

**MAXIMUM
STABILITY***

MEMOTAIN[®] 2.0

THE RETAINER THAT KEEPS ITS PROMISES

*Source: SCHEU-DENTAL custom-made GmbH statistical data (data sample 30,000 retainers)



MEMOTAIN® 2.0_ THE ULTRA-THIN PRECISION RETAINER

Retention reinvented: MEMOTAIN® 2.0 combines a minimal risk of breakage (1%) with maximum accuracy of fit. Thanks to the digital CAD/CAM manufacturing process, it is more precise than a handcrafted lingual retainer could ever be. New features such as the selective smoothing of the interdental areas and partial distances allow particularly exact positioning and increase the stability.

Not only that - the material is innovative too: MEMOTAIN® is produced from the memory alloy NITINOL® and is thus much thinner and more comfortable than conventional retainers. Once shaped, the material cannot be bent any more. In addition, partial retention elements ensure optimal adhesion at the bonding site. Thanks to the specifically tailored transfer jig, fitting the retainer is child's play.



MEMOTAIN®

ADVANTAGES

+ ULTRA-THIN AND PRECISE

+ MINIMUM RISK OF BREAKAGE

+

HIGHER PRECISION THAN ANY HANDCRAFTED RETAINER

Thanks to the innovative manufacturing process, MEMOTAIN® is made to fit and, with a thickness of 0.4 mm x 0.4 mm, is much thinner than other lingual retainers.

+

MAXIMUM STABILITY - JUST 1% BREAKAGE RATE

MEMOTAIN® is produced from NITINOL®, a high-quality, very stable memory alloy. At 1%*, the breakage rate is considerably lower than that reported for conventional retainers (10%).

+

NEW FEATURES FOR EVEN BETTER ACCURACY OF FIT

New features such as the selective smoothing of the interdental areas and partial distances allow particularly exact, customised positioning. That increases the retainer's stability.

*Source: SCHEU-DENTAL custom-made GmbH statistical data (data sample 30,000 retainers)

+ SIMPLE POSITIONING

+ CUSTOMISED ACCURACY OF FIT

+ PROBLEM-FREE ORAL HYGIENE

+ OPTIMAL WEARING COMFORT

+

EASY TO USE IN THE PRACTICE

The retainer is supplied with a transfer jig which allows problem-free insertion. All of the new functions of the MEMOTAIN® 2.0 are incorporated automatically.

+

NO RESTRICTIONS ON PROPER ORAL HYGIENE

Thanks to their individualised fit, the ultra-thin material and smaller bonded sites, MEMOTAIN® retainers are much easier to clean than conventional steel retainers.

+

OPTIMAL WEARING COMFORT AND PERFECT FIT

The digital manufacturing process and innovative features of MEMOTAIN® 2.0 allow reproduction of even the minutest structures. This ensures an optimal fit and makes the retainer comfortable to wear.

STABILITY

MEMOTAIN® LONGER-LASTING THAN ANY CONVENTIONAL RETAINER.

