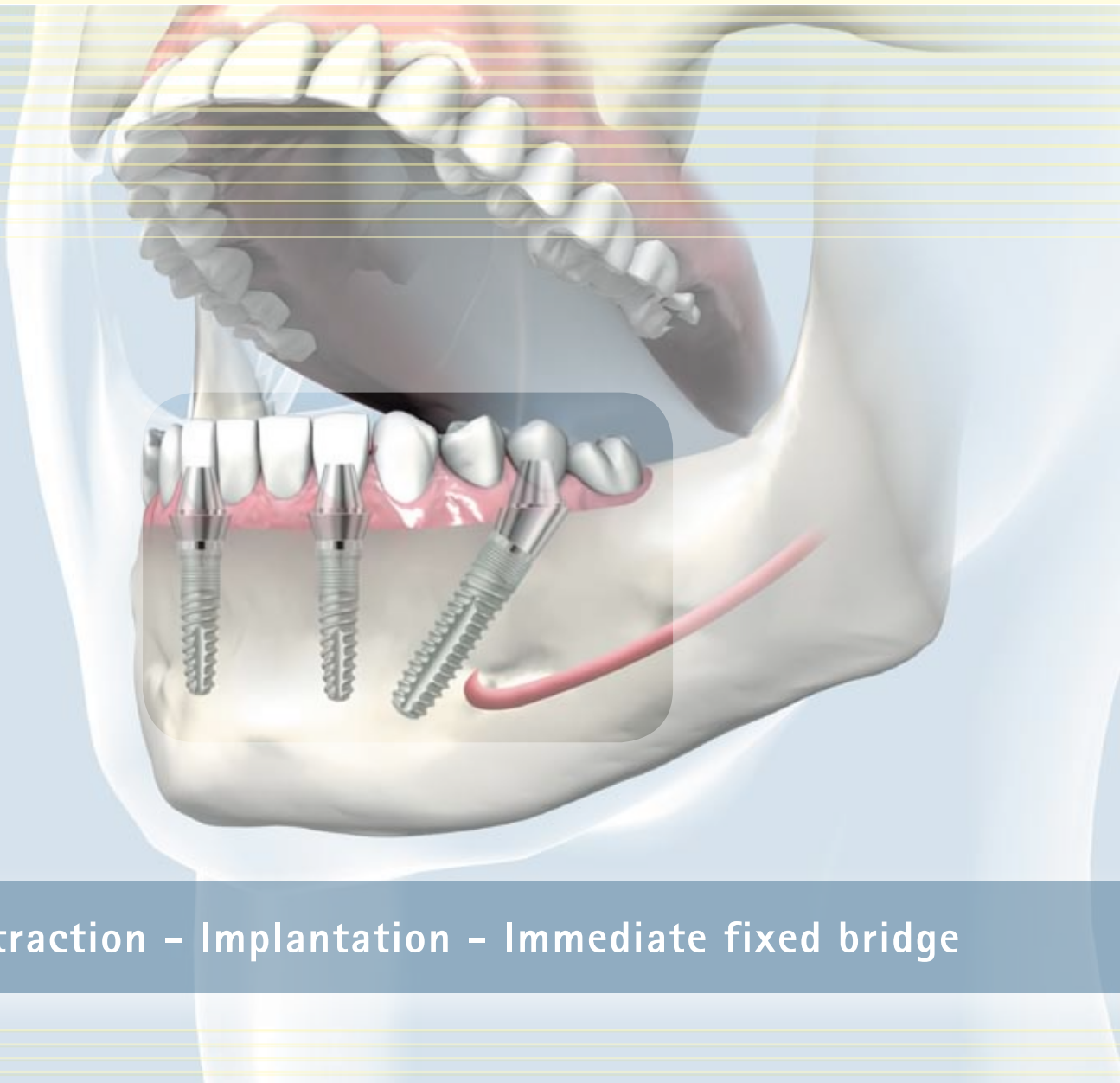


SKY fast & fixed



Extraction - Implantation - Immediate fixed bridge

Fixed bridges for immediate restorations

A growing number of patients with considerably damaged residual dentition refuse to have implants placed because of the fear of temporary absence of teeth. SKY fast & fixed allows the implantological team to offer such patients fixed restorations at a fixed price. This type of restorations which can be completed quickly and at an affordable price convinces even those patients who have such fears or can not do without functional and aesthetic restorations due to their positions in public life.

