1. Increased bone contact to a calcium-incorporated oxidized commercially pure titanium implant: an in-vivo study in rabbit – V. Frojd, V. Franke-Stenport, L. Meirelles, A. Wennerberg

2. Surface characteristics of electrochemically oxidized implants and acid-etched implants: Surface chemistry, morphology, pore configurations, oxide thickness, crystal structure and roughness. – Eungsun Byon, Young-Taeg Sul, Ann Wennerberg


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5. Oxidized titanium screws coated with calcium ions and their performance in rabbit bone. – Young-Taeg Sul, Carina B. Johansson, Tomas Albrektsson


7. Importance of Ca2+ modifications for osseointegration of smooth and moderately rough anodized titanium implants – a removal torque and histological evaluation in rabbit – Frojd V, Wennerberg A, Franke- Stenport V

8. Bone Reactions to Oxidized Titanium Implants with Electrochemical Anion Sulphuric Acid and Phosphoric Acid Incorporation – Young-Taeg Sul, Carina B. Johansson, Yunmo Kang, Dong-Gyun Jeon, Tomas Albrektsson


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21. The significance of the surface properties of oxidized titanium implant to the bone response: Special emphasis on potential biochemical bonding of oxidized titanium implants – Young-Taeg Sul

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48 Malmö University - Faculty of Odontology and University of Gothenburg Department of Biomaterials | on Ca²⁺ incorporation and nanoporosity of titanium surfaces and the effect on implant performance — Victoria Frojd (Supervised by Professor Tomas Albrektsson and Professor Ann Wennerberg)

Bone tissue (in rabbit): Importance of surface topography as well as anodization and Ca²⁺ incorporation for osseointegration

48.1 IJOMI - Increased bone contact to a Ca²⁺ incorporated oxidized c.p. titanium implant: an in vivo study in rabbit — Frojd V, Franke-Stenport V, Meirelles, L, Wennerberg A

48.2 CIDRR | Importance of Ca²⁺ modifications for osseointegration of smooth and moderately rough anodized titanium implants — a removal torque and histological evaluation in rabbit — Frojd V, Wennerberg A, Franke-Stenport V. Oral mucosa: Impact of nanoporosity for the sealing of oral mucosa


48.4 CIDRR | Important of Ca²⁺ modifications for osseointegration of smooth and moderately rough anodized titanium implants — a removal torque and histological evaluation in rabbit — Frojd V, Wennerberg A, Franke-Stenport V.

48.5 Oral mucosa: Impact of nanoporosity for the sealing of oral mucosa

48.5 Microbial biofilm formation on smooth nanoporous TiO₂ coated and anodized Ca²⁺ modified and titanium surfaces — Frojd V, Linderbäck P, Wennerberg A, Chávez de Paz I, Svensäter G, Davies J.

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AOR: Applied Osseointegration Research
MEP: Med Eng Phys.
SMM: J Mater Sci-Mater Med
SCT: Surface and Coatings Technology
IJP: International Journal of Prosthodontics
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