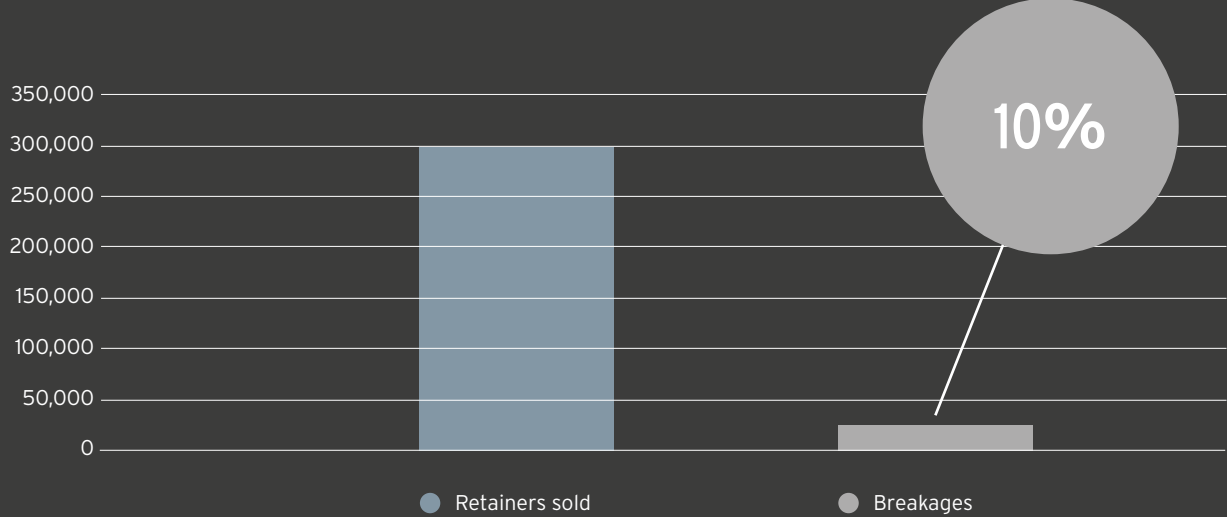
Even the best retainer in the world can break. For different reasons. Application errors are frequently the reason for the breakage; in other cases, it is due to the material or design. This is an issue that we have been considering in detail ever since MEMOTAIN® was launched to market.

In order to optimise the quality of MEMOTAIN® continuously, we investigate every complaint and make regular improvements to the design. With success too! The breakage rate for the current MEMOTAIN® is just 1% - which is far below the average breakage rate of 10%* reported for conventional retainers.

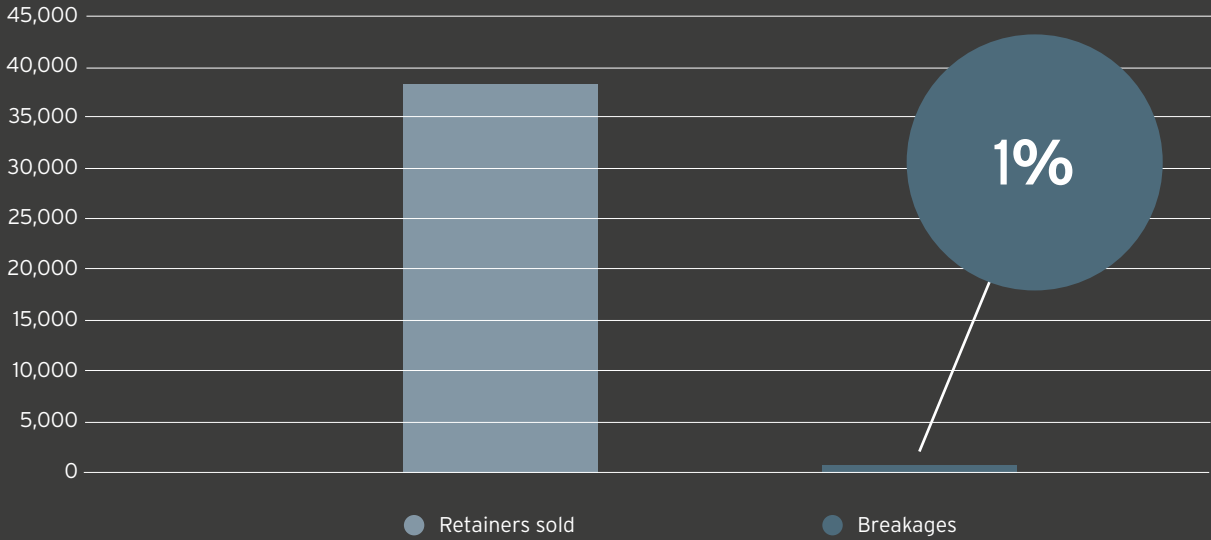
* Source: Long-Term Experience with Direct-Bonded Lingual Retainers, 1991 ESPEN H. DAHL, DDSBJORN U. ZACHRISSON, DDS, PHD.