With SKY fast & fixed bredent medical offers a surgical/prosthetic system solution:

- **Immediate loading**
Suitable abutments for a fast and standardized procedure, both for surgery and prosthetics.
- **Use of the local bone**
Thanks to angular placement of implants, the local bone can be made optimal use of and complex surgery including augmentation procedures are avoided.
- **The bredent symbiosis**
Perfectly matched consumables ensure trouble-free workflow in the laboratory. The visio.lign veneers guarantee a good aesthetic result so that patients can frequently appreciate an improvement immediately after surgery.



Oral situation when entering the practice

09:00



Extraction



Implantation

Patient upon leaving the practice on the same day

15:00



Fixed bridge

Advantages:

- ▶ Scientific studies have shown that implants placed into the local bone have a higher survival rate than augmented implants.
- ▶ Enhanced posterior support of the fixed restoration by the angled implants ensures long-term success of the implant restoration.
- ▶ Since abutments are integrated into the implants during surgery, no additional surgery is required - this way patients will save time and money.
- ▶ Bone loss caused by the micro-gap is reduced since implants are practically rendered into single-component implants thanks to immediate integration of the abutments.

Standardization for success*

The surgical procedure required for SKY fast & fixed can be almost entirely standardized.

Surgical planning is carried out based on the precise analysis of the anatomical conditions.

After the extraction of non-preservationable residual teeth, inflammatory tissue is carefully removed and the bone is leveled. The nerve is exposed in the lower jaw.

The central implants are placed starting from the middle of the ridge. The parallelizing pins are used for orientation purposes when placing the angled, posterior implants. Then the 0° and 35° abutments are screwed on.

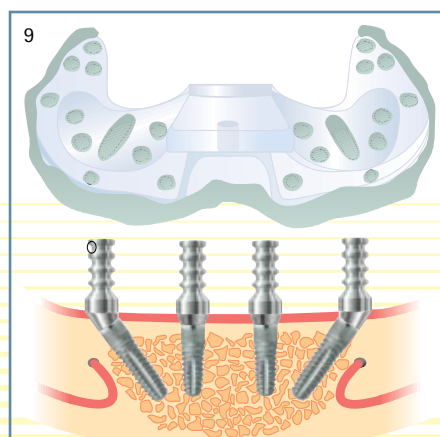
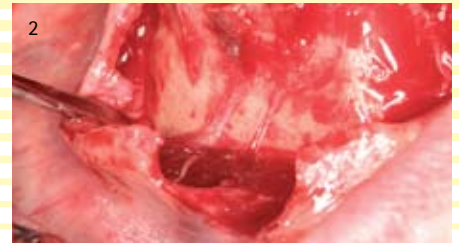
The suture is closed after screwing on the abutments.

A monophasic impression is taken on the level of the abutment using a closed tray.

The gingiva formers prevent the swelling soft tissue from covering the abutments.

A mushbite is prepared to determine the jaw relation.

The patient can recover in the relaxation room until his fixed bridge is integrated.



* Detailed procedure in the SKY fast & fixed manual

Fast and simple = appealing and fixed

A key aspect of SKY fast & fixed is the simple and reliable fabrication of the fixed temporary resin bridge.

In combination with bredent visio.lign veneers, dental technicians are enabled to fabricate appealing temporary restorations whilst avoiding timeconsuming and complex preparatory work.

After model fabrication and mounting in the articulator, the wax setup is done using the visio.lign veneers. Thanks to the design of the veneers, very little manual reworking is required. The setup is transferred to a matrix. The bridge body is completed after conditioning the veneers.

