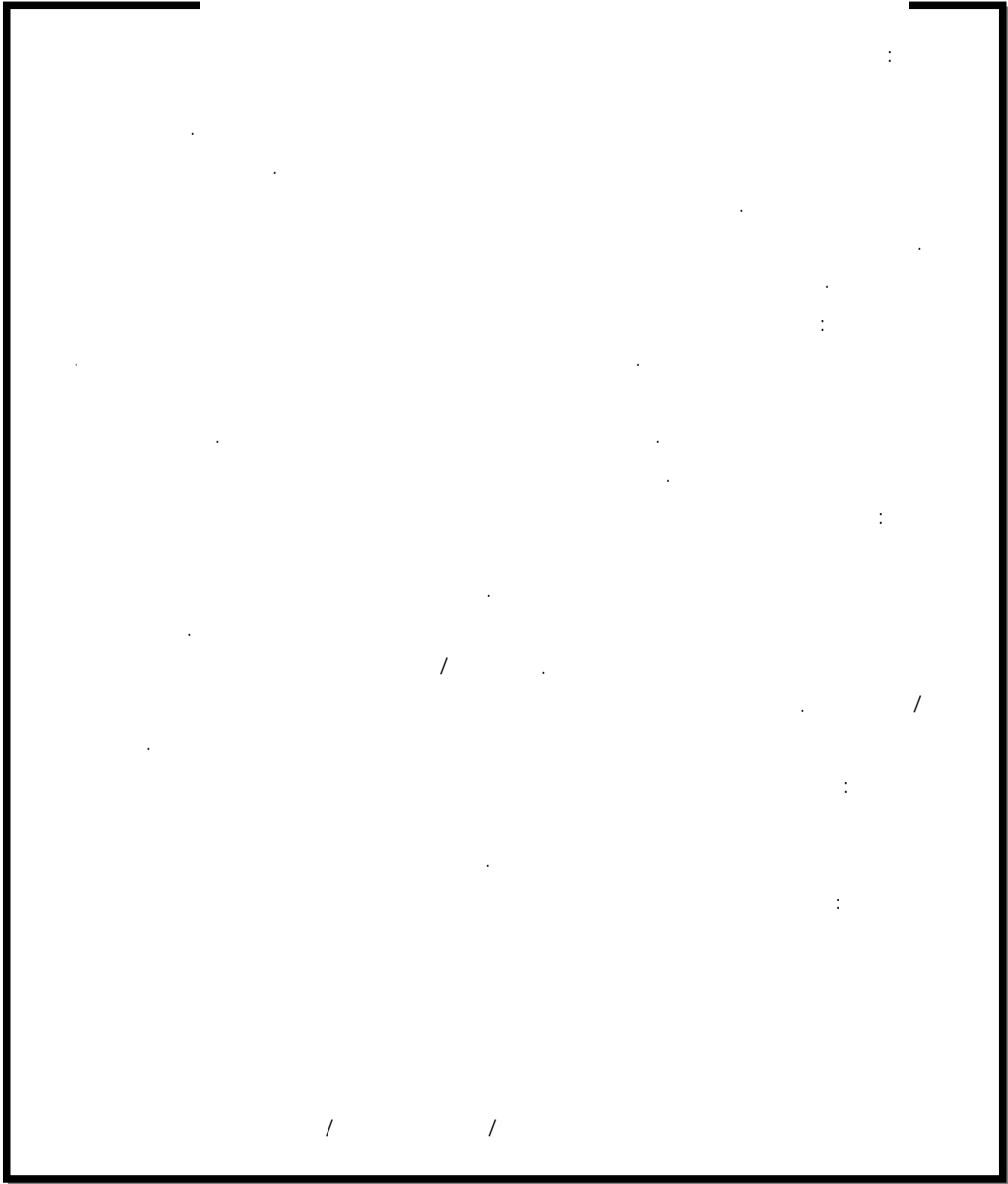


*

// : - // :



/ /

()

()

()

()

()

Fixed bone anchored Implant Bridge Restoration

()

()

**

()

Archive of SID

Attrad .

