

References

SEM investigation of implant surface characteristics

Dr Branislav Fatori & Dr Inge Schmitz, Germany

implants – international magazine of oral implantology 4/20

1. Buser, D., Janner, S.F., Wittneben, J.G., Brägger, U., Ramseier, C.A., Salvi, G.E.: 10-year survival and success rates of 511 titanium implants with a sandblasted and acid-etched surface: a retrospective study in 303 partially edentulous patients. *Clin. Implant. Dent. Relat. Res.* 2012, 14 (6), 839-851.
2. Fatori, B., Schmitz, I.: Untersuchung der Oberflächenbeschaffenheit von Implantaten unterschiedlicher Preiskategorien.. *DENT IMPLANTOL* (18)1 2014, S. 30–43.
3. Klinge, B., Meyle, J.: Soft-tissue integration of implants. Consensus report of Working Group 2. *Clin Oral Implants Res.* 2006 Oct;17 Suppl 2:93-6. doi: 10.1111/j.1600-0501.2006.001366.x.
4. Valverde, G.B., Jimbo, R., Teixeira, H.S., Bonfante, E.A., Janal, M.N., Coelho, P.G.: Evaluation of surfaces roughness as a function of multiple blasting processing variables. *Clin. Oral. Implants Res.*, 2013, 24(2), 238-242.
5. Zinelsi, S., Silikas, N., Thomas, A., Syres, K., Eliades, G.: Surface characterization of SLActive dental implants. *Eur. J. Esthet. Dent.* 2012, 7(1), 72-92.
6. Alghamdi HS, Cuijpers VM, Wolke JG, van den Beucken JJ, Jansen JA: Calcium-phosphate-coated oral implants promote osseointegration in osteoporosis. *J Dent Res.* 2013 Nov;92(11):982-8.
7. Mozzatti, M., Gallesio, G., Del Fabbro, M.: Long-term (9-12 years) outcomes of titanium implants with an oxidized surface: a retrospective investigation of 209 implants. *J. Oral. Implantol.* 2013, 31.
8. Liu, R., Lei, T., Dusevich, V., Yao, X., Liu, Y., Walker, M.P., Wang, Y., Ye, L.: Surface characteristics and cell adhesion: a comparative study of four commercial dental implants. *J. Prosthodont.*, 2013, 22(8), 641-651.
9. Canabarro, A., Diniz, M.G., Paciornik, S., Carvalho, L., Sampaio, E.M., Beloti, M.M., Rosa, A.L., Fischer, R.G.: High concentration of residual aluminium oxide on titanium surface inhibits extracellular matrix mineralization: *J. Biomed. Mater Res., A*, 2008, 87, 588-597.
10. Duddeck, D.: Kontaminationen und Rückstände auf steril verpackten Implantaten – eine rasterelektronenmikroskopische Oberflächenuntersuchung. *BDIZ ED konkret*, 04, 2009, 88-92.
11. Duddeck, D., Siranpour, Sch., Derman, M.A., Neugebauer, J., Zöller, J.: Qualität und Oberflächenbeschaffenheit steril verpackter Implantate, Rasterelektronenmikroskopische Untersuchung von 54 Implantaten mit qualitativer und quantitativer Elementanalyse *BDIZ EDI konkret* 01.2013, 95-106.
12. Duddeck DU, Albrektsson T, Wennerberg A, Larsson C, Beuer F. J : On the Cleanliness of Different Oral Implant Systems: A Pilot Study. *Clin Med.* 2019 Aug 22;8(9):1280. doi: 10.3390/jcm8091280. PMID: 31443535.