



# Periodontal Implant Center



## Dental Implant Fact Sheet

North

**When were the first dental implants placed?** 1965 by Dr. P. I Branemark in Sweden

**What is an implant made of?** 99% pure Medical Grade 4 titanium

**What is the average success rate of implants based on current research?** 95%

**Placement Guidelines:** *Depth = 3mm apical to gingival zenith*

*Buccal / Lingual = 1.8mm lingual to the facial gingiva at the level of the gingival margin*

*Spacing = at least 3mm between implants and 1.5mm between tooth and implant*

**Which is preferred, implant placement at the time of extraction or delayed after socket healing?** *At time of extraction (only if the implant can be stabilized in the ideal restorative position)*

**Can implants be placed in extraction sites where there is an apical abscess, root fracture or root resorption?**

*Yes (after careful disinfection of the site and only if there is adequate apical bone to stabilize the implant in the correct restorative position)*

**Do the threads make the implant stable?** *Yes, but only for the first 6 weeks – thereafter the threads do not offer any support for the fixture (bone cells grow directly to the implant surface by 6 weeks = osseointegration)*

**Can implants have immediate provisional crowns?** *Yes, but only in select cases that have ideal patient health, site health, excellent bone density that allows high initial implant stability and an occlusal scheme that can allow a provisional restoration with zero occlusal function.*

**Average healing time for implants:** *Placed in healed bone = 10 weeks*

*Placed in extraction sites = 14 weeks*

*Placed with sinus graft or significant bone graft: 5-6 months*

**Average healing time for a socket graft?** *12-14 weeks*

**Average turnaround time at the lab for fabrication of a custom abutment and final restoration?** *3-4 weeks*

**Recommended margin depths for custom abutments:** **Facial = 1.5mm**

**Mesial/Distal = 1.0mm**

**Lingual / Palatal – 0.75mm**

**Restorative clearance that would dictate a UCLA waxed-and-cast screw-retained restoration?** *5.5mm or less (6mm of vertical clearance is needed for a cementable or Screwmentable restoration)*

**Can you probe around dental implants with a metal probe?** *Yes (only necessary if signs of inflammation or evidence of radiographic bone loss that is progressive)*

**On average, how tall is a papilla between two implants?** *3mm*

**On average, how tall is a papilla between an implant and a natural tooth?** *5mm*

**What are the best instruments to use to clean cement / calculus from an implant collar?** *Gold or titanium*

**What are normal probing depths for anterior implants?** *3-5mm (5mm is very common mesial and distal due to the depth of the implant collar necessary to establish ideal emergence contours)*

**What % of cemented implant restorations have traces of residual cement after delivery?** *80%*

**What is the most common area for residual cement around an implant?** *Mid-facial and mid-lingual*

**Can an integrated implant be easily unscrewed out of the bone?** *Rarely – only if the bone is very soft*

**What is the average annual crestal bone shrinkage around an implant?** *0.1 to 0.2mm per year*

**What is the ideal width of attached gingiva around an implant?** *2mm or more (gingival grafting may need to be considered if there is less than 1mm of attached gingiva with associated chronic inflammation / peri-implantitis)*

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