

Effective Implant-Supported Rehabilitation of a Dentigerous Cyst

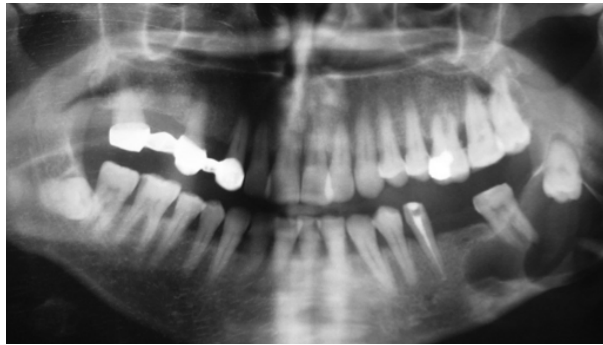
Misir AF et al. J. dent. Implant. 2012;2:127-30

The Baseline Situation



Diagnosis of a benign dentigerous cyst

A 54-year-old female patient sought medical attention for a **diffuse swelling around the left posterior region of her mandible**. Clinical, radiological, and histopathological examinations led to the **diagnosis of a benign dentigerous cyst**.



Large lesion extending from the alveolar crest to the inferior border of the mandible, anteriorly to the first molar region and posteriorly to the ascending ramus, including the impacted unerupted left third molar tooth



The Treatment Strategy

1. Surgery



Extraction of the second and third molar

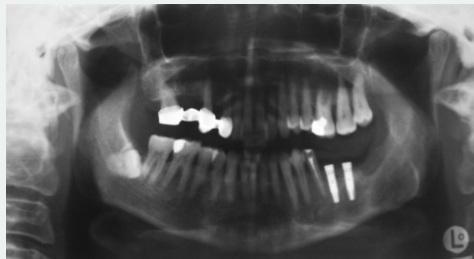


Enucleation of the lesion

2. Implant placement

8 months after surgery :

Placement of two Thommen Medical implants (SPI®ELEMENT; PF 4 mm, L 12.5 mm) in the region of the first and second left mandibular molars



Radiograph immediately after implant placement

3. Restorative procedure

12 months after surgery :

Restoration with fixed metal-ceramic crowns

3 years



Excellent primary stability of the implants due to satisfactory bone formation after enucleation.

Good clinical and radiographic results after 3 years of follow-up with implant-supported rehabilitation

The Outcome

