

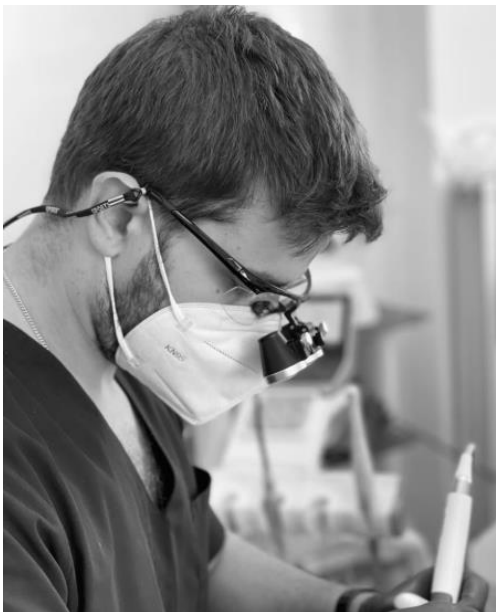


Clinical case

DESS® CONICAL BLT implant placed on
tooth 13 post-extraction

Dr. Nikolaos S. Karatzeas presents an implant case from removal of
right upper canine due horizontal crack





Dr. Nikolaos S. Karatzeas

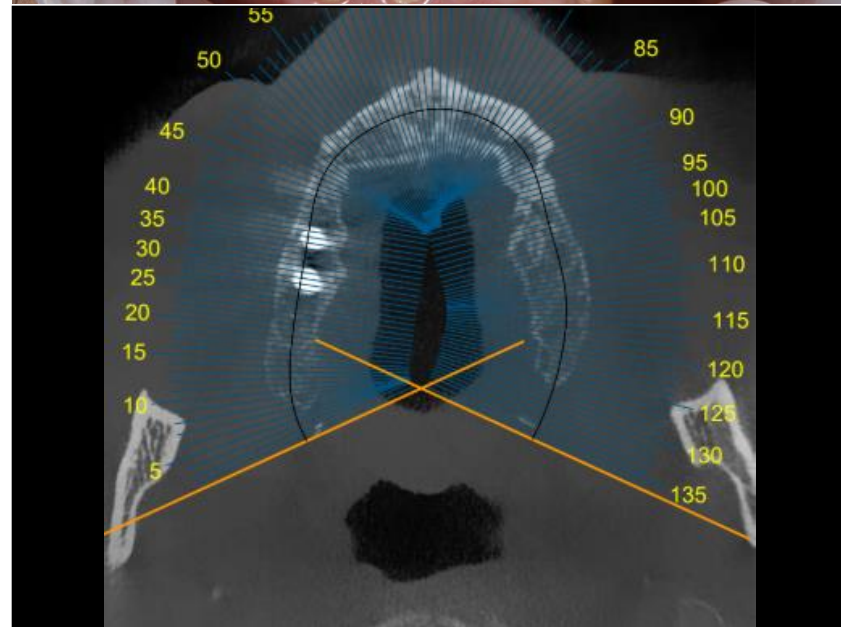
Kalamata (Greece)

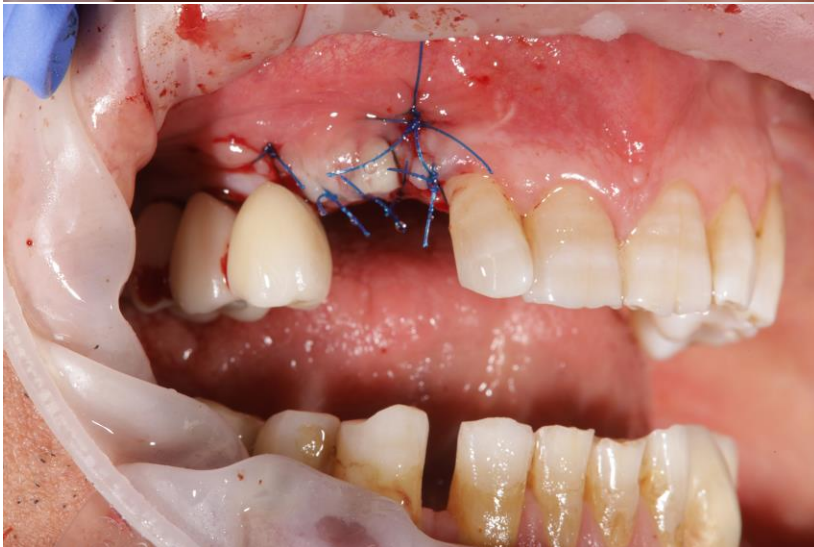
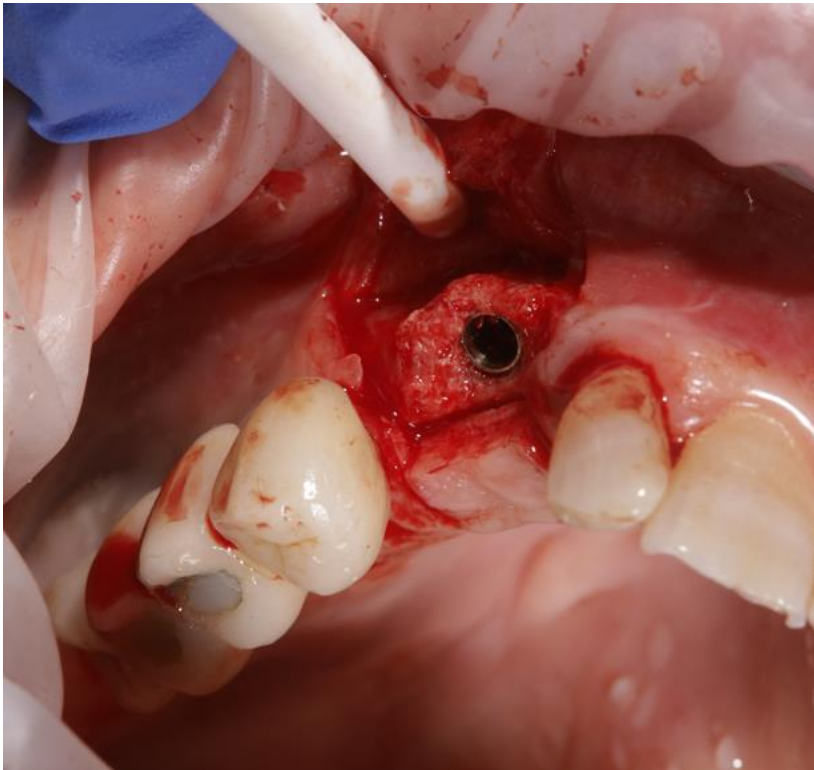
CASE PRESENTATION

