

## LITERATUR

**Ausgabe:** Implantologie Journal 3/19

**Thema:** Wissenswertes über Oberflächenbehandlung von Implantaten  
Nobel Biocare

---

1. Özcan M and Hämmerle C, Titanium as a reconstruction and implant material in dentistry: advantages and pitfalls. *Materials*. 2012 sep; 5(9): 1528–1545. Read on PubMed.
2. Abraham CM. A brief historical perspective on dental implants, their surface coatings and treatments. *Open Dent J* 2014;8:50-55. Read on PubMed.
3. Ogle OE. Implant surface material, design, and osseointegration. *Dent Clin North Am*. 2015;59:505-520. Read on PubMed.
4. Brånemark PI, Zarb GA, Albrektsson T. *Tissue-integrated prostheses: Osseointegration in clinical dentistry*. Chicago: Quintessence; 1985:201-8.
5. Bagnò A, Di Bello C. Surface treatments and roughness properties of Ti-based biomaterials. *J Mater Sci Mater Med* 2004;15:935–949. Read on PubMed.
7. Sul YT, Johansson CB, Röser K, Albrektsson T. Qualitative and quantitative observations of bone tissue reactions to anodised implants. *Biomaterials* 2002;23:1809–1817. Read on PubMed.
8. Hall, J. and J. Lausmaa (2000). Properties of a new porous oxide surface on titanium implants. *Applied Osseointegration Research* 1(1): 5-8. Read on PubMed
9. Ivanoff, C. J., et al. (2003). Histologic evaluation of bone response to oxidized and turned titanium micro-implants in human jawbone. *Int J Oral Maxillofac Implants* 18(3): 341-348. Read on PubMed.
10. Barfeie A, Wilson J, Rees J. Implant surface characteristics and their effect on osseointegration. *British Dent J* 2015;218:1-9. Read on PubMed.
11. Wennerberg A, Albrektsson T, Chrcanovic B. Long-term clinical outcome of implants with different surface modifications. *Eur J Oral Implantol* 2018;11(supp1): S123–S136. Read on PubMed.
12. Misch CE, et al. Implant success, survival, and failure: the International Congress of Oral Implantologists (ICOI) Pisa Consensus Conference. *Implant Dent* 2008;17(1):5–15. Read on PubMed.

13. Karl M, Albrektsson T. Clinical performance of dental implants with a moderately rough (TiUnite) surface: a meta-analysis of prospective clinical studies. *Int J Oral Maxillofac Implants* 2017;32(4):717–734. Read on PubMed.

14. TiUnite literature search. Nobel Biocare Services AG. September, 2018.

15. Ivanoff CJ, Widmark G, Johansson C, et al. Histologic evaluation of bone response to oxidized and turned titanium micro-implants in human jawbone. *Int J Oral Maxillofac Implants* 2003;18:341-348. Read on PubMed.

16. Glauser R, Portmann M, Ruhstaller P, et al. Stability measurements of immediately loaded machined and oxidized implants in the posterior maxilla. A comparative clinical study using resonance frequency analysis. *Appl Osseointegration Res* 2001;2:27-29. Access on ResearchGate.