



Lecture Abstract

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Main implantological topics:

- Immediate loading
- Overdenture

Professional skills:

- Periodontology
- Implantology
- Active member of the Italian Society of Osseointegration
- Active member of the European Association for Osseointegration since 2004

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SynCone® protocol in edentulous patients: long-term results.

Overdentures represent a valuable and reliable treatment for completely edentulous patients. Patients wearing overdentures demonstrate a better chewing ability, nutritional status, emotional stability and esthetics. It has been shown that immediate loading of dental implants achieve very good histological and clinical results. Several authors have focused on overdentures with immediately loaded dental implants. Aim of this study was



to report long-term results with SynCone®. Between January 02 and May 07 a total of 636 ANKYLOS® implants were placed and immediately loaded in 77 edentulous mandibles and in 82 edentulous maxilla (four implants in each jaw). 145 patients were monitored in this study. Patients' age at implant placement ranged between 42 and 82 years. Panoramic X-ray was taken at implant placement, after 6 months and then yearly. MSBI and mPIL, patient satisfaction and technical complications were recorded. After a total observation period of 32,4 months (range 18-70) the implant cumulative survival rate was 98,3%. All other implants represented healthy peri-implant hard and soft tissue conditions. Six patients were not satisfied with the esthetic result; all others appreciated function, esthetic and retention of the restoration. Based on the present long-term data it was concluded that four implants support immediate loading in the edentulous mandible and maxilla. SynCone® crown could potentially provide adequate and constant retentive force to retain overdentures and reduce excessive micromovements.