

The iSy[®] implant system – First analysis of one year results



The one year follow-up results showed that the iSy[®] system provides a reliable, time and cost effective implant treatment for patients from all age groups.⁽¹⁾

Aim

This retrospective study documents the use and success of the iSy[®] implant system with transgingival healing over a period of two years.

Material and Methods

All iSy[®] implants placed and restored between January 2013 and September 2014 in three centers were evaluated on the basis of patient demographics, surgical protocol, type of restoration and implant survival.

Results and Discussion

All implants were placed using a one-stage surgical approach in patients from 18 to 87 years of age (Fig.1). Half of the patients (54 %) received a single implant, 23 % were treated with two implants, 6 % with three implants, 15 % with four implants and 2 % with six implants. **The lean drilling protocol led to cost and time effective treatment.** The majority of the implants were placed in healed bone (95 %). Immediate (23 %) or delayed loading (77 %) were applied. The implants were restored either with single crowns, bridges, partial or full dentures (Fig. 2). The survival rate was 98 % corresponding to comparable studies with implants with conical connections or implants with the Promote[®] surface.⁽²⁾

Facts

Centers in Germany	3
Patients	87
Implants in maxilla and mandible	166
Immediate implantation	9 (5%)
Immediate loading	38 (23%)
Delayed loading	128 (77%)
Last follow-up	up to 2 years
Survival rate	98%

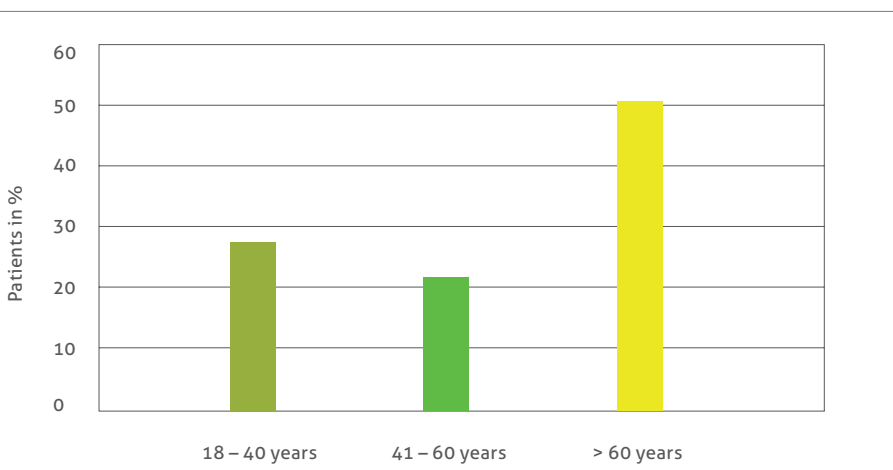


Fig. 1: Age distribution of the study patients: A good representation of the patient population was observed. Almost half of the population was younger than 60 (49.4%). (Graphic depicted from Ulrici et al. 2015)

TAKE HOME MESSAGE:

1. The iSy[®] implant system is indicated for a broad range of restoration types
2. The iSy[®] concept allows for a time and cost effective implant treatment
3. The iSy[®] implant system can be used for the adult population independent of the age range

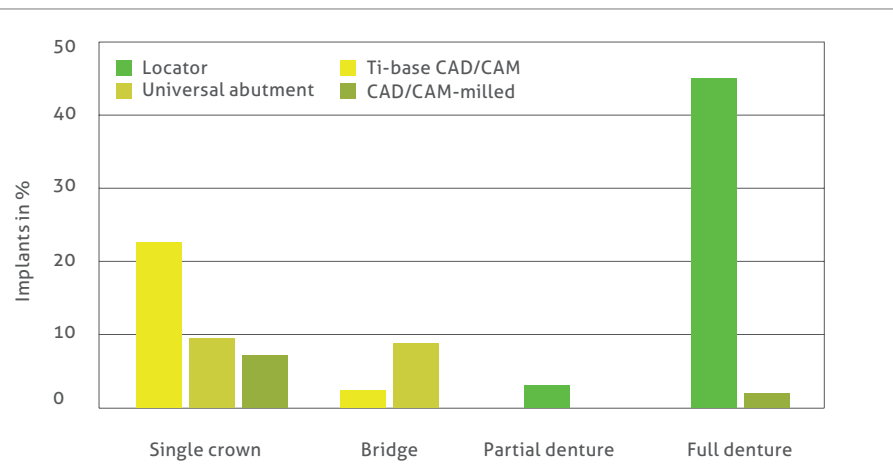


Fig. 2: Type of abutment used for the different restorations: Most implants in full dentures were restored with Locator abutments; the majority of single crowns were restored with Titanium bases. (Graphic depicted from Ulrici et al. 2015)

References

(1) Ulrici S, Barth T, Klenke J, Wolf M: Retrospective analysis of cases treated with iSy implants in three dental practices: one-year follow-up. Z Zahnärztl Implantol 2015;31:282-294. (in English and German)

(2) CAMLOG and Science, XJ6164.11/2013

iSy® is not registered in all markets.

HEADQUARTERS

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