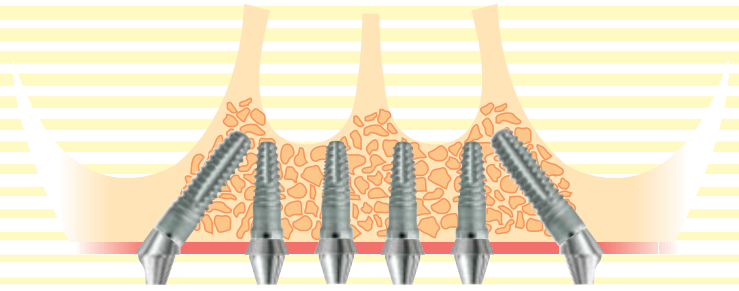
When fabricating the bridge, spacers ensure that only one prosthetic coping is integrated while the other are polymerized (stress-free) in situ. Then the bridge is polished in the laboratory.

The patient is enabled to leave the practice on the day of surgery with a fixed and appealing bridge. He can participate in social life again without any limitations.

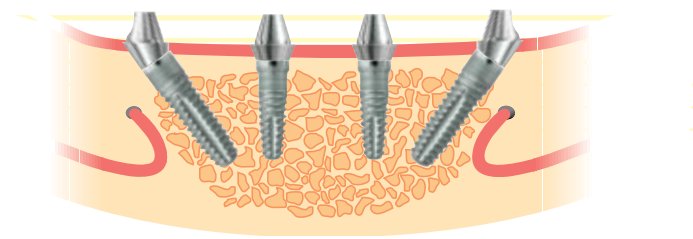


Making optimal use of the local bone

Insufficient maxillary bone height in the area of the sinuses frequently excludes implant placement. Thanks to the **blueSKY** implants that are inserted in an angled position along the sinus, the terminal abutment is distalized in the region of the first molar and hence allows a perfectly supported bridge restoration.



In patients who have been edentulous over a longer period, residual mandibular bone height above the mandibular channels is frequently insufficient. Consequently, the implant positions are limited to the area between the foramina mentalis. The „classic“ removable restorations with implants in regions 2 and 4 are selected. By making use of the local bone, SKY fast & fixed allows to obtain a statically favorable position of the abutments.



Preconditions

for the successful use:

- ▶ Experienced implantologist with expertise in surgery
 - ▶ Flexible dental technician who can quickly adapt to the respective situation
- Ideally, the dental laboratory should be close to the practice (in the same building).

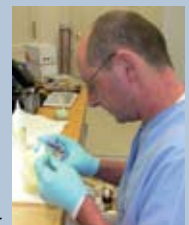


Dr. Steffen Kistler, Dr. Frank Kistler, Dr. Georg Bayer

SKY fast & fixed is a highly attractive product for our practice since it allows to standardize the work processes and facilitates after-treatment considerably because the fixed bridge avoids the formation of pressure spots which may cause non-scheduled patient visits. Moreover we have found out that patients take more time to receive the definitive restoration but also prefer restorations with a higher quality.

The fabrication of a fixed bridge within a short time is a challenge for all dental technicians which can be met by standardization and the use of modern materials and techniques. A standard routine can be obtained after a limited number of restorations, which also provides room for details.

