Several implantologists have, in the past decade, discussed the influence of implant diameters on the restoration of edentulous spaces. Standard or wide diameter implants are advantageous since they can be inserted in situations in which the space problems do not present a barrier to osseous crest formation or ridge length. However, very small diameter implants can meet the expense of, bone grafting or afford treatment option, techniques that allow placement of a mini implant in the prepared edentulous space. When inadequate bone is present for placement of a standard diameter implant, a mini implant can be used. The mini implant can be inserted using minimally invasive procedures without major surgical intervention. Following placement, a provisional prosthesis is supported by the mini implant and produced. At the time of restoration, the implant is surgically exposed and the provisional prosthesis is converted into a final prosthesis.

A 2 year retrospective study was performed to evaluate mini implants in selected edentulous sites. Anite Balaji, Jumshad B. Mohamed, and R. Kathiresan performed the study, with the aim of evaluating mini implants for edentulous sites. The study included a sample group of 11 patients (7 women and 4 men) with a mean age of 53 years. The patients included 8 single-tooth restorations and 3 multiple-tooth restorations. The study was conducted at Sree Balaji Dental College and Hospital, Chennai, India.

The study included the use of mini dental implants (MDI) with a 4 mm diameter and a length of 8 mm or 10 mm. The mini implants were inserted using minimally invasive procedures without major surgical intervention. Following placement, a provisional prosthesis was supported by the mini implant and produced. At the time of restoration, the implant was surgically exposed and the provisional prosthesis was converted into a final prosthesis. The mini implants were inserted using minimally invasive procedures without major surgical intervention.

The study concluded that mini implants can be used in selected edentulous sites. The study also concluded that mini implants can be used in selected edentulous sites. The study concluded that mini implants can be used in selected edentulous sites. The study concluded that mini implants can be used in selected edentulous sites. The study concluded that mini implants can be used in selected edentulous sites.