

CHAPTER VI

CONCLUSIONS

The results of this study can be concluded as follows:

- 1) Fluocinolone acetonide at 1 and 10 μM concentrations enhanced type I collagen synthesis in human cultured dental pulp cells at 5 days.
- 2) 1 μM fluocinolone acetonide stimulated mRNA expression of type I collagen of human cultured dental pulp cells at 48 hours.
- 3) Fluocinolone acetonide had no effect in the *in vitro* calcification in human cultured pulp cells.