()

* Stability
** Adhesion, Cohesion



()

()

Dyna

H.A

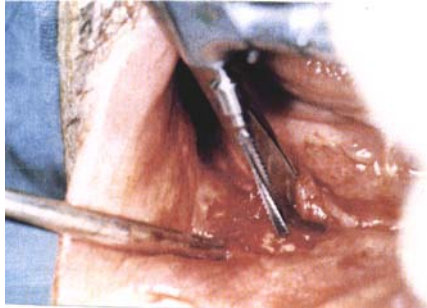
:Temporary Healing Screw.

Dyna ferromagnet abutment .

Archive of SID

)

(

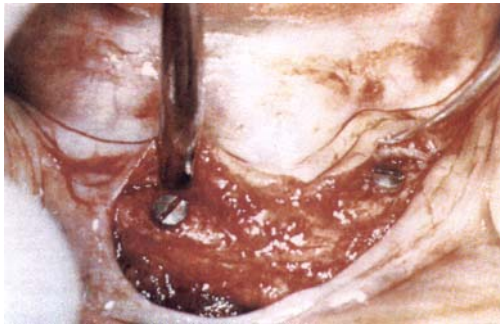


Starter :

Bone frais

()

(mm)*



H.A

**

()

000

()

- * Spade drill
- ** Cover Screw
- ***Healing abutment



()



X-Ray Tracing

()

Archive of SID

)

(

()

Alberkton Zarb

/

Archive of SID

Adell .

Hutlan .

Alberktson ()

Heming

Wolsley

()



()

()

37				73					
M.	D.	B.	L.	M.	D.	B.	L.		
					/			/	
								/	
								/	
								/	
								/	
								/	
								/	

M=Mesial , D=Distal , B=Buccal , L=Lingual

Fixed bone anchoragebridge

Chu .

Assad . ()

()

Van Kampen . ()

	37	33	
/		/	
/	/		
/	/	/	
/	/	/	
	/	:	

1. Heartwell C. Syllabus of Complete denture. 4th ed. Philadelphia: Lea & Febiger; 1986. P. 153.
2. Burns D, Unger JW, Elswick RK, Giglio JA, Burger MJ. Factors affect stability and Retention. J prosthet Dent 1995; 73: 354-57.
3. Caranza F, Newman M. Cliniacl periodontology. 8th ed. Philadelphia: W.B. Saunders Co; 1996. P. 697.
4. Zarb G, Symington J. Osseointegrated dental implants. J Prosthet Dent 1993; 50: 271-79.
5. Naert I. Patient evaluation and treatment planning. J Dent 1997; 25: 5-11.
6. Attard NJ, Zarb GA. Long-term treatment outcomes in edentulous patient with implant overdentures: the Torontostulg. Int J prosthodont 2004; 7: 425-33.
7. Zarb GA, Alberktson T. osseointegration-A requiem for the periodontal ligament. Int J Periodontics Restorative Dent 1991; 11: 88-91.
8. Heming KW, Schmit A, Zarb GA. Complication and maintening for Fixed prosthesis and overdenture. J Oral Max Implant 1994; 9: 191-95.
9. Meffert R, schmilt A, Zarb GA. what is osseointegration. J Periodontal Res 1987; 7: 9-11.
10. Adell P, Lekholm U. 15 years study as osseointegration implant. J Oral surg 1981; 10: 387-95.
11. Ericson J. probing depth at implant. J clin Periodontol 1993; 20: 263-70
12. Chu FC, Deng FL, Siu AS, Chow TW. Implant-tissue supported, magnet-retained mandibular overdenture for an edentulous patient with Parkinson 's disease. J Prosthet Dent 2004; 91: 219-22.
13. Assad AS, Abd EL-Dayem MA, Badawy MM. Comparison Between mainly mucosa-supported and Combined mucosa-implant supported mandibular overdentures. J Implant Dent 2004; 13: 386-94.
14. Van-Kampen F, Cune M, Vander B, Bosman F. Retention and postinsertion maintenance of bar-clip, ball and magnet attachments in mandibular implant overdenture treatment. Clin Oral Implants Res 2003; 14: 720-26.