

The oral health of a group of 19th Century South Australian settlers in relation to their general health and compared with that of contemporaneous samples. Gurr et al., 2023.

Table S9. Dental calculus – an indication of the number, and percentage of teeth affected by calculus with the location and severity of the deposit for the adults of the St Mary’s Cemetery sample.

St Mary’s Burial I/D	Sex	Estimation of age range skeletal & eruption findings (years)	Total number of permanent teeth present	Number of Teeth with calculus	Percentage of teeth with calculus	Calculus Present Tooth-type with calculus present FDI notation number/s	Calculus Location 1 = enamel surface only 2 = Root* (Brothwell, 1963; Connell and Rauxloh, 2003; Powers, 2012)	Calculus Severity 1 = small (slight) 2 = medium 3 = large (heavy/ considerable) (Brothwell, 1963; Connell and Rauxloh, 2003; Powers, 2012)
SMB 05	F	20-29	6	6	100%	32, 35 41, 42, 43, 44	All teeth = enamel	35, 44 = small (slight), 32, 41, 42, & 43 = medium
SMB 53 C	F	30-39	9	1	11%	42	42 = root	42 = small
SMB 66 B	F	30-39	17	6	35%	31, 32, 41, 42, 43, 44	All teeth = root	All teeth = small
SMB 73	M	30-39	19	0	0	N/A	N/A	N/A
SMB 06	M	40-49	24	14	58%	12, 16, 17, 23, 25, 26, 27, 32, 33, 37, 41, 44, 45, 47	12, 17, 23, 26, 32, 33, 37, 45 = enamel, 16, 25, 27, 47 = root	12, 17, 23, 25, 26, 27, 32, 33, 37, 44, 45, 47 = small, 16 = medium
SMB 09	M	40-49	22	15	68%	12, 13, 16, 26, 27, 31, 32, 36, 37, 43, 44, 45, 46, 47, 48	12, 13, 16, 22, 23, 24, 26, 31, 32, 36, 43, 44, 45, 46, 47, 48 = enamel, 26, 37 = root	All teeth = small
SMB 57	M	40-49	25	14	56%	15, 16, 17, 18, 22, 26, 27, 32, 33, 34, 35, 36, 44, 45	All teeth = enamel	All teeth = small
SMB 61	F	40-49	7	3	43%	32, 42, 44	32 & 42 = enamel, 44 = root	All teeth = small
SMB 72	M	40-49	29	2	7%	42, 43	42 & 43 = enamel	All teeth = small
SMB 78	M	40-49	4	4	100%	13, 14, 34, 35	All teeth = enamel	All teeth = small
SMB 83	M	40-49	16	14	88%	13, 14, 17, 23, 24, 27, 28, 33, 34, 37, 42, 43, 47, 48	14, 17, 23, 24, 27, 28, 42, 43, 47, 48 = enamel, 13, 33, 34, 37, 42 = root	13, 14, 17, 28, 33, 34, 37 = small, 23, 24, 27, 42, 43, 47, 48 = medium
SMB 85	M	40-49	2	0	0	N/A	N/A	N/A
SMB 14	M	50-59	2	0	0	N/A	N/A	N/A
SMB 23	M	50-59	21	0	0	N/A	N/A	N/A
SMB 59	M	50-59	15	1	7%	46	46 = enamel	46 = small
SMB 63	M	50-59	3	0	0	N/A	N/A	N/A
SMB 68	M	50-59	19	0	0	N/A	N/A	N/A

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Notes: F = female, M = male. † Dental eruption age range – “Over 23.5 years”= Estimation of dental age range is based on development and when this is complete. FDI = Fédération Dentaire Internationale tooth identification notation system. *Guidelines, system, and criteria followed as set out by Brothwell, 1963; Connell and Rauxloh, 2003; Powers, 2012, of the Museum of London.

References:

- Anson, T.J.**, 2004. The bioarchaeology of the St. Mary's free ground burials: reconstruction of colonial South Australian lifeways, Thesis (Ph.D.)-University of Adelaide, Dept. of Anatomical Sciences, 2004.
- AlQahtani, S.J.**, Hector, M.P., Liversidge, H.M., 2010. Brief communication: The London atlas of human tooth development and eruption, *American Journal of Physical Anthropology* 142, 481-490.
- Brothwell, D.R.** 1963. *Digging up Bones: the excavation, treatment and study of the human skeletal remains*. British Museum Natural History: London.
- Connell, B.**, and Rauxloh, P. 2003. *A Rapid Method for Recording Human Skeletal Data*. Museum of London: London.
- FDI World Dental Federation**, 2022. FDI Two-Digit Notation, FDI World Dental Federation, France.
- Powers, N.** 2012. *Human Osteology Method Statement*. Museum of London: London.