

Splinted Crowns for a Single Implant

Fantastic Five

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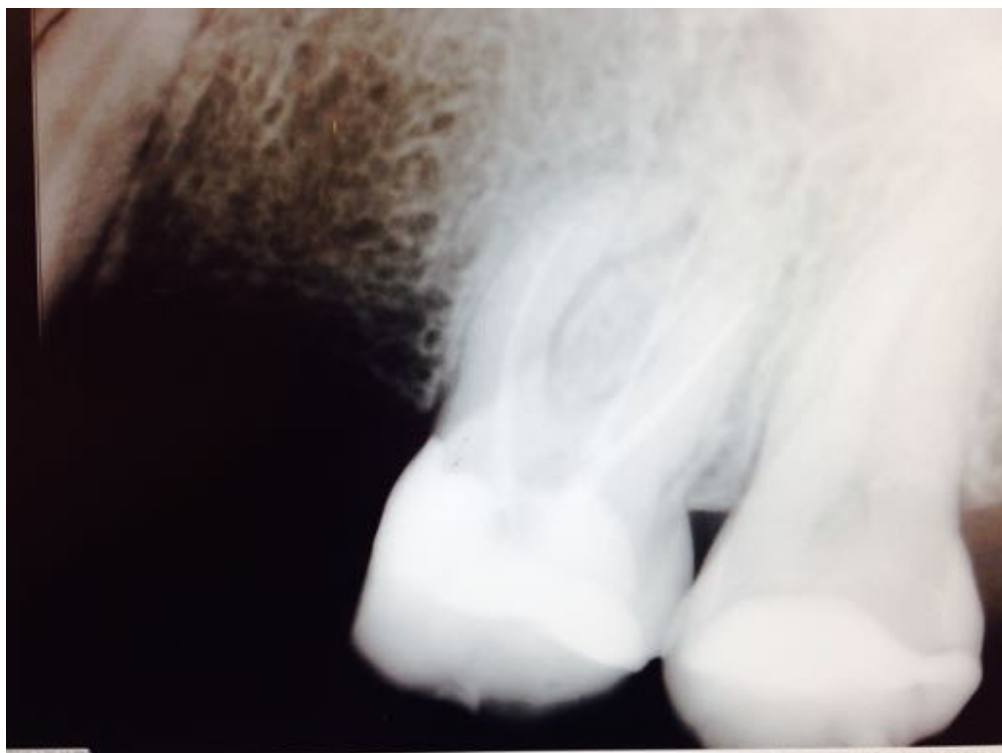
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Case

- Hispanic female, 49 years old
- Medical history – non-contributory, NKDA
- Social history – non smoker, no alcohol use, no recreational drug use
- CC – “I want to replace the teeth in upper left back tooth region”
- Exam – missing #12, #13 – lost due to caries in 2012.
- Nov 2015 – OMFS Consult
- Jan 2016 – Ridge preservation, implant placement
- Implant – wide diameter, 4.8mm x 10mm
- Aug 2016 – Splinted crowns delivered





