

# Memotain®

Memotain® retainers are made of Nitinol material which allows the retainers to be formed ultra-thin for patient comfort. The appliance is specially made from recent impressions of your patients teeth. Memotain is a fixed (bonded), retainer formed into the shape of the patient's final impressions after tooth realignment using CAD/CAM software.

With the use of CAD/CAM software, we are able to set a patient's arch in occlusion prior to fabrication leading to control of optimal placement and a contoured fit.

Each **MEMOTAIN®** wire is custom made to fit each patient's unique tooth contours.<sup>1</sup> This allows AOA to help reduce the size of the wire based on the number of contact points on each tooth and is designed to increase patient comfort at the same time

Using the cutting-edge technology of MEMOTAIN®, AOA is able to reduce the size of the lingual wire, and help create optimal oral hygiene.<sup>1</sup>

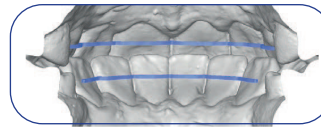
When your bracket or aligner treatment is complete, protect your smile long term with a MEMOTAIN® Retainer.

Without a consistently worn retention device, teeth can continue to shift after orthodontic treatment is complete. Keep your current smile with a MEMOTAIN® Retainer.

Memotain® is a registered trademark from SCHEU-DENTAL custom-made GmbH

## The Advantages<sup>1</sup>

- Tooth decay, cavities, periodontal disease and tartar formation are minimized.
- Dental floss can be used both above and below the retainer.
- Designed for patient comfort.
- Appropriately designed for the treatment of the upper jaw.
- The memory based metal helps maintain shape integrity and the transfer tray helps make delivery fast and predictable.
- Improved oral hygiene.\*
- Smooth surface.
- Designed for increased material durability.
- Biocompatible Nitinol.



CAD/CAM



Wires



Conventional



Memotain



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<sup>1</sup> Wego Jorn, Fritz Ulrike, Jager Andreas, Wolf Michael "Impacts of digital-manufactured lingual-retainers on periodontal health" June 9th, 2011

<sup>1</sup> Journal of Orofacial Orthopedics - Michael Wolf, Pascal Schumacher, Fabian Jager, Jorn Wego, Ulrike Fritz, Heike Korbmacher-Steiner, Andreas Jager, and Michael Schauseil, „Novel Lingual retainer created using CAD/CAM technology. Evaluation of its positioning accuracy" March 7, 2015