



Clinical response of edentulous people

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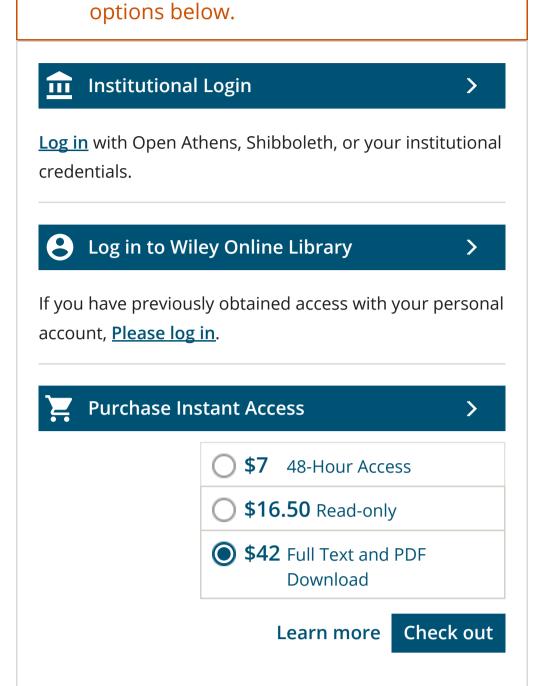
Original Article

## treated with mini dental implants in nine dental practices Torsten Mundt ⋈, Christian Schwahn, Thomas Stark,

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**Abstract** Objectives To analyse implant survival, prosthetic aftercare

and quality of life (QoL) after stabilisation of

complete dentures with mini-implants.

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## Background

experience.

surgery. Studies on minimally invasive and lowcost mini-implants remain rare. Materials and methods

private practices were evaluated via patient

questions and the German short version of the oral health impact profile (OHIP-G14) were analysed. Results

## had to be removed. In addition, four

mandible was not statistically significant (p = 0.581). All original 144 overdentures remained functional. The prosthetic interventions were typically limited to repairs of acrylic base fractures (about one in five patients), changes of plastic O-rings and relining procedures. The participants showed OHIP-G14 scores (median = 2) that were comparable with those of patients with overdentures retained by conventional implants. Conclusions Mini-implant survival was similar to that of

## **Citing Literature**

implants are warranted.

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Many edentulous patients refuse implant therapy due to the expenses and fear of

A total of 133 participating patients from nine

records, questionnaires and clinical examinations. Complications, maintenance, QoL

After 7 to 61 months, 15 of 336 maxillary implants and 11 of 402 mandibular implants

mandibular implants experienced fracture. The difference between the 4-year survival rates of

94.3% for the maxilla and 95.7% for the

regular-diameter implants. Although some prosthetic aftercare was necessary, none of the overdentures had to be replaced. Prospective studies comparing conventional and mini-

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