Mandibular

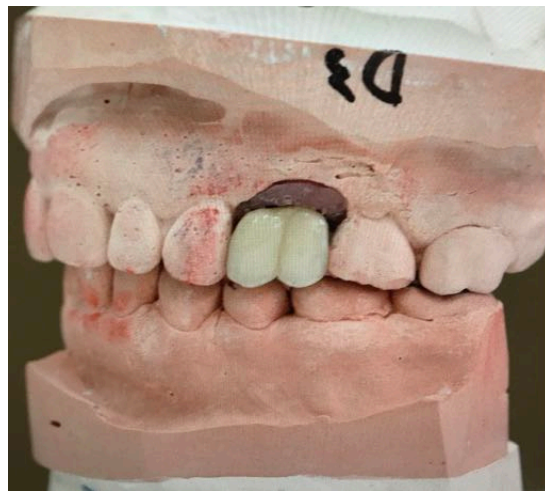


PROGNS		1	1	1		1	1	1		1	1	1		1	1	1	
MOBIL		0	0	0		0	0	0		1	0	0		0	0	0	
FURCA		0	0											0	0		
PLAQUE		1 1 1	1 1 1	1 1 1		1 1 1	1 1 1	1 1 1		1 1 1	1 1 1	1 1 1		1 1 1	1 1 1	1 1 1	
BLEED		0 0 0	0 0 0	0 0 0		0 0 1	0 1 0	0 0 0		0 0 0	0 0 0	0 0 0		0 0 1	0 1 1	1 1 1	
CAL		2 2 2	3 1 2	2 1 2		2 1 3	2 0 2	2 0 1		1 0 1	1 0 1	1 0 2		2 0 2	2 2 2	2 1 2	
GM-CEJ		-1 -1 -1	-1 -1 -1	-1 -1 -1		-1 -1 -1	-1 -1 -1	-1 -1 -1		-1 -1 -1	-1 -1 -1	-1 -1 -1		-1 -1 -1	-1 -1 -1	-1 -1 -1	
POCKET		3 3 3	4 2 3	3 2 3		3 2 4	3 1 3	3 1 2		2 1 2	2 1 2	2 1 3		3 1 3	3 3 3	3 2 3	
Lingual		2 2 2	3 1 2	2 1 2		2 1 3	2 2 2	2 1 1		1 1 1	1 1 1	1 1 2		2 2 2	2 2 2	2 1 2	
		M			M								M				M
		32	31 N	30	29	28	27	26	25	24	23	22	21	20	19 N	18 N	17
Facial		2 2 2	2 2 2	3 2 2		2 3 3	2 2 2	2 2 2		1 1 1	1 2 2	2 2 2		2 2 2	2 1 2	2 1 2	
		M			M								M				M
POCKET		3 1 3	3 3 3	4 1 3		3 1 4	3 1 3	3 1 3		2 1 2	2 1 3	3 1 3		3 1 3	3 2 3	3 2 3	
GM-CEJ		-1 -1 -1	-1 -1 -1	-1 -1 -1		-1 -1 -1	-1 -1 -1	-1 -1 -1		-1 -1 -1	-1 -1 -1	-1 -1 -1		-1 -1 -1	-1 -1 -1	-1 -1 -1	
CAL		2 0 2	2 2 2	3 0 2		2 0 3	2 0 2	2 0 2		1 0 1	1 0 2	2 0 2		2 0 2	2 1 2	2 1 2	
BLEED		0 0 0	0 0 0	1 0 1		0 0 0	0 0 0	0 0 0		0 0 0	0 0 0	1 0 1		0 0 0	0 0 0	0 0 0	
PLAQUE		1 1 1	1 1 1	1 1 1		1 1 1	1 1 1	1 1 1		1 1 1	1 1 1	1 1 1		1 1 1	1 1 1	1 1 1	
FURCA		0	1	0										0	0	0	
KT		0 0 0	0 0 0	0 0 0		0 0 0	0 0 0	0 0 0		0 0 0	0 0 0	0 0 0		0 0 0	0 0 0	0 0 0	
DX		SC	SC	SC		SC	SC	SC		SC	SC	SC		SC	SC	SC	

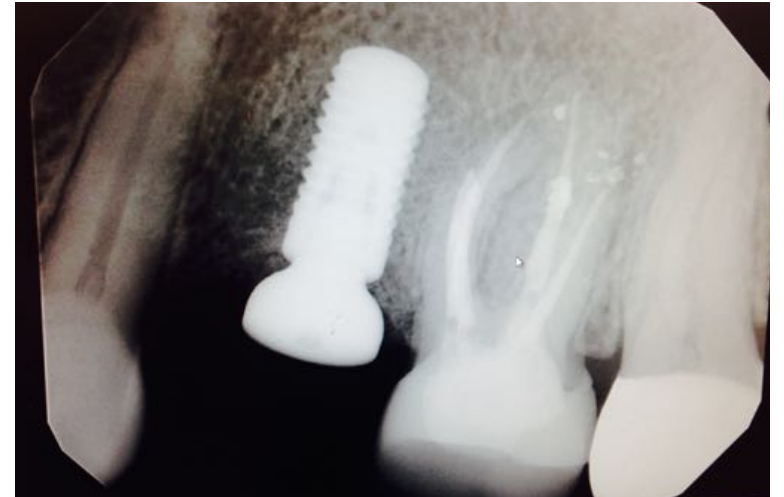
Pre-Op



Lab Work



Implant Placement



Post-Op



Splinted v Non-splinted Implants

- Mendonca et al - A Retrospective Evaluation of the Survival Rates of Splinted and Non- Splinted Short Dental Implants in Posterior Partially Edentulous Jaws
- Non-splinted posterior short implants had a somewhat lower success rate than splinted short implants, and the failure rate in non-splinted short implants appeared to be greater in males as well as in implants <10 mm

A Retrospective Evaluation of the Survival Rates of Splinted and Non-Splinted Short Dental Implants in Posterior Partially Edentulous Jaws Jose Alfredo Mendonça, Carlos Eduardo Francischone, Plinio Mendes Senna, Ana Elisa Matos de Oliveira, and Bruno Salles Sotto-Maior. Journal of Periodontology 2014 85:6, 787-794

Function of Splinted Implants

- Bogaerde et al - Early Function of Splinted Implants in Maxillas and Posterior Mandibles, Using Brånemark System® Tiunite™ Implants: An 18-Month Prospective Clinical Multicenter Study
- The present clinical protocol (aiming at high primary stability) and the use of oxidized titanium implants for early functional loading in the maxilla and the posterior mandible resulted in a high implant survival rate and a favorable marginal bone level during a follow-up of 18 months.

Early Function of Splinted Implants in Maxillas and Posterior Mandibles, Using Brånemark System® Tiunite™ Implants: An 18-Month Prospective Clinical Multicenter Study. Bogaerde, L. V., Pedretti, G., Dellacasa, P., Mozzati, M., Rangert, B. and Wendelhag, I. (2004) *Clinical Implant Dentistry and Related Research*, 6: 121–129. doi:10.1111/j.1708-8208.2004.tb00212.x

Thank You!