** Source: SCHEU-DENTAL custom-made GmbH statistical data, data sample 30,000 retainers.

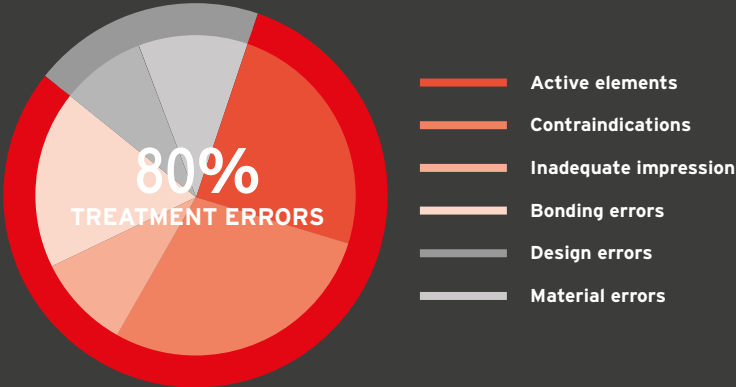
BREAKAGE STATISTICS FOR CONVENTIONAL RETAINERS*



BREAKAGE STATISTICS FOR MEMOTAIN®



COMMON CAUSES FOR RETAINER BREAKAGES **



FEATURES

MEMOTAIN® 2.0_ PARTIAL RETENTIONS INCREASE STABILITY.

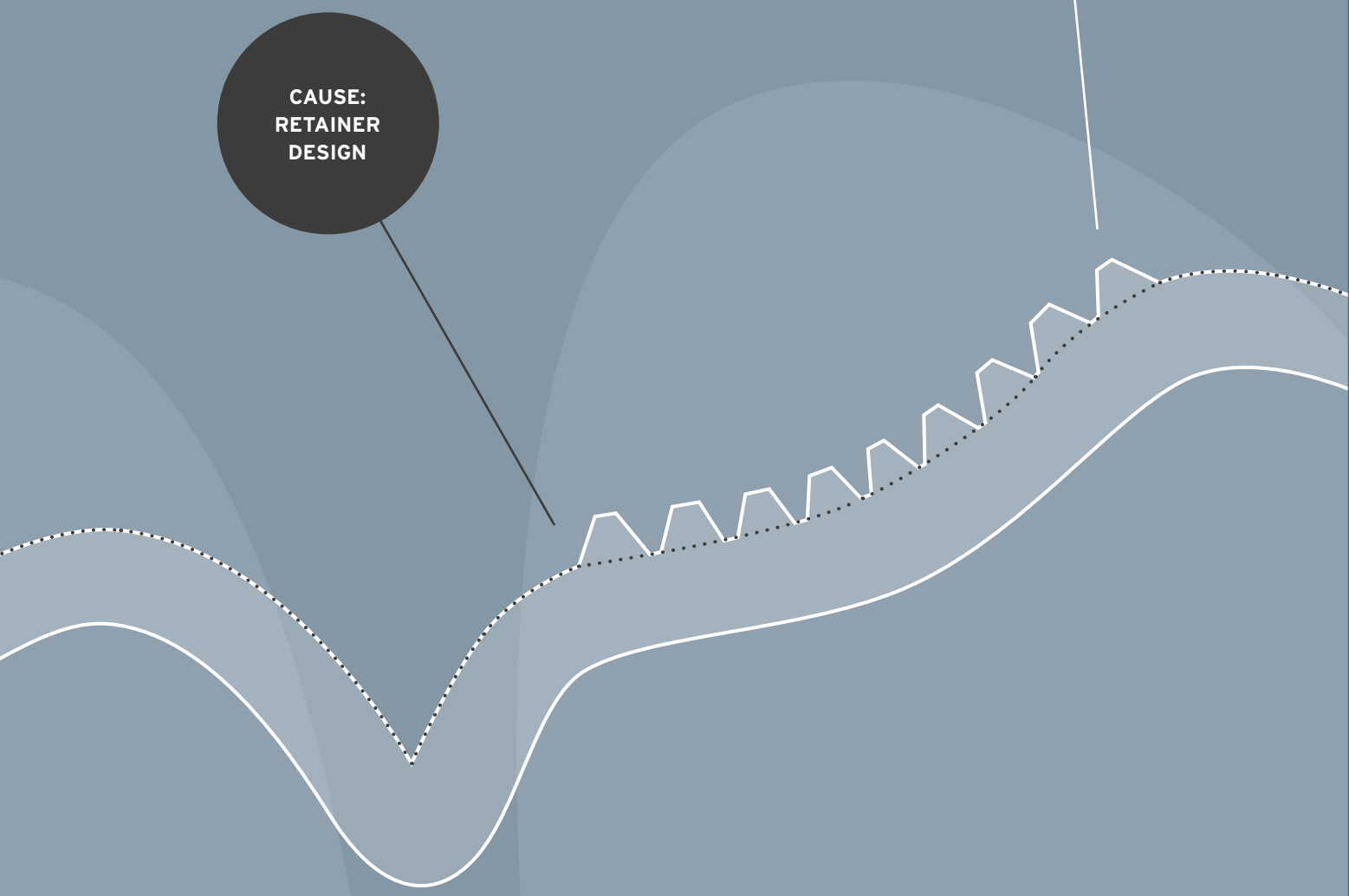
It is a problem familiar to all those who frequently bond retainers: the smooth wire often slides away from the bonding site in cases of straight tooth anatomies in particular. In order to avoid this "sliding effect", we automatically incorporate partial retentions with MEMOTAIN® 2.0. These dig into the bonding site, effectively preventing the retainer from detaching at the bonding points.

