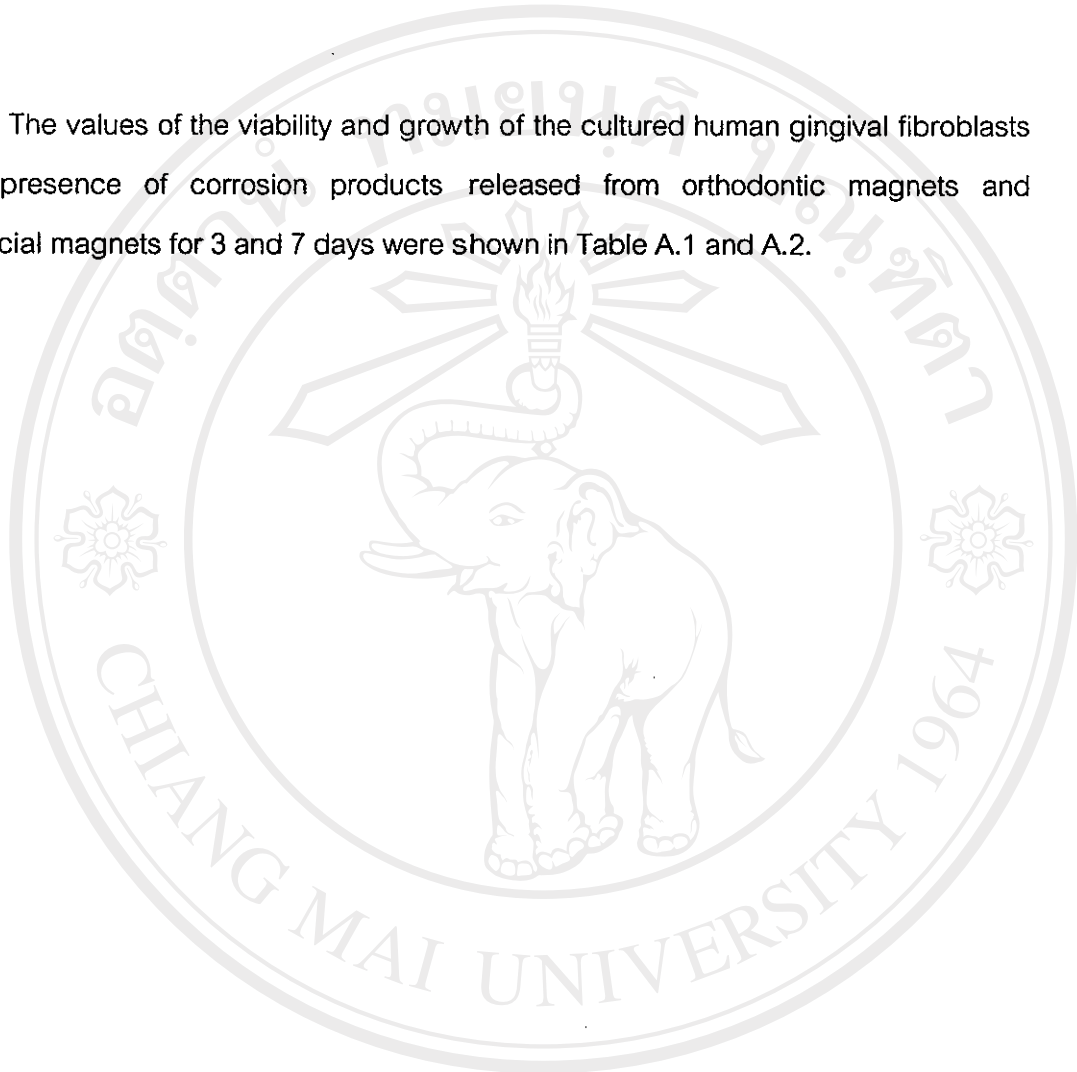


## APPENDIX

The values of the viability and growth of the cultured human gingival fibroblasts in the presence of corrosion products released from orthodontic magnets and commercial magnets for 3 and 7 days were shown in Table A.1 and A.2.



