



DENTAL DESIGN FOR MININAVIDENT

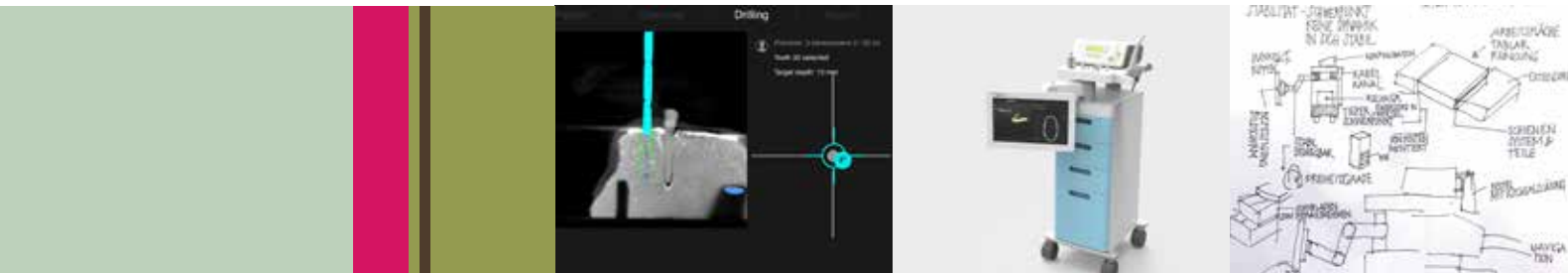
A navigated eye

Product design and identity development of a new precision tool for the safe positioning of implants.



Supported by Erdmann Design, the forward-looking product of the young company Mininavident has received several awards and promises to become a star on the international dental market.





- The mobile DENACAM system
- a caddy with integrated computer,
 - an attachable camera,
 - the calibration tool,
 - a set of navigation markers and tags,
 - GUI and software via touch screen

DENACAM

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FOR INNOVATORS IN IMPLANTOLOGY

Every year some 13.5 million dental implants are placed worldwide, 95% of them "by hand". If they are positioned poorly or not precisely, both patients and dentists frequently have to struggle with long-term clinical complications – ranging from possible injuries of the nerve structure or aesthetic impairments to the loss of the implant.

Based on these findings, Mininavident AG has developed an extremely miniaturized and precise navigation system to support dental implantology.

It comprises a stereoscopic camera which is placed directly on the surgical drill, a marker system for the precise localization of both tool and patient in three-dimensional space, and software that facilitates image-guided and precise drilling.

Erdmann Design has supported the development team of Mininavident from the beginning onward with usability workshops, design and brand competencies.

The DENACAM System

We help physicians improve patient experience, clinical outcomes and practice productivity in dental implantology.

Miniaturized and ergonomic design

- Miniaturized camera system attached directly to the handle of the surgical drill to ensure optimal visibility in the patient's surgery.

Real-time 3D navigation

- Real-time navigation system, registration and depth control in 3D.
- Compatible with all major dental navigation systems.

Compatible with most handpieces/units

- Register with existing dental handpieces.
- Also registration of new, to be used in collaboration with.

Interface to medical planning software

- Register with existing dental navigation software.
- Works with existing dental CT scans.

Reduced planning time, less effort

- Register with existing dental navigation software.
- Reduced planning time and effort.
- Reduced planning time and effort.

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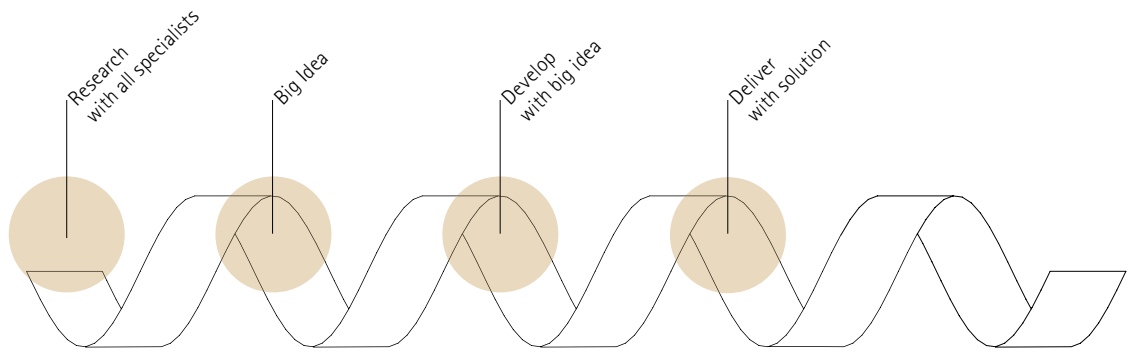
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Corporate Communication



The DENACAM navigation device, attached to the surgical drill



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