Straight tooth anatomies can result in **the smooth retainer sliding out of the bonding site.**

**CAUSE:
RETAINER
DESIGN**

Partial retentions **dig into the bonding site better** and effectively prevent the wire from detachment from the bonding site.

**SOLUTION:
MEMOTAIN®**

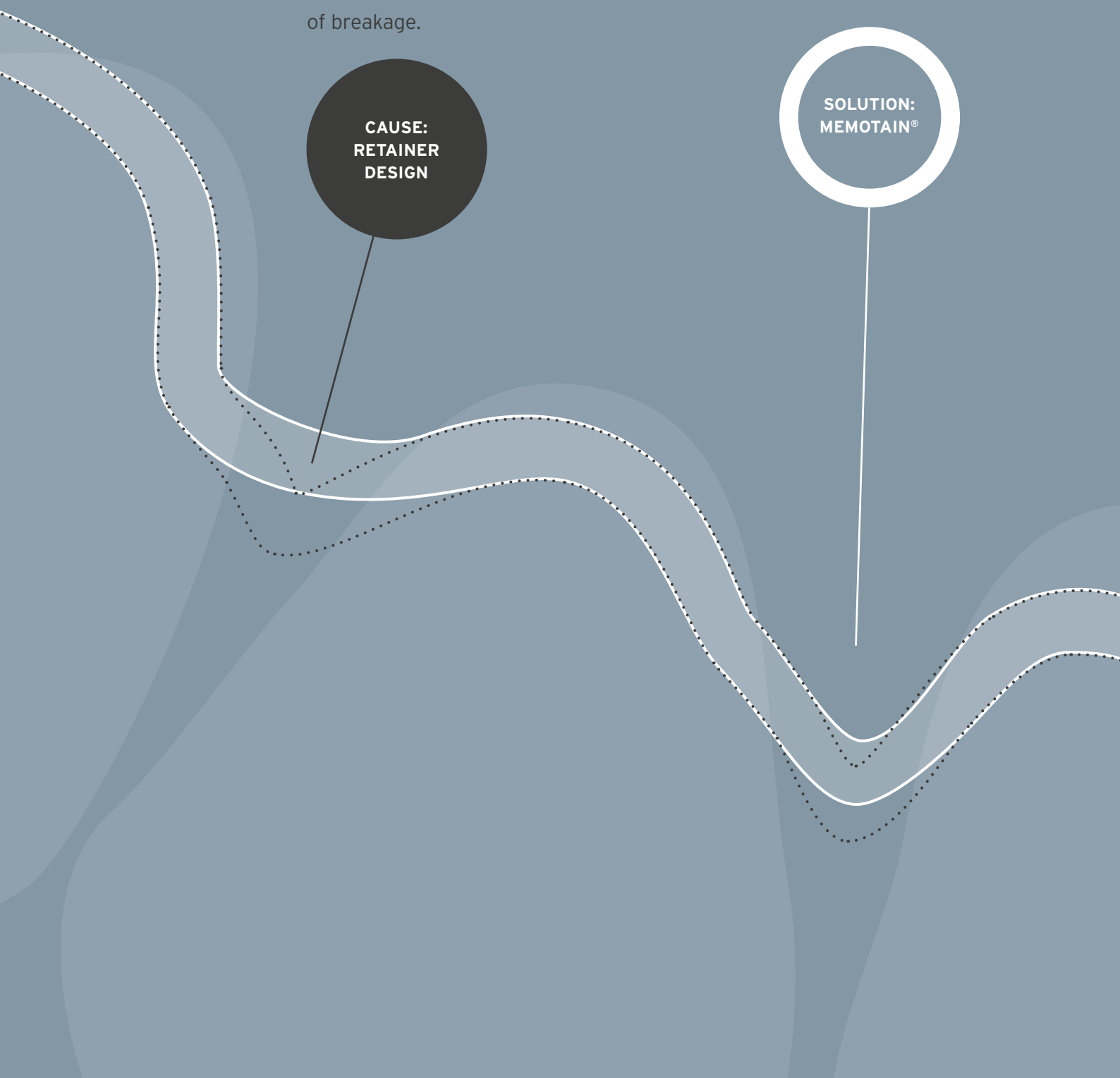


Interdental areas
**that are too
pointed** often
increase the risk
of breakage.

**CAUSE:
RETAINER
DESIGN**

The interdental
areas are **partially
smoothed**.

**SOLUTION:
MEMOTAIN®**



FEATURES

MEMOTAIN[®] 2.0_ CUSTOMISED DESIGN ENSURES ADDED STABILITY.

The same concept applies for retainers as in architecture: round structures are fundamentally stronger than pointed ones. We took this consideration when optimising MEMOTAIN[®]. As interdental areas that are too pointed increase the risk of breakage, we automatically perform partial smoothing of these critical areas - without affecting the accuracy of fit or wearing comfort.

FEATURES

MEMOTAIN® 2.0_ PARTIAL DISTANCES MAKE SPACE FOR THE PAPILLA.

Compromises were always unavoidable in patients with pronounced papillae. Either the retainer jutted out into the oral cavity or it had to be split. MEMOTAIN® 2.0 now also solves this problem elegantly and effectively. Partial distances ensure that a small area distances itself from the tooth. This makes space - without the retainer moving away from the centre of resistance.