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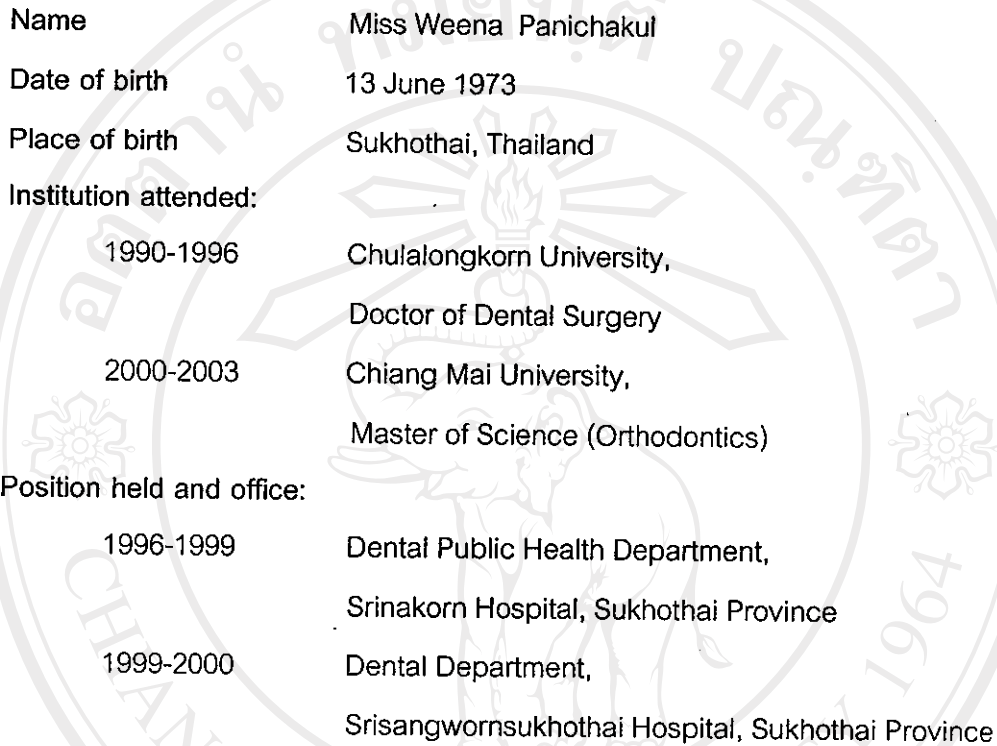
Table A.1 The data of the percentages of the viability and growth (S phase) of the cultured human gingival fibroblasts in the presence of corrosion products released from orthodontic magnets and commercial magnets for 3 days

Group	Exp.	DMEM				NaCl			
		Viability (%)	G0/G1 (%)	S (%)	G2/M (%)	Viability (%)	G0/G1 (%)	S (%)	G2/M (%)
Control	1	94.87	69.82	19.32	10.86	100.00	70.86	16.84	12.30
	2	94.74	65.68	21.00	13.32	95.84	64.37	23.00	12.63
	3	94.12	38.86	38.54	22.60	72.73	41.75	36.72	21.53
	4	100.00	65.39	20.11	14.50	100.00	64.07	24.64	11.29
Orthodontic Magnet	1	90.00	70.14	17.86	12.00	100.00	76.24	13.54	10.22
	2	100.00	-	-	-	86.96	67.04	21.30	11.66
	3	100.00	39.80	36.60	23.60	100.00	36.14	40.78	23.08
	4	100.00	61.73	20.82	17.45	92.86	67.60	19.67	12.73
Commercial Magnet	1	95.65	71.87	16.67	11.46	89.29	66.54	20.99	12.47
	2	90.91	-	-	-	94.74	-	-	-
	3	86.67	38.88	40.97	20.15	100.00	36.68	44.37	18.95
	4	100.00	62.61	26.10	11.29	100.00	65.16	20.94	13.90

Table A.2 The data of the percentages of the viability and growth (S phase) of the cultured human gingival fibroblasts in the presence of corrosion products released from orthodontic magnets and commercial magnets for 7 days

Group	Exp.	DMEM				NaCl				
		Viability (%)	G0/G1 (%)	S (%)	G2/M (%)	Viability (%)	G0/G1 (%)	S (%)	G2/M (%)	
Control	1	94.12	-	-	-	94.74	-	-	-	-
	2	94.12	75.93	12.65	11.42	93.55	78.46	9.91	11.63	
	3	98.44	86.22	8.52	5.26	100.00	92.77	3.66	3.57	
	4	100.00	63.20	23.25	13.55	85.71	62.70	19.90	17.40	
	5	80.00	75.58	14.78	9.64	88.89	80.64	11.07	8.29	
	6	100.00	84.54	7.00	8.46	98.18	90.41	4.02	5.57	
Orthodontic Magnet	1	95.00	-	-	-	97.03	-	-	-	-
	2	92.00	-	-	-	100.00	-	-	-	-
	3	98.15	85.48	8.42	6.10	98.00	89.13	4.77	6.10	
	4	87.50	70.71	17.59	11.70	100.00	65.91	20.53	13.56	
	5	-	-	-	-	100.00	65.67	21.44	12.89	
	6	96.30	82.97	8.13	8.90	100.00	85.84	6.29	7.87	
Commercial Magnet	1	96.00	-	-	-	94.96	-	-	-	-
	2	96.55	-	-	-	90.48	-	-	-	-
	3	97.22	86.70	7.18	6.12	97.65	83.32	7.50	9.18	
	4	85.00	72.57	16.28	11.15	100.00	62.08	22.94	14.98	
	5	100.00	71.80	18.48	9.72	88.24	75.04	15.61	9.35	
	6	95.65	80.79	10.14	9.07	100.00	78.62	13.77	7.61	

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