Clinical Case
Custom-made Devices

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Custom-made Devices

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Nasal and oral reconstruction
Female patient
86 years old

Edentulous patient who has undergone a complete rhinectomy. Two extraoral bifunctional implants have been used for the nasal epithesis.

The solution for this woman was made possible by custom-made devices and CAD/CAM software.

FDI POS:
Edentulous maxila

A custom-made device is a product fabricated especially for a named patient according to specific characteristics and prescribed by an appropriately qualified doctor, who assumes full responsibility. Each custom-made device is only valid for one patient and for one indication or treatment.
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Initial clinical situation

Radiograph of the edentulous jaw.

Courtesy of Dr. Dawood, Dr. Tanner & Prof. Hutchison
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Complete rhinectomy

Due to cancer a complete rhinectomy had to be done.

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Bifunctional implant

Conventional Multi-unit abutments are ideally presented for connection of the nasal prosthesis. The heads of the implants are available intraorally for conventional prosthodontic reconstruction.

Base of nasal reconstruction.

Courtesy of Dr. Dawood, Dr. Tanner & Prof. Hutchison
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Implants in place

Radiograph after final implant placement.

Intraoral abutment ready for fixation of the maxillary prosthesis. The oral prosthesis is a simple resin prosthesis.

Courtesy of Dr. Dawood, Dr. Tanner & Prof. Hutchison
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Final solution

The nasal epithesis and oral prosthesis in place. The nasal epithesis is temporary and is being provided locally.