



COMFORT H/S™ Splint (Erkodent Splint)	Hard Splint (traditional)	Brux-eze® (durable with comfort)	Rem-e-deze® (heavy bruxer with comfort)	KeySplint Soft® Clear (durable with comfort and better fit)	DSG Relaxer® (migraine)
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## DESIGN FEATURES

<b>Material Type</b>	<ul style="list-style-type: none"> <li>Thermoformed dual laminate material.</li> </ul>	<ul style="list-style-type: none"> <li>Hard acrylic</li> <li>Heat processed</li> </ul>	<ul style="list-style-type: none"> <li>Brux-eze acrylic</li> <li>Heat processed</li> </ul>	<ul style="list-style-type: none"> <li>Hard acrylic and Brux-eze acrylic</li> <li>Heat processed</li> </ul>	<ul style="list-style-type: none"> <li>3D Printed Thermoplastic</li> </ul>	<ul style="list-style-type: none"> <li>2 mm crystal EVA pressure formed</li> </ul>
<b>Material Benefits/ Properties</b>	<ul style="list-style-type: none"> <li>Two layers make up the Comfort H/S Bite Splint: a 1 mm soft polyurethane inner layer that rests against the teeth and gums; and a 3 mm hard, clear copolyester outer layer that provides durability and bonds with acrylic for easy modification.</li> <li>Monomer free, hypoallergenic alternative</li> </ul>	<ul style="list-style-type: none"> <li>Heat-processed acrylic with excellent occlusal durability</li> <li>Customized fit, yet rigid and unforgiving</li> <li>Least comfortable</li> <li>Inflexible to dental changes</li> <li>Associated with increased tooth sensitivity</li> <li>Bondable and repairable</li> </ul>	<ul style="list-style-type: none"> <li>Heat-processed acrylic with on-call flexibility in warm water</li> <li>Remains hard in the mouth</li> <li>Dramatically reduced chairtime</li> <li>Comfortable, customized fit increases retention and reduces tooth sensitivity</li> <li>Material memory maintains fit, even if not worn for long periods of time</li> <li>Standard occlusal durability</li> <li>Bondable and repairable</li> </ul>	<ul style="list-style-type: none"> <li>Beneficial application of hard and Brux-eze materials</li> <li>All hard occlusal acrylic with Brux-eze acrylic on facial and lingual flanges</li> <li>Maximum occlusal durability</li> <li>Maximum comfort and retention</li> <li>Bondable and repairable</li> </ul>	<ul style="list-style-type: none"> <li>3D Printed Resin with on-call flexibility in warm water</li> <li>Remains hard in the mouth</li> <li>Dramatically reduced chairtime</li> <li>Comfortable, customized fit increases retention and reduces tooth sensitivity</li> <li>Material memory maintains fit, even if not worn for long periods of time</li> <li>Standard occlusal durability</li> </ul>	<ul style="list-style-type: none"> <li>Best lab-fabricated deprogrammer device available</li> <li>Thin and esthetic</li> <li>Retentive and comfortable</li> <li>Standard full coverage</li> <li>Lengths can be customized</li> <li>FDA-cleared for relief of bruxism and occlusal-related migraine pain, tension headaches, and TMJ syndrome</li> </ul>
<b>Design Standards</b>	<ul style="list-style-type: none"> <li>U or L splint is made with a standard flat occlusal plane and slight opposing cusp indentation or to the doctor's specific bite plane needs.</li> </ul>	<ul style="list-style-type: none"> <li>U or L full coverage occlusal bitesplint</li> <li>Slight cuspid rise, horseshoe lingual</li> <li>2-4 mm lingual tissue coverage</li> <li>Flat plane, even contacts</li> <li>2 mm labial flange coverage</li> <li>3-4 mm buccal flange coverage</li> </ul>				<ul style="list-style-type: none"> <li>U or L full coverage vacuum</li> <li>Anterior incisal block platform</li> <li>Incisor midline contact only</li> </ul>
<b>Design Options</b>	<ul style="list-style-type: none"> <li>Available in clear, blue, green and pink</li> </ul>	<ul style="list-style-type: none"> <li>Fiber reinforcement</li> <li>Anterior ramp</li> <li>Anterior discluder block</li> <li>Lingual strengthening bar</li> <li>Clasps (hard splints only)</li> <li>Choice of colors (excluding Eclipse)</li> </ul>			<ul style="list-style-type: none"> <li>Available in Clear</li> </ul>	<ul style="list-style-type: none"> <li>Retainer length/coverage</li> <li>Size of block</li> </ul>

