

ZWP

ZAHNARZT WIRTSCHAFT PRAXIS

An innovation at
the right time

ClasenUNO®

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An innovation at the **right time**

The ClasenUNO is amazingly simple and yet revolutionary. The instrument combines a mouth mirror with a suction cannula, enabling autonomous treatment in the dental practice. In times when solo-treatment is increasing, this innovation provides the perfect answer for more efficiency in everyday practice. Dr. Diether Reusch and his colleagues have been using the ClasenUNO for a year and never want to work without it again.

Author: Dr. Diether Reusch

A year ago, Stephan Clasen, a dentist from Münster, presented his invention in the practice of Dr. Diether Reusch in Westerburg. At first glance, it was obvious that the mirror aspirator ClasenUNO had successfully combined two instruments in one. This allows the

dentist to hold three functions in two hands during indirect treatment, enabling the dentist to work significantly more efficiently.

"I can concentrate on the patient's mouth during my treatments. The ClasenUNO is a valuable aid, because I have brilliant view and high volume suction on one hand. That means less changes of instruments and no need for looking into different directions," said Dr Reusch, explaining his enthusiasm for the mirror aspirator.

Particularly when performing indirect work with rotating instruments the conventional type of dental mirrors mist over or is covered with drilling dust within a few seconds. This must be wiped off, frequently interrupting the workflow. The ClasenUNO provides the dentist with very good visibility during dry and also wet treatments, as the flow of air prevents the mirror misting and the suction reliably keeps the mirror clear of solid materials. The workflow is considerably more efficient.

Fig. 1 The mirror aspirator ClasenUNO...

Fig. 2 ...combines a dental mirror and a suction cannula...





Fig. 3 ...and offers benefits for the patient ...

Greater flexibility and more effective use of the dental assistant

The mirror aspirator offers advantages even when using the four-hand technique, because the dental assistant does not have to provide support throughout the entire treatment, but for specific tasks as required. With the mirror aspirator, the assistant is not bound to the treatment unit the whole time, but can complete preparatory and post treatment work such as documentation. "The treatment is kept in the field of vision and under my control. The mirror is particularly helpful during prophylaxis treatment as the dental hygienist usually works unassisted. With the mirror aspirator, the hygienist can coordinate three functions using both hands and work very efficiently. Our dental hygienists only work with ClasenUNO and have received very positive feedback from our patients, who are very appreciative of the feel-good factor," said Dr Reusch.

Ergonomic treatment with flexible positioning

For Dr. Reusch ergonomics are of key importance during treatment. "In my practice we work to the principle 'sit well, see well, work well'. This enables us to concentrate on the region of the patient's mouth during treatment and sit upright in every position". In this concept the patient would be treated lying down, which is sometimes difficult for patients with general disorders. With the ClasenUNO the patient can be treated between the nine and twelve o'clock position. The body posture of the therapist remains upright and relaxed, as their hands reach past each side of the patient's head. Depending on the treatment situation the ClasenUNO can be used as a conventional suction cannula and/or dental mirror as well.

An innovation with potential

The mirror aspirator combination, which was a winner of the iF DESIGN AWARD 2016 in the Medicine/Healthcare category, is available in two types: Both use high-quality mirrors by HAHNENKRATT, one mirrored with Rhodium (FS Rhodium) and one without metal (Ultra FS). "Despite the higher price, we use the Ultra variant, because this mirror image is brighter and more colour-accurate," explains Dr. Reusch. For him, the ClasenUNO is an innovation, which is true to the spirit of the times: "The trend in the dental practice is clearly headed in the direction of increased efficiency and cost minimisation. In the future this and the increasing lack of dental assistant staff will bring solo treatments and thus the two-hand technique more in focus than ever before. Basically the ClasenUNO does not replace the dental assistant, but makes possible a more effective, more flexible and professional usage of the assistance team", says Dr. Reusch.

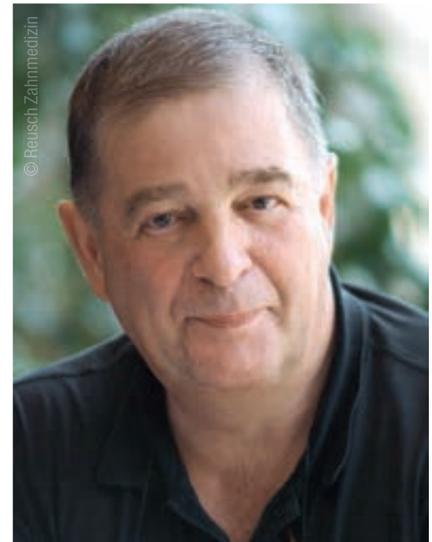


Fig. 5 Dr. Diether Reusch, owner of the Dr. Diether Reusch & Partner practice in Westerburg



Fig. 4 as well as for the practice team

Dr. Diether Reusch
[Infos zum Autor]



CONTACT

**Dr. Diether Reusch & Partner -
Dentist Practice**

Neustraße 30

D-56457 Westerburg

Tel.: +49 (0)2663 911901

info@praxis-reusch.de

www.praxis-reusch.de

Dentist and Inventor



Dentist Stephan Clasen

Mr. Clasen, how did you come up with the idea of combining the suction cannula and dental mirror into one instrument?

Very simple, my back gave me the idea. We dentists often have a problem with tension and pain in the torso muscles.

And why should this be any better with the ClasenUNO?

With the ClasenUNO I work in the optimum position to the patient which has ergonomic benefits. The entire treatment process is also optimised. I have less instrument changes, need to switch back and forth less and have less idle and waiting time. This also benefits my entire team of assistants in a positive way.

You work with assistants? Was the ClasenUNO not designed for performing treatments alone?

For both. I enjoy working with assistants and I don't wish to be without my excellently trained team, when performing a treatment. I just use my team in a different way, properly and flexibly. As I really do use the ClasenUNO in every treatment this means that the assistant at the dentist chair is less restricted. If required they can assist directly at the dentist chair, otherwise they can concentrate on the preparatory and post treatment work, while I carry on the treatment alone.

Does that not require a large adjustment on behalf of the therapist?

For colleagues already working indirect and those in the field of prophylaxis this means no large adjustment. For others it does require some adaptation that must be learned. But we dentists are characterised by our professional and also by our manual skills.

But is this adaptation worth it?

That is just a matter of calculation. If you can do the treatment more efficient with increasing precision and quality, if you use your assistant more effectively and increase the satisfaction of the patient, then yes, it is worth it. This is shown by the figures themselves.

Mirror + ASPIRATOR



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