The aim of this study was to evaluate patient satisfaction using the Oral Health Impact Profile 49 (OHIP 49) before and after treatment with implants and implant-supported bridge in the maxilla. Six implants (OsseoSpeed™, Astra Tech AB, Mölndal, Sweden) were placed in the maxilla and loaded with a temporary restoration within 24 hours after surgery.

Implant treatment resulted in improved total OHIP 49 scores in both centres with no significant difference between centres. All seven domains showed a statistically significant improvement (Fig. 2). Domain six and seven showed the lowest improvement and had also the lowest pre-treatment score.

Patient satisfaction increased after treatment with a fixed restoration on implants loaded within 24 hours. OHIP domains one to five (as illustrated in Fig. 2) seem to be the most important domains when trying to satisfy implant patients. Domains six and seven seem to be of less significance.

Awareness of the findings in this study, including low scores for domains “social disability” and “handicap”, may be of guidance for clinicians treating edentulous patients.

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