

An impression tray with an innovative foil technology

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Every clinician knows the situation of having a patient waiting for an implant impression. Unfortunately, sometimes the individual tray does not fit and has to be modified because the technician wrongly calculated the direction of the insertion. It is even more problematic when the individual tray cannot be found. Explaining this mishap to patients is embarrassing and annoying because it takes valuable time away from other patients, who may have to wait longer for their treatment.

Since I started working with the Miratray Implant impression tray (Hager & Werken), these problems have become a thing of the past. The implant impression tray consists of a plastic structure and a transparent foil. Its secret lies in the patented foil techno-

logy, which is skilfully balanced. The foil is stable enough to hold the impression material secure inside the tray and allows impression posts to be clearly visible. The Miratray is available in three standard sizes (S, M and L) and can be used for both dentate and edentulous patients. Blocking with plastic splints, recommended for some types of implants, is possible and unproblematic. The use is similar to that of the individual impression tray, but offers the advantage of having full visibility when gently pushing down the tray until the foil is perforated by the impression post. Owing to the durable foil, this becomes an unproblematic and clean procedure, as overflowing impression material can be avoided. After the material has been cured, the screws of the impression posts can be easily removed. The result is an extraordinary impression with the fixed posts within.

Studies led by the late Prof. Hubertus Spiekermann from RWTH Aachen University in Germany proved that the Miratray is as accurate as an individual tray. It makes handling of converging or diverging implants easier because the impression posts do not have to be lead through the sometimes-small notches of the individual tray. Our patients are glad that they do not have to go through another impression-taking session. In some cases with healthy oral mucosa, impressions can be taken directly after the uncovering.

Even with financial constraints, the Miratray is a perfect alternative. According to Hager & Werken, the tray costs less than € 5. Furthermore, it can be claimed as an individual tray, at least here in Germany, because small adjustments need to be made, for example when there are problems with the vestibular space.



Fig. 1: Miratray® Implant impression tray (Hager & Werken).



Fig. 2: Implant impression of region #26 four months after implant placement.

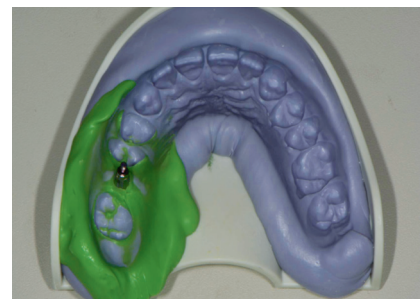


Fig. 3: View of the implant impression (impression post in situ).



Fig. 4: The innovative and patented foil technique.

Implant + Impression Taking = easy as 123

Miratray® Implant

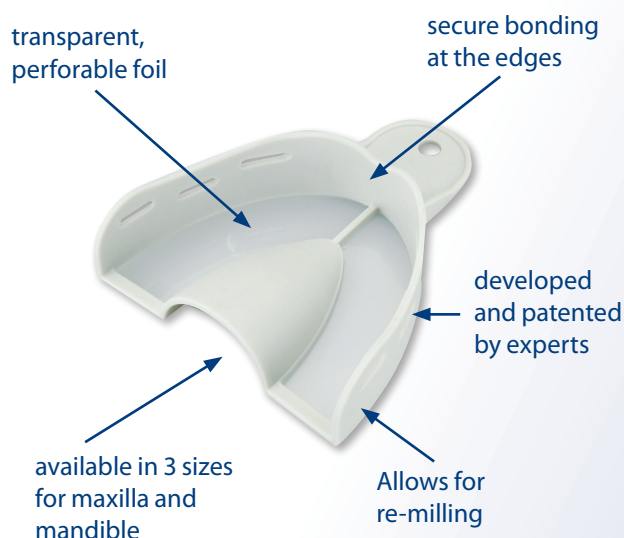
*Innovative foil technique-system
Impression taking in just 1 session!*



Difficulties in conventional impression taking

- ✗ Poor impression quality
- ✗ Discrepancies when taking the impression
- ✗ Overflowing impression material
- ✗ Poor view of implant posts
- ✗ Re-milling of abutment drills
- ✗ Laboratory costs for customized trays
- ✗ Additional session for dentist and patient
- ✗ Takes a considerable amount of time and money

The solution: Miratray Implant



Miratray Implant offers a great deal of advantages



- ✓ Perfect, open impression taking of implants
- ✓ Impression taking in just one session
- ✓ No laboratory costs
- ✓ Controllable and safe impression taking with clear view of implant posts
- ✓ As foil meets precisely at implant posts, clean impression is taken
- ✓ No overflowing impression material
- ✓ Customizable, user-friendly and cost-effective
- ✓ Suitable for all implant impression materials and implant systems

**Satisfaction
guarantee**

