

and induction of early aggregation of fibroblasts.

REFERENCES

1. Albee, F.H., Morrison, H.E. Studies in bone growth triple calcium phosphate as stimulus to osteogenesis. *Ann. Surg.* 1920; **71**: 32.
2. Mellonig, J.T. Decalcified freeze-dried bone allograft as an implant material in human periodontal defects. *Int. J. Periodont. Restor. Dent.* 1984; **4**: 41-55.
3. Mellonig, J. T. Decalcified freezed-dried bone allografts in periodontal osseous defect. *J. T. Dent. Res.*, 1981; **60**: 338(abst 311).
4. Mellonig, J.T. Freeze-dried bone allografts in periodontal reconstructive surgery. *Dent. Clin. North. Am.* 1991; **35**: 505-520.
5. McClaim, P.K., Shallhorn, R.G. Long-term assessment of combined osseous composite grafting, root conditioning and guided tissue regeneration. *Int. J. Periodont. Restor. Dent.* 1993; **13**: 9-20.
6. Urist, M.R., O'Connor B.T., Burwell R.G. Bone Graft, Derivatives and Substitutes Butterworth -Heinemann,, Oxford,U.K.,1994.
7. Froum, S.J., Kushner, L., Scopp, I.W., Stahl, S.S.: Human clinical and histological response to Durapatite implants in itraosseous lesion *J. Periodontol.* 1982; **53**: 719.
8. Yukna, R.A., Cassingham R.J, Caudil, R.F., Evans, G.H Six month evaluation of calcitite (ceramicc hydroxyapatite) in periodontal osseous defect *Int. J. Periodont. Restor. Dent.* 1986; **6**: 34-35.
9. Yukna, R.A., Harrison, B.G., Caudil, R.F., Evans, G.H., Mayer, E.T et al: Evaluation of Durapatite ceramic as an alloplastiz implant in periodontal osseous defect II: Twelve-month reentry result. *J. Periodontol.* 1985; **56**: 540-47.
10. Yukna, R.A., Mayer, E.T., Brite, D.V. Longitudinal evaluation of durapatite ceramic as an alloplastic implant in periodontal osseous defect after 3 years. *J. Periodontol.* 1984; **55**: 633-637.
11. Saffar, J.L., Colombier, M.L., Detienville, R. Bone formation in tricalcium Phosphate-filled periodontal infrabony lesions. Histological observation in humans. *J. Periodontol.* 1990; **61**: 209-216.
12. Bowers, G.M., Vargo, J.W., Levy B, Emerson J.R., Bergquist J.J. Histologic observations following placement of tricalcium phosphate implants in human infrabony defects. *J. Periodontol.* 1986; **57**: 286-7.
13. Kenneth, W. M. Oral implantology case report. *NYS Dent. J.* 1986; **52**: 24-26.
14. Wagner, Jr. A 3½-Year clinical evaluation of resorbable hydroxyapatite Osteogen (HA resorb) used for sinus lift augmentation in construction with insertion of endosseous implants. *J. Oral Implantol.* 1991; **17**: 152-164.
15. Salmon A. Implication of cellular and molecular biology advanced in periodontal regeneration. *Anat. Rec.*, 1996; **245**: 361-373.
16. Pitaru, S., McCulloch, C.A., Narayanan, S.A. Cellular origins and differentiation control mechanisms during periodontal development and wound healing. *J. Periodont. Res.* 1994; **29**: 81-94.
17. Wang, H.L., Hamilton, R.L, Castelli, W.A, Chiego, D.J., Smith, B.A. Effect of Root Conditioning of Periodontal wound healing with and without Guided Tissue Regeneration: A Pilot Study I. Histological evulation. *Int. J. Periodontol. Restor. Dent.* 1993; **13**: 551: 560.
18. Monsmann T.: Rapid Colormetric Assay for cellular growth and survival: Application to Proliferation and cytotoxicity assay *J. Immunol. Meth.* 1983; **65**: 55-63.
19. Miroslave, F. Hand book of Immunochemistry. Chapman & Hall, London, UK, 1993.
20. Wada, T., Hara, K., Ozawa, H. Ultrastructural and histochemical study of β -tricalcium phosphate resorbing cells in periodontium of dogs. *J. Periodont. Res.* 1989; **24**: 391-401.
21. Wu, C.H., Hara K., Ozawa, H.: Enhanced Osseointroduction by intramuscular grafting of BMP- β -TCP compound Pellets into murine models. *Arch. Histol. Cytol.* 1992; **55**: 97-112.
22. Al-Ali, W., Bissda, N.F., Greenwell, H The effect of local doxycycline with and without tricalcium phosphate on the regenerative healing potential of periodontal osseous defects in dogs. *J. Periodontol.* 1989; **60**: 582.
23. Metsger D.S., DePhilip, R.M., Hayes, T.G. An autoradiographic study of calcium phosphate ceramic bone