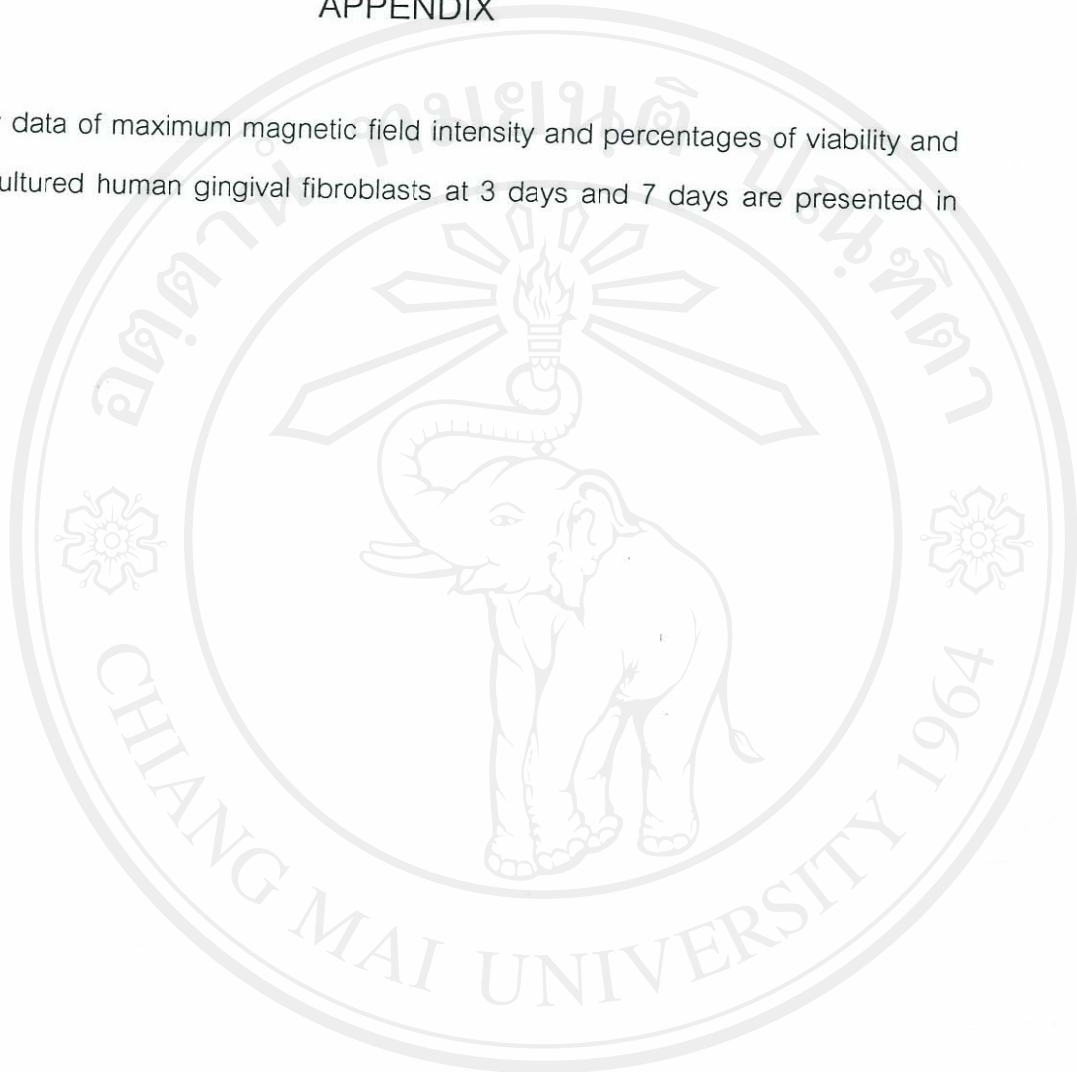


APPENDIX

Raw data of maximum magnetic field intensity and percentages of viability and growth of cultured human gingival fibroblasts at 3 days and 7 days are presented in Table A – C.



