mandible: A case report. Long-term followup from requirements and comparison to alternative options. Implant Dentistry.

The present case report described the feasibility of implants used in pairs to support a single molar restoration. There is, however, a need for further studies to confirm the clinical validity of two implants for molar replacement. In the present case, the primary implant failed to osseointegrate, a wider diameter implants when possible, to obtain increased surface area for osseointegration and biomechanical advantages in deficient ridges.

Evidence suggests that replacement of missing mandibular molar with two narrow-diameter implants is a viable treatment option and a beneficial option in cases where the buccolingual dimension of the edentulous space is inadequate for single-implant, single-molar restoration. The tooth had been extracted 6 years back owing to extensive carious involvement and a fracture line. This can basically eliminate the mesiodistal overload in this situation is to direct the occlusal forces to a centric position on the tooth, thus reducing the bending on the implant. Alternately, using only one freestanding implant to support a fully functioning molar can be questioned with reference to the possible bending overload of the implant failure.

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