The SKY Locator® family

A new horizon for minimally invasive implant restoration
A large number of scientific studies have shown that the prosthetic restoration of elderly patients’ teeth often varies considerably. In 70% of cases, the prostheses do not hold well or not at all. According to the German Oral Health Study of 2006, in the Federal Republic of Germany alone, over 18 million elderly people are completely edentulous.

The primary cause of this is bone loss, which can cause fitting problems after just a few months, even in the case of very well adapted prostheses, meaning that patients find it difficult to eat and speak. These patients initially return for relining a few times, however as the same problems soon recur, they give up and the practice loses them as clients.

Assuming there is sufficient bone still available, these patients can be helped quickly and easily by using SKY classic, blueSKY or miniSKY implants with the appropriate SKY Locator® to secure the prosthesis in place.

Due to the low height of the structure and the various retention inserts, the SKY Locator® Family can be adapted very well to the individual needs of the patient, so that the prosthesis is held securely in place. The prosthesis can be removed for cleaning easily and quickly, and then refitted.

By using the standard and angled SKY Locator® and the miniSKY Locator®, you will be able to assist your patients in the best possible manner, thanks to a new horizon in minimally invasive implant restoration:

- **minimally invasive** implantation thanks to optimal use of local bone by selecting the right - SKY classic, blueSKY or miniSKY implant, and/or by opting for angled positioning of the SKY implants.

- Opting for an **angled fitting** of the SKY implants makes it possible to achieve, in a large number of cases, a **strong posterior position** of the implants, which in turn permits purely implant-borne, removable restorations, which offer **maximum comfort** to patients. It is often possible to carry out the work in the maxilla without involving the palate.

- by avoiding mesostructures, such as milled bars etc., it is also possible to manufacture these restorations in a very **cost-effective** manner.
The tried-and-tested original Locator® for SKY and blueSKY implants guarantees secure fixation of the existing prosthesis in the patient’s mouth, with minimum effort. If the implantation is carried out correctly with sufficient bone available, it is even possible to avoid augmentations.

After no more than three months, the Locator® matrices can be incorporated into the existing prosthesis. This process is made considerably easier by the low height of the structure and the compensation of the divergence of up to 20°. In addition to this, with the Qu-resin, bredent offers a fixation system that permits polymerisation of the matrices in just a few minutes.

Cleaning the prosthesis and abutment in the evening is much easier because the restoration is easy to remove, meaning that even patients with motor function limitations can handle this task without any problems.

The long-term stability of the bone around the implant is supported by the built-in platform switch. During regular follow-up checks, only the prosthesis’s pull-out forces need to be checked and only the retention inserts need to be replaced occasionally.

The three gingival heights available – two, four and six millimetres – can cater to all relevant clinical situations.

Older patients aged 60 or over are a rarity in many practices.

This situation has changed dramatically in our practice, since we started focusing more on care for these patients and were able to offer them reliable and cost-effective treatment using the SKY Locator® for the SKY Implant System.

A happy patient will introduce new clients to the practice, who also want to be able to eat and speak properly again, without fear of their prosthesis embarrassing them in public.
In just a few steps, the SKY Locator® is polymerised either chairside or in the laboratory in the existing prosthesis with Qu-resin, which represents a rapid and cost-effective improvement in the patient’s quality of life.

- Platform switch promotes long-term bone stability
- Affordable production of the prosthetic restoration thanks to polymerisation of the Locator in minutes® Matrices in the existing prosthesis
- Secure fixation of the existing prosthesis
Thanks to the angled SKY Locator®, I have been able to achieve an optimal, removable restoration in many patients.

The angled SKY Locators® have been a great help, especially when dealing with restorations in the maxilla, as more expensive milled bridges are no longer needed for the restoration.

In future, I will use this type of restoration as a matter of preference.

In many cases, the implants can only be fitted in an atrophied maxilla if they are angled or sharply angled, if physically challenging bone reconstructions are to be avoided. Until now, these implants could only be restored with costly mesostructures, whereby high costs were incurred in the manufacture of the prosthetic restoration. Thanks to the Angled SKY Locator® abutment system, it is now possible to quickly and easily correct the direction of insertion in the case of angled implants, and to use a simple, cost-effective prosthesis.

With the Angled SKY Locator®, simple implant-borne, removable restorations, which are supported posteriorly in the best possible manner, can be carried out easily even with a low bone height. Furthermore, implants inserted in the tuber area can also be restored using the Angled SKY Locator®. The patient therefore experiences a significantly better, more secure feeling with the removable prosthesis. Frequent relinings can be avoided in the long term. It is often possible to design the prosthesis in the maxilla as a removable bridge, without involving the palate.

