

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

**Table S3.** Small Volume Micro-CT scanning of individual teeth associated with skulls from individuals of the St Mary's Cemetery sample. Additional SV Micro-CT scan settings information on page 2.

<b>St Mary's ID</b>	<b>Dental age range</b> (years & months)	<b>Chronological Age range</b> (years)	<b>Sex</b>	<b>Permanent or <i>primary</i> Tooth Type</b> <i>with the FDI notation number</i>	<b>Total number of teeth SV Micro-CT scanned</b>
<b>SMB 27B</b>	1-1.5 (+/- 3 mths)	0-2	U	<i>primary</i> Low L M1 (74)	<b>1</b>
<b>SMB 58</b>	1-1.5 (+/- 3 mths)	0-2	U	<i>primary</i> Low L m1 (74)	<b>1</b>
<b>SMB 82</b>	1-1.5 (+/- 3 mths)	0-2	U	<i>primary</i> Upp R *cent incisor (51) <i>primary</i> Upp R lat incisor (52) <i>primary</i> Upp L cent incisor (61) <i>primary</i> Upp L lat incisor (62) <i>primary</i> Low R cent incisor (71) <i>primary</i> Low L cent incisor (81)	<b>6</b>
<b>SMB 4A</b>	3.5-4.5 (+/- 3 mths)	2-5	U	<i>primary</i> Upp R Lat Incisor (52) <i>primary</i> Upp R Canine (53) <i>primary</i> Upp L Cent Incisor (61) <i>primary</i> Upp L Canine (63)	<b>4</b>
<b>SMB 19</b>	7.5- 8.5 (+/- 6 mths)	6-10	U	Permanent Low L M1 (36)	<b>1</b>
<b>SMB 70</b>	11.5-12.5 (+/- 6 mths)	8-9	U	<i>primary</i> Low R m1 (74) Permanent Upp R M1 (16)	<b>2</b>
<b>SMB 52B</b>	10.5-11.5 (+/- 6 mths)	10-14	U	<i>primary</i> Low L m2 (75) Permanent Upp R Cent Incisor (11) Permanent Upp R lat Incisor (12)	<b>3</b>
<b>SMB 51</b>	10-11 (+/- 6 mths)	10-14	U	Permanent Low R M1 (46)	<b>1</b>
<b>SMB 28</b>	12-15 (+/- 6 mths)	12-16	U	Permanent Low L M1 (36)	<b>1</b>
<b>SMB 79</b>	15.5-16.5 (+/- 6 mths)	16-18	U (F?)	Permanent Upp L M1 (26)	<b>1</b>
<b>SMB 05</b>	Over 23.5	20-29	F	Permanent Low R Canine (43)	<b>1</b>
<b>SMB 53C</b>	Over 23.5	30-39	F	Permanent Upp R M1 (16)	<b>1</b>
<b>SMB 66B</b>	Over 23.5	30-39	F	Permanent Upp R lat incisor (12) Permanent Upp R P1 (14) Permanent Upp R P2 (15) Permanent Upp R M2 (17) Permanent Upp L canine (23)	<b>5</b>
<b>SMB 73</b>	Over 23.5	30-39	M	Permanent Upp R P1 (14) Permanent Upp R Cent Incisor (11) Permanent Upp R M1 (16) Permanent Upp L Canine (23) Permanent Upp L P2 (25) Permanent Upp L M3 (28)	<b>6</b>
<b>SMB 6</b>	Over 23.5	40-49	M	Permanent Upp L Canine (23)	<b>1</b>
<b>SMB 72</b>	Over 23.5	40-49	M	Permanent Low R M2 (47)	<b>1</b>
<b>SMB 85</b>	Over 23.5	40-49	M	Permanent Low L canine (33)	<b>1</b>
<b>SMB 23</b>	Over 23.5	50-59	M	Permanent Low R M2 (47)	<b>1</b>
<b>SMB 63</b>	Over 23.5	50-59	M	Permanent Low R Lat Incisor (42)	<b>1</b>
<b>SMB 68</b>	Over 23.5	50-59	M	Permanent Low R M3 (48)	<b>1</b>
<b>SMB 83</b>	Over 23.5	50- 59	M	Permanent Upp R M3 (18)	<b>1</b>
				Total number of teeth SV Micro-CT scanned:	<b>41</b>

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**Table S3 Notes:** M= male, F= female, U= undetermined sex, Low = lower/ mandibular tooth type, Upp = upper/ maxillary tooth type, L=left, R=right, Cent. /\*cent. = central, (\* lower case text denotes primary dentition, capitalised text denotes permanent teeth), Lat = lateral, P1 or P2 = first or second premolar, M1, M2 or M3 = first, second or third molar.

### **SV Micro-CT scan settings information:**

Equipment: Bruker SkyScan 1276 (Bruker, 2022)

The desktop SV Micro-CT scanner was set at source voltage of 100 kV, source current of 200  $\mu$ A, and camera binning of 4032 x 2688, with an aluminium and copper filter. The Nrecon software (Bruker, 2022), was used for the reconstruction of the scan data sets.

### **Reference:**

**Bruker**, 2022. Position, Scan, Reconstruct and Analyze, Bruker. Micro Photonics Inc, 2020. Micro-CT Software: NRecon Reconstruction Software: Fast micro-CT reconstruction software., Micro Photonics Inc.