## SELECTION

<b>Use Indicators</b>	<ul style="list-style-type: none"> <li>Indicated for severe bruxing/ clenching.</li> <li>Ideal for patients who are allergic to acrylics or metals (monomer free).</li> </ul>	<ul style="list-style-type: none"> <li>Use when maximum rigidity and strength are a priority</li> <li>Not recommended for patients with cosmetic restorations</li> </ul>	<ul style="list-style-type: none"> <li>The most prescribed splint for bite opening and posturing</li> <li>Highly recommended for protecting cosmetic restorations</li> <li>Use when maximum retention, stability, and comfort are important</li> <li>Good selection for patients with missing teeth, long crowns, or unusual draw</li> </ul>	<ul style="list-style-type: none"> <li>The most durable, yet comfortable splint for heavy bruxers, grinders, and strong-muscled clencher</li> <li>Excellent protection for cosmetic restorations</li> </ul>	<ul style="list-style-type: none"> <li>The prescribed for bite opening and posturing</li> <li>Highly recommended for protecting cosmetic restorations</li> <li>Use when maximum retention, stability, and comfort are important</li> <li>Good selection for patients with missing teeth, long crowns, or unusual draw</li> </ul>	<ul style="list-style-type: none"> <li>Recommended at night for patients who clench while they sleep</li> <li>Relieves morning muscle soreness and clenching migraines</li> <li>Recommended for daytime use as a reminder to stop clenching</li> </ul>
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	COMFORT H/S™ Splint	Hard Splint	Brux-eze®	Rem-e-deze®	KeySplint Soft® Clear	DSG Relaxer®
<b>LABORATORY REQUIREMENTS</b>						
Models	U/L accurate models					
Bite Registration	<b>Required:</b> Centric bite registration  	<b>Required:</b> Centric bite registration  <b>Recommended:</b> To reduce chairside occlusal adjustments, include a bite registration that indicates the desired mandibular position and the amount of vertical bite opening.	<b>Required:</b> Centric bite registration  <b>Recommended:</b> To reduce chairside occlusal adjustments, include a bite registration that indicates the desired mandibular position and the amount of vertical bite opening.	<b>Required:</b> Centric bite registration  <b>Recommended:</b> To reduce chairside occlusal adjustments, include a bite registration that indicates the desired mandibular position and the amount of vertical bite opening.	<b>Required:</b> Centric bite registration  <b>Recommended:</b> To reduce chairside occlusal adjustments, include a bite registration that indicates the desired mandibular position and the amount of vertical bite opening.	<b>Required:</b> Centric bite registration
<b>INSTRUCTIONS FOR USE</b>						
Use Indicators	<ul style="list-style-type: none"> <li>Delivery / Seat the splint, and evaluate fit and retention. Once seated in the patient's mouth, check bite with marking tape to identify premature occlusion.</li> </ul>	Insert as normal.	<ol style="list-style-type: none"> <li>To prevent model breakage, always place appliance in hot water before gently removing from cast.</li> <li>For fast, comfortable seating, place appliance in hot water until it becomes flexible, and then seat as usual.</li> <li>Fully seat onto teeth; retention increases as appliance cools in mouth.</li> </ol>	<ol style="list-style-type: none"> <li>To prevent model breakage, always place appliance in hot water before gently removing from cast.</li> <li>For fast, comfortable seating, place appliance in hot water until it becomes flexible, and then seat as usual.</li> <li>Fully seat onto teeth; retention increases as appliance cools in mouth.</li> </ol>	<ol style="list-style-type: none"> <li>To prevent model breakage, always place appliance in hot water before gently removing from cast.</li> <li>For fast, comfortable seating, place appliance in hot water until it becomes flexible, and then seat as usual.</li> <li>Fully seat onto teeth; retention increases as appliance cools in mouth.</li> </ol>	Insert as normal.
Adjustment Instructions	<ul style="list-style-type: none"> <li>If adjustments are necessary, adjust with a carbide bur or Lisko-S disc. Polish if needed.</li> </ul>	<ol style="list-style-type: none"> <li>Evaluate fit, occlusion, and retention.</li> <li>Acrylic adjustments, occlusal equilibrations, and fit refining may be done using a small carbide bur.</li> <li>Hard splint, Brux-eze®, and Rem-e-deze® materials can be added to or repaired with conventional repair acrylic.</li> <li>All materials may be pumiced and polished as normal.</li> </ol>			<ol style="list-style-type: none"> <li>Evaluate fit, occlusion, and retention.</li> <li>Acrylic adjustments, occlusal equilibrations, and fit refining may be done using a small carbide bur.</li> <li>All materials may be pumiced and polished as normal.</li> </ol>	<ol style="list-style-type: none"> <li>Evaluate for fit and centered opposing midline contact.</li> <li>Verify smooth protrusive slide.</li> <li>Verify posterior disclusion.</li> </ol>
Patient Instructions	<p><b>Proper Removal Technique:</b> 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.</p> <ol style="list-style-type: none"> <li>Clarify correct insertion and removal techniques.</li> <li>Instruct wear-time schedule per treatment plan.</li> <li>Provide "Patient Use/Care Instructions" pamphlet.</li> </ol> <p><b>Important Reminders:</b> No soaking for long periods. Keep out of reach of pets.</p>					
Repair Instructions	<ul style="list-style-type: none"> <li>New U/L models and bite registration for fabrication.</li> </ul>	<p><b>For appliances requiring relining for better fit:</b> Send appliance along with new upper and lower models in good condition. <i>A pick-up impression is not recommended.</i></p> <p><b>For occlusal resurfacing, acrylic repairs, or other alterations:</b> Send appliance along with new upper and lower models in good condition.</p> <p><b>For appliances needing U/L bite changes:</b> Add new correct bite registration or add bite registration material to splint while in place.</p>				

**IMPORTANT INFORMATION CONCERNING DSG ORAL SLEEP 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.

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