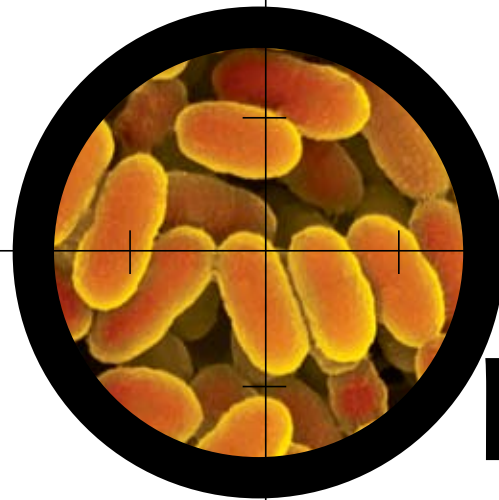


OrthoShield™

Orthodontic Antimicrobial Technology

Take control by targeting the microbes with OrthoShield.

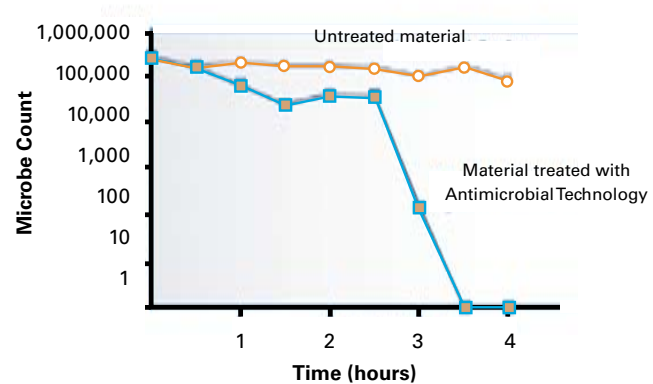


# Oral Hygiene

### The Technology is:

- Effective – studies have shown 99% reduction of certain damaging microbes within 24 hours<sup>7</sup> (Figure 2)
- Durable – provides continuous protection as long as the material remains in contact with the offending microbes<sup>7</sup>
- Simple – does not require intervention by the practitioner or the patient after placement

Figure 2. Rapid Reduction of Surface Microbes<sup>7</sup>



# Excellence for Innovative Care.

In the fast-moving and dynamic field of orthodontia, Ortho Organizers strives to address every facet of your practice—from superior clinical proficiency to the need for keen business acumen.

When faced with the century-old problem of inadequate oral hygiene, Ortho Organizers turned to the experts, AgION Technologies Inc., for advice. Today, the partnership has resulted in the development of the first antimicrobial protected product line in orthodontics: OrthoShield Orthodontic Antimicrobial Technology.

## Importance of Oral Hygiene in Orthodontics

The result of poor oral hygiene—the development of plaque and periodontal diseases—has been well established. Currently, numerous studies demonstrate the compounding complications of inadequate oral hygiene in orthodontics (Diagram 1).

## Unmatched Protection by OrthoShield Orthodontic Antimicrobial Technology

Despite dental professional guidance and available aids, oral hygiene remains a patient compliance challenge.

For all those patients with less than perfect oral hygiene, you can now rely on OrthoShield Orthodontic Antimicrobial Technology. This innovative technology is based on the safe and effective microbicidal characteristic of naturally occurring silver.

## Elegant Release Mechanism

In OrthoShield Orthodontic Antimicrobial Technology, zeolite provides the unique release mechanism for silver. Via a proprietary pathway, silver is released to the surface of products where it fights and prevents microbial growth<sup>6</sup> (Figure 1).

Diagram 1. Adverse Effects of Poor Oral Hygiene in Orthodontics

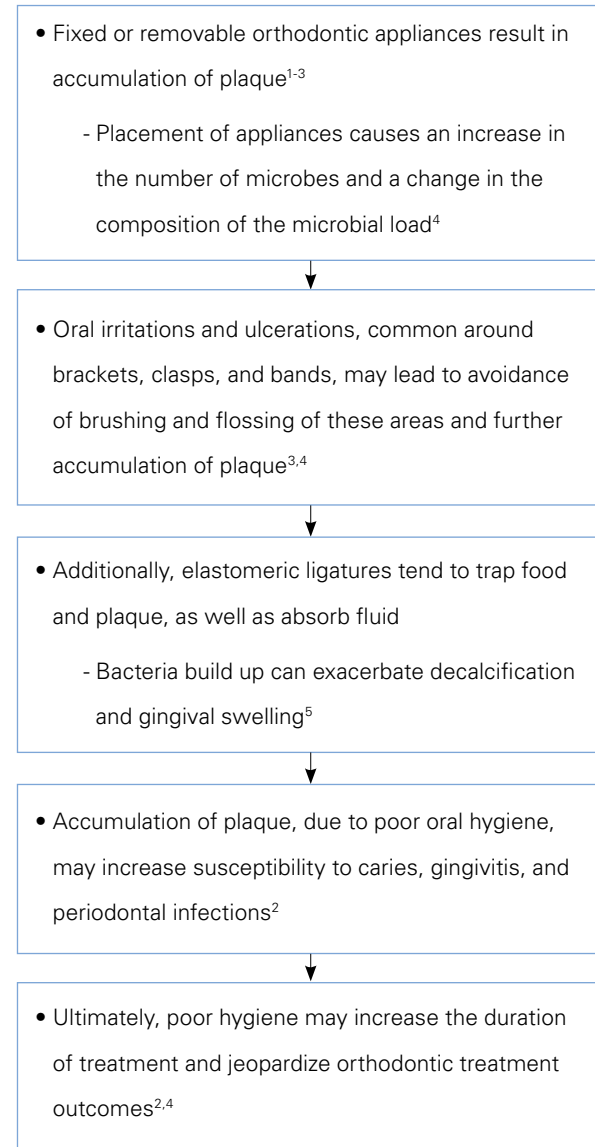
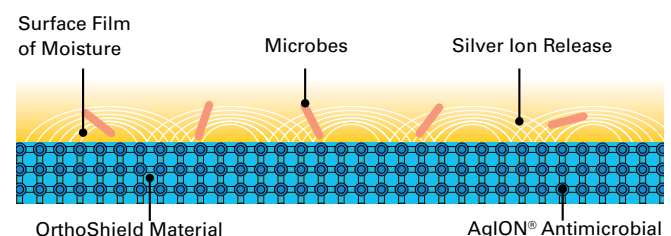


Figure 1. Unique Release Mechanism<sup>6</sup>



OrthoShield Orthodontic Antimicrobial Technology—Better treatment control through the assisted protection against surface microbes.

**An empowering addition to  
trusted technology**

We want to ensure you have the tools  
necessary to enhance your treatment options,  
that is why Ortho Organizers will incorporate  
OrthoShield Orthodontic Antimicrobial  
Technology into the products you use most  
and have already come to trust.

**Optimize treatment outcomes.  
Address microbial growth today.**

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Note OrthoShield Orthodontic Antimicrobial  
Technology products do not protect the patient  
against disease-causing bacteria.

For more information on our products, orthodontic  
laboratory and educational offerings, please contact us:  
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Outside the U.S.: +1.760.448.8600  
Canada: CERUM. 800.661.9567  
To fax an order: 800.888.7244  
To email an order: [UsaSales@OrthoOrganizers.com](mailto:UsaSales@OrthoOrganizers.com)



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