydney, NSW, Australia

2 The University of New South Wales, Medicine & Health, Sydney, NSW, Australia

3 Save Sight Institute, Faculty of Medicine and Health, The University of Sydney, Sydney, NSW, Australia

4 Douglass Hanly Moir Pathology, Macquarie Park, NSW, Australia

5 Marsden Eye Specialists, Sydney, NSW, Australia

6 Sydney Eye Hospital, Sydney, NSW, Australia

7 Discipline of Clinical Ophthalmology and Eye Health, Concord Clinical School, Faculty of Medicine and Health, The University of Sydney, Sydney, NSW, Australia

8 Faculty of Medicine and Health Sciences, Macquarie University, Sydney, NSW Australia

9 Sydpath, St Vincent's Hospital, Darlinghurst, NSW, Australia

10 Università degli Studi di Milano, Department of Biomedical and Clinical Science, Milan, Lombardy, Italy

11 Sydpath, St Vincent's Hospital, Sydney, NSW, Australia

12 New South Wales Tissue Bank, Sydney, NSW, Australia

13 Ingham Institute Of Applied Research, Liverpool, NSW, Australia

14 South West Sydney Pathology Service, Liverpool, NSW, Australia

SUPPLEMENTARY TABLE S1

Database ID	Delay to enucleation, hours	Delay to fixation, hours
1655	18.50	21.50
1656	18.50	21.50
1658	14.75	21.00
1659	6.92	8.58
1660	6.92	8.58
1663	21.60	22.92
1664	21.60	22.92
1665	6.50	8.17
1666	7.25	14.25
1667	7.25	14.25
1668	11.23	12.23
1669	11.23	12.23
1670	16.42	17.67
1671	16.42	17.67
1672	20.17	22.00
1673	20.17	22.00
1800	10.32	11.23
1802	16.05	17.05
1803	16.05	17.05
1804	19.83	21.08
1808	22.33	23.75
1829	6.67	7.67
1830	6.67	7.67
1831	11.70	13.25
1832	11.70	13.25
1834	8.10	10.25
1835	10.25	14.00

1929	6.92	8.58
1930	6.92	8.58
1931	7.62	8.83
1932	7.62	8.83
1945	11.38	13.22
1946	11.38	13.22
1954	16.25	17.92
1957	20.55	22.75
1958	20.55	22.75
1959	18.80	20.57
1963	12.25	13.25
1964	12.25	13.25
1965	7.75	9.42
1966	7.75	9.42
1967	8.67	9.25
1968	8.67	9.25
1970	10.5	12.25
1971	10.5	12.25
1976	19.08	20.33
1979	6.72	8.67
1983	9.50	11.00
1984	9.50	11.00
1986	13.17	13.83
1993	2.78	4.95

Supplementary Table S1.

Delay to enucleation and delay to fixation for all donor eyes included in the study. Each row lists the database ID assigned at accession, the time from donor death to enucleation (hours), and the time from donor death to fixation (hours). These data are provided to allow independent assessment of postmortem interval and tissue handling conditions for each specimen.