Experiences with SKY fast & fixed spanning six years have been incorporated into the development of the Angled SKY Locator®. The Angled SKY Locator® is a two-part abutment system, consisting of the original Locator® cap and the SKY base. The base secures the angulation and is available as a 17.5° and 35° abutment. The same Locator® cap is used for both bases and the existing retention inserts of 0° – 10° can be used, as well as those of 10° – 20°.
Initially, the angled Locator® base is screwed in and then the Locator® cap is applied. The direction of insertion is corrected. It is now possible, as usual, to use all Locator® retention elements and the patient can insert and remove the prosthesis safely and easily.

- Allows cost-effective manufacture of prosthetic restoration using angled implants
- Frequent relinings can be avoided in the long term.
- Palate-free design of removable bridge in the maxilla available
Narrow jaws are a challenge when fixing removable restorations in older, edentulous patients. These patients often refuse to undergo augmentative measures or their general state of health requires a procedure that does not involve major surgery. This means that with the miniSKY Locator®, it is possible to implant mini²SKY implants in a minimally invasive manner and leave them to heal unstressed, and then treat the patient with the tried-and-tested Locator® after osseointegration.

In combination with angled implants fitted posteriorly and the angled SKY Locator®, implant-borne restorations can be carried out, which give the patients maximum comfort.

The mini²SKY Locator® is available in heights of 2 mm and 4 mm and offers, as a special feature, anti-rotation protection, with which the mini²SKY Locator® can be simply placed on the external precision Torx of the mini²SKY implant, meaning that the screws do not have to be loosened.

Fixation is carried out with the appropriate retaining screw. This ensures that the load is applied through the precision Torx in the implant and that the screw is protected from overloading. During this procedure, the original Locator® retention inserts of 10° to 20° can be used.
Clinical case

miniSKY Locator® abutments are fixed to the implants using the miniSKY retaining screw. The prosthesis is subsequently manufactured in accordance with the usual dental technical processes. Locator® retention elements of up to 10° – 20° are used for retention.

- This allows minimally invasive implantation, as no augmentation is required
- The retaining screw is protected against overloading, as the load is applied through the external precision Torx in the implant
- Maximum comfort when worn, thanks to angled implants fitted posteriorly
Order information

**SKY Locator®**

- **REF LOCZAB02**
  - SKY Locator® Abutment
  - Gingival height 2 mm

- **REF LOCLAB10**
  - SKY Locator® processing set
  - 0°-10°, 2 sets

- **REF LOCZAB04**
  - SKY Locator® Abutment
  - Gingival height 4 mm

- **REF LOCLAB20**
  - SKY Locator® processing set
  - 10°-20°, 2 sets

- **REF LOCZAB06**
  - SKY Locator® Abutment
  - Gingival height 6 mm

**Angled SKY Locator®**

- **REF LOCLAB172**
  - SKY Locator® Abutment 17.5°
  - Height 2 mm

- **REF LOCLAB10**
  - SKY Locator® processing set
  - 0°-10°, 2 sets

- **REF LOCLAB352**
  - SKY Locator® Abutment 35°
  - Height 2 mm

- **REF LOCLAB20**
  - SKY Locator® processing set
  - 10°-20°, 2 sets

**miniSKY Locator®**

- **REF m2SKYLC2**
  - miniSKY Locator®
  - Height 2 mm
  - 1 piece

- **REF m2SKYLC4**
  - miniSKY Locator®
  - Height 4 mm
  - 1 piece

- **REF LOCLAB20**
  - SKY Locator® processing set
  - 10°-20°, 2 sets

Figures not to scale. Subject to corrections and changes.
### SKY Locator® single products

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<th>REF</th>
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<tr>
<td>LOCZAK40</td>
<td>Impression coping</td>
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<td>LOCZLA40</td>
<td>Laboratory analogue</td>
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<td>LOCblock</td>
<td>Blocking ring</td>
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<td>LOCZWIML</td>
<td>Angle measurement gauge</td>
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<td>SKY Locator® Instrument</td>
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<tr>
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<tr>
<td>LOCZWED6</td>
<td>SKY Locator® contra-angle wrench</td>
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### SKY Locator® treatment concept

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<tr>
<td>540 0116</td>
<td><strong>Qu-resin pink</strong> sterillisable, quick hardening, auto-polymerising fixation system</td>
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Other offers that may be of interest to you

REF 000 501 GB
REF 000 250 GB
REF 000 200 GB

bredent medical GmbH & Co.KG
Weissenhorner Str. 2 | 89250 Senden | Germany
Tel. (+49) 0 73 09 / 8 72-4 40
Fax (+49) 0 73 09 / 8 72-4 44
www.bredent-medical.com
e-mail info-medical@bredent.com

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