# Occlusal Therapy

## CHAIRSIDE GUIDE

## Occlusal Splints

A full range of materials to meet your patients' needs.

<table>
<thead>
<tr>
<th>Hard Splint</th>
<th>Brux-eze®</th>
<th>Rem-e-deze®</th>
<th>Eclipse®</th>
<th>DSG Relaxer®</th>
</tr>
</thead>
<tbody>
<tr>
<td>(traditional)</td>
<td>(durable with comfort)</td>
<td>(heavy bruxer with comfort)</td>
<td>(hypoallergenic)</td>
<td>(migraine)</td>
</tr>
</tbody>
</table>

### SELECTION

#### Use Indicators

<table>
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<tr>
<th>Hard Splint</th>
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<tbody>
<tr>
<td>Use when maximum rigidity and strength are a priority</td>
<td>The most prescribed splint for bite opening and posturing</td>
<td>The most durable, yet comfortable splint for heavy bruxers, grinders, and strong-muscled clenchers</td>
<td>Hard splint alternative for patients with allergies to monomers</td>
<td>Recommended at night for patients who clench while they sleep</td>
</tr>
<tr>
<td>Not recommended for patients with cosmetic restorations</td>
<td>Highly recommended for protecting cosmetic restorations</td>
<td>Excellent protection for cosmetic restorations</td>
<td>Not recommended for patients with cosmetic restorations</td>
<td>Relieves morning muscle soreness and clenching migraines</td>
</tr>
<tr>
<td>Use when maximum retention, stability, and comfort are important</td>
<td>Use when maximum retention, stability, and comfort are important</td>
<td></td>
<td>Recommended for daytime use as a reminder to stop clenching</td>
<td></td>
</tr>
<tr>
<td>Good selection for patients with missing teeth, long crowns, or unusual draw</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
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</table>

### DESIGN FEATURES

#### Material Type

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<tr>
<th>Hard Splint</th>
<th>Brux-eze®</th>
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<tr>
<td>Hard acrylic</td>
<td>Brux-eze acrylic</td>
<td>Hard acrylic and Brux-eze acrylic</td>
<td>Light cured resin</td>
<td>2 mm crystal EVA pressure formed</td>
</tr>
<tr>
<td>Heat processed</td>
<td>Heat processed</td>
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<td></td>
<td></td>
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#### Material Benefits/Properties

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<th>Hard Splint</th>
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<tr>
<td>Heat-processed acrylic with excellent occlusal durability</td>
<td>Heat-processed acrylic with on-call flexibility in warm water</td>
<td>Beneficial application of hard and Brux-eze materials</td>
<td>Monomer free, hypoallergenic alternative</td>
<td>Best lab-fabricated deprogrammer device available</td>
</tr>
<tr>
<td>Customized fit, yet rigid and unforgiving</td>
<td>Remains hard in the mouth</td>
<td>All hard occlusal acrylic with Brux-eze acrylic on facial and lingual flanges</td>
<td>As strong as conventional hard acrylic</td>
<td>Thin and esthetic</td>
</tr>
<tr>
<td>Least comfortable</td>
<td>Dramatically reduced chairtime</td>
<td>Maximum occlusal durability</td>
<td>Clear</td>
<td>Retentive and comfortable</td>
</tr>
<tr>
<td>Inflexible to dental changes</td>
<td>Comfortable, customized fit increases retention and reduces tooth sensitivity</td>
<td>Maximum comfort and retention</td>
<td>Stain-resistant</td>
<td>Standard full coverage</td>
</tr>
<tr>
<td>Associated with increased tooth sensitivity</td>
<td>Material memory maintains fit, even if not worn for long periods of time</td>
<td>Bondable and repairable</td>
<td>Repairable</td>
<td>Lengths can be customized</td>
</tr>
<tr>
<td>Bondable and repairable</td>
<td>Standard occlusal durability</td>
<td>Bondable and repairable</td>
<td></td>
<td>FDA-cleared for relief of bruxism and occlusal-related migraine pain, tension headaches, and TMJ syndrome</td>
</tr>
</tbody>
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#### Design Standards

- U or L full coverage occlusal bitesplint
- Flat plane, even contacts
- Slight cuspid rise, horseshoe lingual
- 2 mm labial flange coverage
- 2-4 mm lingual tissue coverage
- 3-4 mm buccal flange coverage
- U or L full coverage vacuum
- Anterior incisal block platform
- Incisor midline contact only

#### Design Options

- Fiber reinforcement
- Lingual strengthening bar
- Anterior ramp
- Clasps (hard splints only)
- Anterior discler block
- Choice of colors (excluding Eclipse)
- Retainer length/coverage
- Size of block
## LABORATORY REQUIREMENTS

<table>
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<tr>
<th>Models</th>
<th>U/L accurate models</th>
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<tr>
<td>Bite Registration</td>
<td>Required: Centric bite registration</td>
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<td>Recommended: To reduce chairside occlusal adjustments, include a bite registration that indicates the desired mandibular position and the amount of vertical bite opening.</td>
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## INSTRUCTIONS FOR USE

### Insertion Instructions
- Insert as normal.
- 1. To prevent model breakage, always place appliance in hot water before gently removing from cast.
- 2. For fast, comfortable seating, place appliance in hot water until it becomes flexible, and then seat as usual.
- 3. Fully seat onto teeth; retention increases as appliance cools in mouth.
- Insert as normal.
- Insert as normal.

### Adjustment Instructions
- 1. Evaluate fit, occlusion, and retention.
- 2. Acrylic adjustments, occlusal equilibrations, and fit refining may be done using a small carbide bur.
- 3. Hard splint, Brux-eze, and Rem-e-deze materials can be added to or repaired with conventional repair acrylic.
- 4. All materials may be pumiced and polished as normal.

### Patient Instructions
- Proper Removal Technique: All appliances are removed by placing fingers at upper or lower borders and evenly pulling down on an upper or pushing up on a lower.
- 1. Clarify correct insertion and removal techniques.
- 2. Instruct wear-time schedule per treatment plan.
- 3. Provide “Patient Use/Care Instructions” pamphlet.
- Important reminders: No soaking for long periods. Keep out of reach of pets.
- For appliances requiring relining for better fit: Send appliance along with new upper and lower models in good condition. A pick-up impression is not recommended.
- For occlusal resurfacing, acrylic repairs, or other alterations: Send appliance along with new upper and lower models in good condition.
- For appliances needing U/L bite changes: Add new correct bite registration or add bite registration material to splint while in place.

## IMPORTANT INFORMATION CONCERNING DSG OCCLUSAL THERAPY APPLIANCES

**Product Assurance:** The DSG Relaxer is FDA cleared.

**Warranty:** Dental Services Group laboratories fully guarantee the quality of our occlusal therapy appliances for a period of 90 days against fabrication errors or material defects.

**Disclaimer:** Dental Services Group laboratories cannot warrant against dissatisfaction due to diagnosis or style of appliance chosen. We're happy to assist you with any appliance adjustments and/or modifications, and to provide you with any information you may need to learn about occlusal therapy. DSG advises a thorough patient consultation and the use of informed consent documentation.

**Statement of Conformity:** Available upon request.

United States: 1-800-259-3717
Canada: 1-800-268-1860
www.dentalservices.net