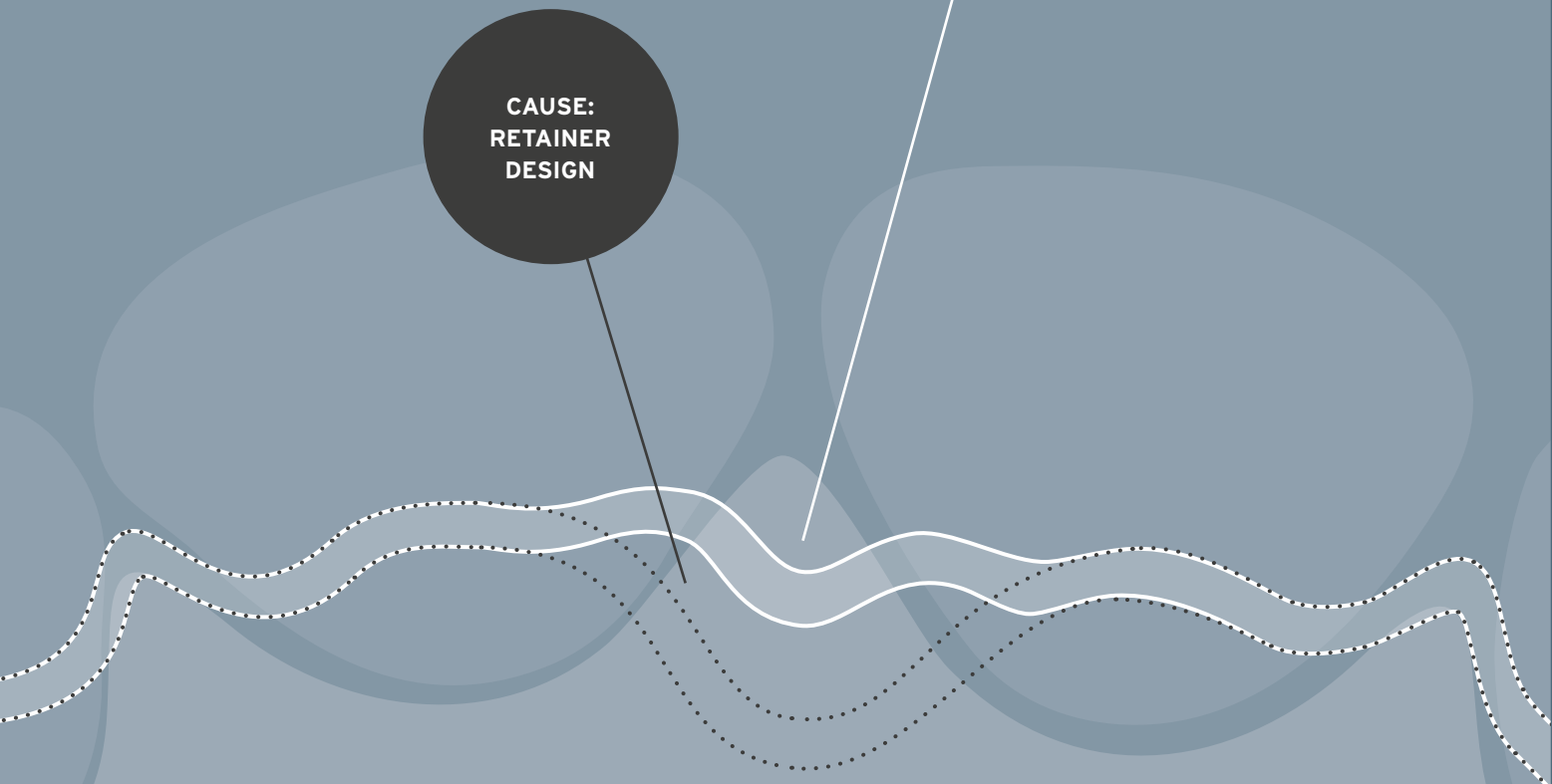
Partial distances

ensure that a small area distances itself from the tooth in order to make space for the papilla, for example.

In case of **pronounced papillae**, the **retainer either jugged out into the oral cavity** or had to be split.

SOLUTION:
MEMOTAIN®

CAUSE:
RETAINER DESIGN



MEMOTAIN®_CUSTOMER FEEDBACK ON MEMOTAIN®

The digital precision that MEMOTAIN® attains as a CAD/CAM retainer makes the orthodontic retention considerably more comfortable. For patients and practitioners alike. Many of our customers agree that MEMOTAIN® is the most securely bonded retainer on the market and are impressed by its lifespan and the customised accuracy of fit.

**"MEMOTAIN®'S ACCURACY OF FIT
IS SIMPLY UNBEATABLE!"**

Dr. med. dent. Hiltrud & Andreas Dasy +



**"OUR PATIENTS AND REFERRING COLLEAGUES
ARE AMAZED BY THE QUALITY OF MEMOTAIN®.
FOR ME, IT IS THE BEST-PERFORMING
PRODUCT IN ITS CLASS."**

