

27th EURO DENTISTRY CONGRESS

&

27th Global Summit Expo on

DENTAL SCIENCE AND DENTAL PRACTICE

July 15-16, 2019 | London, UK

Case Study: Osseointegrated fractured implant with intermediary pillar and protetic crow

Alida Lucia Cardoso

Federal University of Uberlandia, Brazil

Statement of the Problem: Although the fracture of osseointegrated dental implants is an uncommon phenomenon and of multifactorial causes, they do not currently have as a treatment proposal, the possible reuse of the implant with the use of intermediate pillar and prosthetic crown, seeking their reuse, leaving only the proposed alternatives of: implant burial, removal and replacement by new implant or rehabilitation with removable prosthesis. The purpose of this study is to reuse fractured and osseointegrated implant with intermediate pillar and prosthetic crown.

Methodology & Theoretical Orientation: Case study of a participant with a fractured implant External hexagon installed in the situation where their internal threads are possible to receive intermediate pillar for the preparation of a prosthetic crown in the maxilla or mandible in the perspective of reuse of the implant and clinical and radiographic analysis of this set by the Researcher. And, it will be excluded, any implant that does not have half the length of the internal thread to receive the active part of the bolt of the intermediate pillar, cracks in the head of the implant, that does not have osseointegration with a length of less than 6mm and any one that cannot being in occlusal equilibrium.

Findings: Interposed cone-Morse intermediate pillar with temporary crown of Acrylic resin was implanted on osseointegrated implant and clinical-radiographic analysis were its stability, with support in the adjacent element.

Conclusion & Significance: It is possible to use the intermediate pillar and prosthetic crown on fractured implant with support in the adjacent element as a tool for the use of osseointegrated implant in an adult participant, but future studies should be carried out as an innovative subject.

alidalucia@gmail.com

Notes: