NobelDirect™ Implants

The NobelDirect™ one-piece implant has a TiUnite™ surface for bone and soft tissue contact. This implant design makes it possible to avoid manipulation of the soft tissue after initial healing. The abutment portion of the implant is preparable, which makes it possible to create an individualized preparation borderline that follows the anatomy of the soft tissue margin without violating the soft tissue seal. Soft tissue in contact with the TiUnite™ surface has been shown to result in a normal appearance of the periimplant mucosa and a functional epithelium attached to the surface. A somewhat shorter epithelial barrier has been observed for soft tissue in contact with TiUnite™ as compared to implants with a machined surface 1,2.

Case reports with excellent implant stability, esthetics and patient satisfaction in the short-term perspective have been reported 3. Additional prospective single- 4 and multicenter 5, 6 studies are ongoing for further evaluation of the hard and soft tissue response to the NobelDirect™ implants; six-month results from one of these studies demonstrate a 97.9% cumulative implant survival rate and good patient satisfaction 5.

References

6 Clinical evaluation of NobelDirect implants diameter 3 mm. Ongoing study in four centers. Clinical Research Department, Nobel Biocare AB.