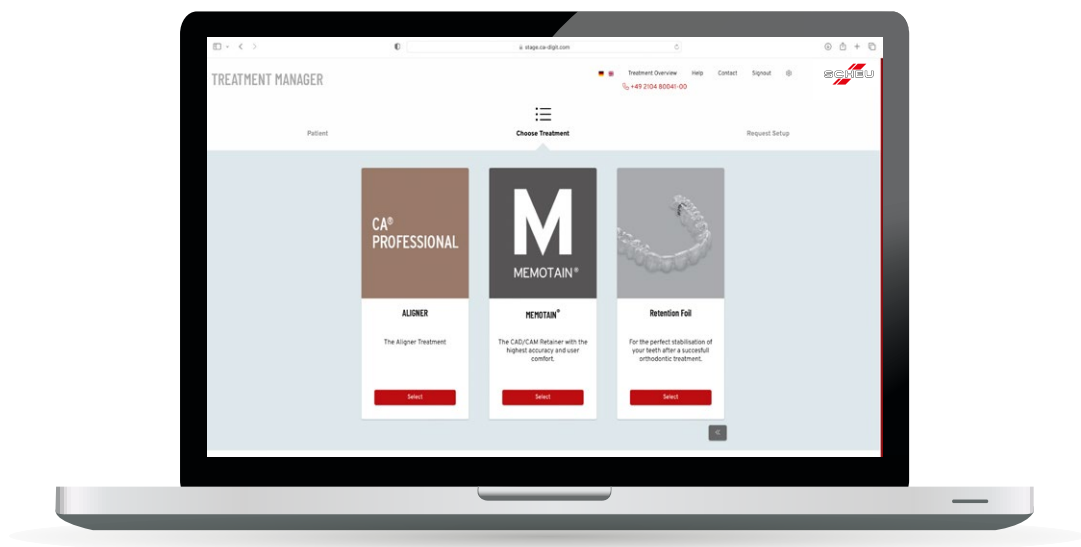
Dr. med. dent. Michael Visse +



SIMPLY ORDER ONLINE

THE TREATMENT MANAGER USER-FRIENDLY ORDERING PLATFORM

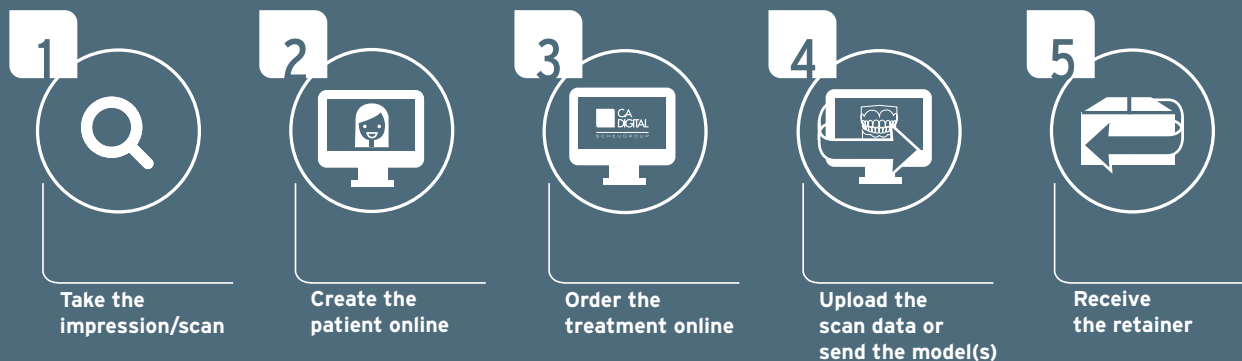
We make ordering products and managing your treatments particularly easy for you. With the Treatment Manager, you can create patients and order treatment products. Use of the ordering platform requires initial registration on our website. The software guides you through the registration process quickly and simply. However, if you do need any extra help, simply contact our customer service - our friendly and experienced staff will be happy to help you at any time.



MEMOTAIN® 2.0_ALL FUNCTIONS INCLUDED AS STANDARD

You never need to worry about optimal accuracy of fit with MEMOTAIN® 2.0. Our experienced dental technicians incorporate all the features as a matter of course. Simply based on your scan data or model. Order now and start bonding!

MEMOTAIN®_HOW DO I START MY FIRST CASE?



Register today at: <https://order.scheu-dental.com>

PLACE FOR NOTES



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