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Table A The raw data of the maximum magnetic field intensity generated from commercial magnets in dimension of 20 mm in diameter and 2 mm in thickness, which were used in each experiment at 3 days and 7 days.

Culture time	Experiment	Maximum magnetic field intensity (mT)			
		Single magnet		Attractive magnets	
		Position 1	Position 2	Position 1	Position 2
3 days	1	62.00	0.06	64.40	0.11
	2	65.90	0.05	98.60	0.11
	3	65.90	0.05	98.60	0.11
	4	72.80	0.07	57.30	0.11
	5	72.80	0.07	57.30	0.11
7 days	1	62.00	0.06	64.40	0.11
	2	62.00	0.06	64.40	0.11
	3	95.50	0.06	94.90	0.11
	4	95.50	0.06	82.40	0.13

(The control group was the culture human gingival fibroblasts under the condition without magnetic field, magnetic field intensity was regarded to be 0 mT at all)

Table B The raw data of the percentages of the viability and growth of cultured human gingival fibroblasts under five experimental conditions at 3 days

Group	Experiment	Magnetic field (mT)	Viability (%)	G ₀ G ₁ (%)	S (%)	G ₂ M (%)
1	1	0.00	100.0	69.82	19.32	10.86
	2	0.00	94.1	65.68	21.00	13.32
	3	0.00	100.0	36.46	38.02	25.51
	4	0.00	100.0	65.88	19.64	14.48
	5	0.00	100.0	63.04	28.31	8.65
2	1	62.00	93.1	72.46	16.09	11.45
	2	65.90	100.0	61.54	26.04	12.42
	3	65.90	100.0	41.16	32.61	26.23
	4	72.80	100.0	69.20	18.83	11.97
	5	72.80	100.0	63.41	26.41	10.19
3	1	0.06	100.0	72.68	15.11	12.22
	2	0.05	85.7	N*	N*	N*
	3	0.05	100.0	41.72	33.10	25.18
	4	0.07	100.0	65.16	19.35	15.49
	5	0.07	100.0	62.56	27.03	10.41
4	1	64.40	87.0	70.17	19.27	10.56
	2	98.60	80.0	N*	N*	N*
	3	98.60	84.6	44.18	32.47	23.36
	4	57.30	100.0	66.64	20.73	12.63
	5	57.30	100.0	60.85	27.82	11.33
5	1	0.11	100.0	72.97	16.21	10.82
	2	0.11	93.8	58.86	29.16	11.98
	3	0.11	93.8	46.76	32.05	21.18
	4	0.11	100.0	66.87	19.50	13.63
	5	0.11	95.8	62.41	28.32	9.27

N* : No information from the experiments

Table C The raw data of the percentages of the viability and growth of cultured human gingival fibroblasts under five experimental conditions at 7 days

Group	Experiment	Magnetic field (mT)	Viability (%)	G ₀ G ₁ (%)	S (%)	G ₂ M (%)
1	1	0.00	96.3	75.94	12.64	11.42
	2	0.00	97.9	85.06	8.49	6.45
	3	0.00	100.0	73.04	17.31	9.65
	4	0.00	96.6	83.79	5.10	11.11
2	1	62.00	95.7	N*	N*	N*
	2	62.00	98.0	89.16	5.56	5.28
	3	95.50	90.5	69.38	19.33	11.29
	4	95.50	98.4	85.77	5.34	8.90
3	1	0.06	90.0	76.11	13.08	10.81
	2	0.06	94.9	90.08	4.37	5.55
	3	0.06	93.3	72.18	16.77	11.05
	4	0.06	97.7	82.45	7.47	10.08
4	1	64.40	74.4	78.40	12.92	8.69
	2	64.40	96.6	82.11	9.37	8.53
	3	94.90	100.0	71.96	16.91	11.12
	4	82.40	99.0	83.60	6.03	10.37
5	1	0.11	100.0	N*	N*	N*
	2	0.11	96.7	85.88	8.10	6.03
	3	0.11	92.3	72.82	15.75	11.43
	4	0.13	98.8	85.98	4.89	9.14

N* : No information from the experiments

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