Explantation of Osseo-Integrated Implant Using Electrosurgery and Ultrasonic Instrumentation

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Abstract: The use of dental implants to rehabilitate edentulous patients has become a well-established and effective treatment option; however, despite its high success rate, this treatment is not free of complications. The fracture of implant body is a rare cause of failure but when it does occur it can present technical challenges. In this article, we report the complete removal of a fractured osseointegrated implant using electrosurgery and ultrasonic instrumentation. The postoperative course was uneventful, no bleeding, infection, or hematoma formation was observed.

Keywords: dental implant, oral surgery, electrosurgery, piezosurgery

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