

Dental Implants

A dental implant is a titanium surgical grade fixture that is utilized to create the foundation for prosthetic tooth replacements. The Miracle of dental implants is based upon the concept of osseointegration or bone healing which results in fusing of the implant surface to the bone of the jaw. The most widely accepted and successful implant today is the osseointegrated implant, based on the discovery by Swedish Professor Per-Ingvar Brånemark that titanium can be successfully fused into bone when osteoblasts grow on and into the roughened surface of the titanium implant. This forms a structural and functional connection between the living bone and the implant. A variation on the implant procedure is the implant-supported bridge, or implant-supported denture.

Refer to [Dental Implants](#) section of the website for additional information.