Stephan Adler

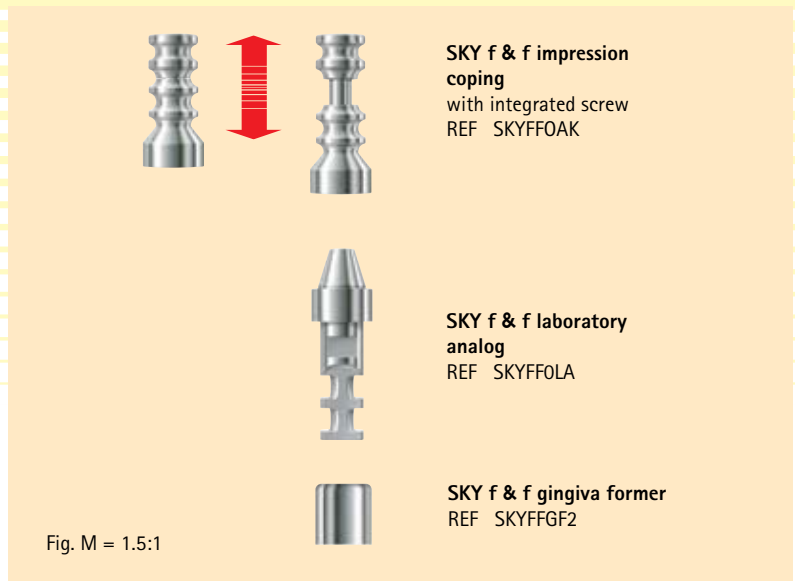
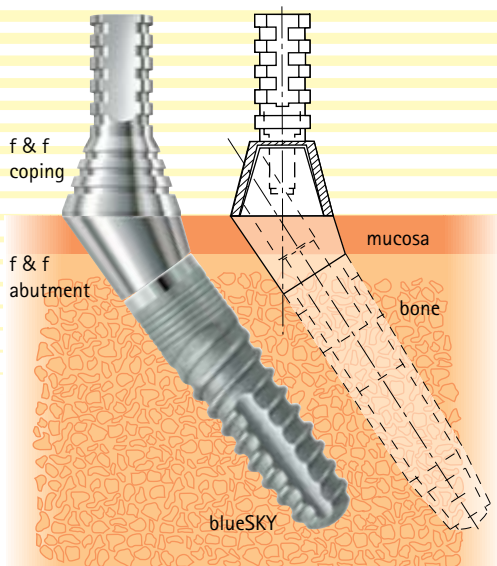


Literature:

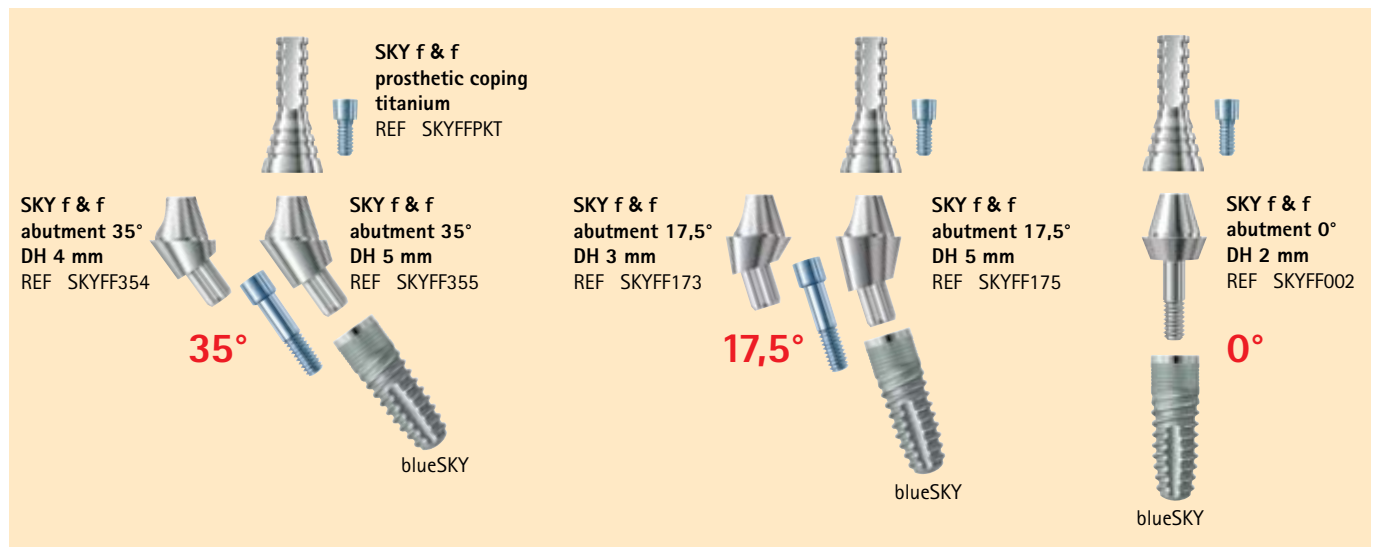
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SKY fast & fixed system components

SKY fast & fixed Impression and model fabrication



SKY fast & fixed abutments and copings



SKY fast & fixed – accessories for definitive restorations

