B2 SMS Conversion & Confidence Interval Tables

MALE & FEMALE	Tooth number
Rating	47-41
0	0
A	1
B	2
C	3
D	4
E	5
F	6
G	7
H	8

Table B2.1: Conversion table – Simple Maturity Score (after Demirjian 1976)

	95% Confidence Interval of Predicted Age (PA)	
PREDICTED AGE	**MALE**	**FEMALE**
1	-	-
2	0.70	1.45
3	0.80	0.96
4	0.95	0.95
5	1.38	1.14
6	1.56	1.32
7	1.38	1.41
8	1.68	1.75
9	1.73	2.13
10	1.82	1.89
11	2.21	2.14
12	2.64	2.42
13	2.83	2.62
14	2.58	3.03

Table B2.2: Summary of 95% confidence intervals (in years) for each age group by sex for the final prediction models (SMS-55).

The 95% confidence interval, uniform over the entire range of ages and based on the residual error from the ANOVA output is ±1.8 years for both sexes.

C1 Ethics Approval Documentation

Westmead and Parramatta Hospitals and Community Health Services

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o/r TE.sb/SAC92/12/4.8

y/r

Date 17 December 1992

Professor C Griffiths
Preventative Dentistry
Dental School
Westmead Hospital

Dear Professor Griffiths

re: Research Proposal: 'Dental age assessment using tooth development as recorded on Orthopantomograms (OPG)'

Please be advised that the above-named Research Proposal, shown on the attached form, has been approved by the Westmead Scientific Advisory Committee.

Yours sincerely

Dr T Exner
Secretary
Westmead Scientific Advisory Committee
Encls

4.8

WESTMEAD RESEARCH PROPOSAL ASSESSMENT

SCIENTIFIC ADVISORY COMMITTEE

REFEREES REPORT

Research Proposal Title: DENTAL AGE ASSESSMENT USING TOOTH DEVELOPMENT AS RECORDED ON ORTHOPANTOGRAMS (OPG)

Investigator/Dept: DR. C.J. GRIFFITHS. / DENTISTRY

Does this Proposal meet a satisfactory standard for :

Scientific Rationale for the central hypotheses: (Comment if **No**)	(Y)	N
Scientific Method including statistical methods: (Comment if **No**)	(Y)	N
Likelihood of being able to answer the questions: (Comment if **No**)	(Y)	N
Has the Checklist been completed?	(Y)	N
Has a satisfactory Consent Form been enclosed?	Y	N N/A

This proposal needs:

Comments: SINCE RETROSPECTIVE DATA ONLY WILL BE RESOURCED AND PATIENT DETAILS EXCEPT FOR AGE WILL NOT BE REQUIRED NO ETHICAL REVIEW IS NECESSARY. APPROVAL SHOULD BE IMMEDIATE.

Review by:			
	Ethics	Y	(N)
	Animal Care	Y	(N)
	Drug	Y	(N)
	Biosafety	Y	(N)
	Radiation Safety	Y	(N)