

# Center for Oral & Facial Enhance-



## Implant Healing Time Guide

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Healing of implants depends on several factors: Implant type, design, sized, surface, bone type, and patient healing in general. The following guide is a general time line based on current implant surface characteristics and design, allowing optimal and quick integration. This is a general guide only; it is important to communicate closely with the implant surgeon and consider the individual factors in the patient during decision making.

**Note: These healing times are based on use of tapered implants. Cylinder / parallel implants may require longer healing time as there may be less primary stability.**

Implant Region	Normal site* Implant 13mm or more	Normal site Implant 10mm or less**	Sinus lift site Implant min. 13mm	Onlay autogenous bone graft site Implant 13mm or more	Extraction preservation grafted site Implant 13mm or more	Immediate load ***
Maxillary Anterior D2 / D3 Bone	3-4 months	4-5 months	N/A	3-4 months	3-4 months	No
Maxillary Posterior D3 / D4 Bone	4-6 months	6 months	1-Stage: 6 m 2-Stage: 4 m	4-6 months	4-6 months	No
Mandibular Anterior D1 / D2 Bone	2 months	3-4 months	N/A	2 months	2 months	Yes
Mandibular Posterior D1 / D2 Bone	2-3 months	3-4 months	N/A	2-3 months	2-3 months	Yes
Mandibular Posterior D3 / D4 Bone	4-5 months	5-6 months	N/A	4-6 months	4-6 months	No

\*Normal Site: site not grafted, excellent bony anatomy; \*\* 8 mm implants are generally contraindicated in D4 and should be allowed to heal longer if necessary in posterior aspects; \*\*\* Immediate load protocol is multidimensional, generally the implant must have excellent primary stability which requires use of longer tapered implants in good quality bone in addition to minimizing occlusal forces

Bone	Characteristic	Ant. Max. %	Post. Max %	Ant. Mand. %	Post. Mand %
D1	Very hard and dense, mostly cortical bone, Oak wood hard	0	0	6	3
D2	less dense, more cancellous bone, Pine wood hard	25	10	66	50
D3	Mostly cancellous and softer, Balsa wood hard	65	50	25	46
D4	Spongy bone, least dense, mostly cancellous, Styrofoam hard	10	40	3	1