A male, 62-year-old patient with a history of hypertension, smoker and good oral hygiene.

He was referred to Dr. Karatzeas by another dentist to offer the patient a solution for a fallen upper right canine.

After examination it was found that the tooth had a horizontal crack and therefore had to be extracted..





After analyzing the clinical situation, the treatment plan consisted of extracting the patient's tooth 13 atraumatically using the Piezotome and then placing an implant in the most ideal position at the same time.

The implant selected was DESS Conical BLT 3.3 x 8 mm placed at a torque of 13 Ncm due to the elliptical anatomy of the alveolar socket.

The space between implant and alveolar socket is covered with autologous bone graft harvested from the patient during the osteotomy.



Healing abutment for CONICAL BLT platform NP was placed to support the graft and not collapsed.

It was decided to wait four months for osseointegration before finally carrying out the definitive prosthetic restoration treatment.

The material of choice was a Multilayer Zirconia crown on DESS Titanium Abutment angled 15°





DESS® CONICAL BLT IMPLANT



TECHNICAL INFORMATION

- Cold worked Titanium Grade IV
- Same implant platforms and lengths as Straumann® Bone Level®.
- Internal cross connection
- OST by DESS® (Osseointegration Surface Technology) - acid etch and sandblasting treatment. Complies with SLA standards.
- Bone level tapered implant design
- Esterilised by radiation
- CE: Class IIb
- FDA: Class II



FEATURES

- Pure Switch® concept
- Dual function connection: internal conical at 15° with 4 internal grooves that improve stability
- Packaging: PET blister, titanium vial and cardboard box
- Tapered apical and self-cutting design



CLINICAL BENEFITS

- The tapered apical threads and self-cutting design are ideal for soft bone or very soft bone.
- The bone level tapered implant design allows for maximised crestal bone preservation and microgap control.
- All the features combined together provide excellent primary stability.
- Pure Switch®: The implant can be placed with DESS® Surgical Kit or Straumann® Bone Level® Surgical Kit ¹ and protocol.
- Cold worked Titanium Grade IV for superior mechanical resistance.

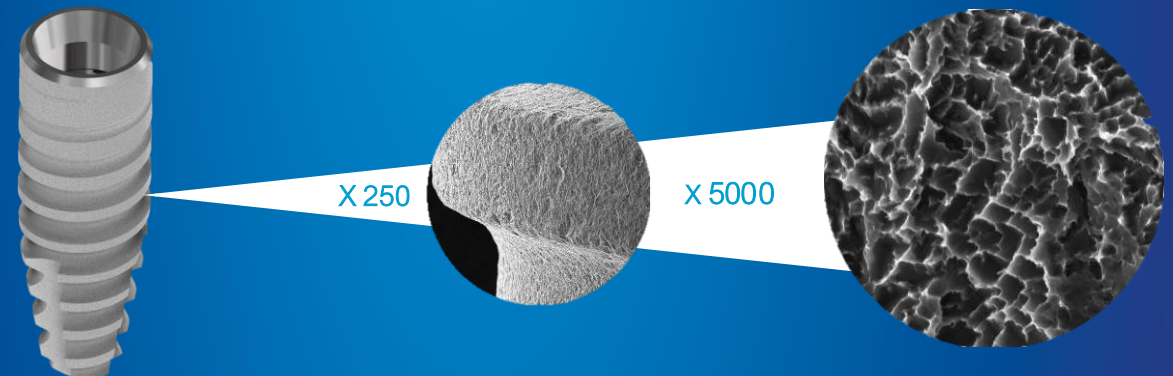


BUSINESS BENEFITS

- Pure Switch®: Lower investment by using Straumann® Bone Level® tools with Conical BLT® implant.
- Zero Waste - consists in recycling and reusing 100% of it's packaging. For every 10 empty packs returned, DESS provides 1 free implant.



OSSEOINTEGRATION SURFACE TECH OST by DESS®





Dr. Nikolaos S. Karatzeas
Greece

- University of South Carolina UpState- Bachelor Degree 2009 – 2013
- Doctor was enrolled on PreDental Program taking the Prerequisite for dentistry
- Dentistry. Medical University of Sofia 2013 - 2018
- Owner since 2020 Karatzeas Dental Care, in Kalamata (Greece), focusing on Dental Implantology, Aesthetic Dentistry, Digital Dentistry and Periodontology

