

Dental implants

Novel non-destructive and sustainable bonding of Zirconia reconstructions



Sustainable bonding of Zirconia: Non-invasive pre-bonding surface treatment of Zirconia.

Development stage: Pre-clinical/Explorative

Unmet need: Cost effective and sustainable bonding of Zirconia/ceramics to tooth and bone structure.

Existing treatment: Invasive on patient and material, non-sustainable application.

Patient target group:

All in need for inert and lasting (and decorative) reconstructions/replacements on tooth and bone structures.

Production/Treatment:

Fully applicable on the traditional method for production of ceramic replacements with CIP technique and then implemented by standard procedures into the patient.

Market:

An estimated 40 million edentulous people only in the western world. According to Millennium Research Group's (MRG's) new US Markets for Dental Implants 2009 report, the US dental implant market will exceed \$1 billion by 2013.

Intellectual Property:

One patent pending (priority 2009)

Strategy:

Out-licensing, Spin-out

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