

### **33. Methods used to assess implant stability - current status**

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Successful osseointegration is a prerequisite for functional dental implants. Implant stability is measured at two stages: primary and secondary. Primary stability comes from mechanical engagement with cortical bone. Secondary stability is developed from regeneration and remodeling of bone and tissues around the implant after insertion and is affected by primary stability, bone formation and remodeling. Implant stability can be evaluated by many methods such as clinical measurement of cutting resistance during implant placement, reverse torque test, periotest. This presentation highlights various methods to determine implant stability for successful long-term implant prognosis.

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