Essential Dental Systems

Flexi-Overdenture®

Based upon a patented split shank post, the ball and socket attachment delivers all the benefits of the Flexi-Post for highest retention of full and partial dentures. Provides a simple, inexpensive overdenture at chairside.

The optional EZ-Change patented keeper & cap insert allows for “quick and easy” nylon cap replacement. When worn, the cap insert may be easily removed from the permanent metal keeper, requiring only seconds for replacement.

FEATuRES

Patented split shank design.

Flange and second tier.

Attachment can be placed without lab assistance.

Patient-friendly.

Ball and socket attachment.

Standard Nylon Cap.

System allows for the incorporation of the EZ-Change attachment.

Countersink drill/root facer.

Technique adaptable to other Essential Dental Systems’ post products.

BENEFITS

Delivers maximum retention with minimal stress.7

Provides greater stability of the post and dissipates forces of occlusion that otherwise fracture the post or root.8-9

Produces quick, easy, economical results completely at chairside.10

Easy for patient to use: easy to place, easy to clean.

Allows rotation of the denture attachment. No need for parallelism.

Provides 3 to 5 pounds of retention. Easily replaced at low cost with in-office procedure.11-12

Provides 3 to 5 pounds of retention. The patented metal keeper and nylon cap insert system allows for “quick and easy” nylon cap replacement. When worn, this cap may be easily removed, requiring only seconds for replacement and considerably shortening chair time.11-12

Allows the dentist to seat the flange deeper into the tooth in cases where occlusal space is limited.

Gives the practitioner the ability to perfect one technique for a variety of clinical situations.

THE ESSENTIAL DIFFERENCES BETWEEN FLEXI-OVERDENTURE AND EVERY OTHER OVErDENTURE

Small Head Of Male Attachment

Limits the amount of material that has to be removed from the denture.

Proximity Of Male Attachment To The Root

Minimizes stresses under function.

Super Tough Female Attachment

Incorporates easily into the denture or metal keeper for maximum retention. Replaces easily after long wear. Prevents harmful impact when placed over male attachment. Absorbs the stresses of occlusion. Adapts simply into the denture without lab work.

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Flexi-Overdenture Post Dimensions (For Both Stainless Steel and Titanium Alloy Posts):

<table>
<thead>
<tr>
<th>Post Number</th>
<th>1</th>
<th>2</th>
<th>3</th>
</tr>
</thead>
<tbody>
<tr>
<td>Color Code</td>
<td>Red</td>
<td>Blue</td>
<td>Green</td>
</tr>
<tr>
<td>Diameter of Ball</td>
<td>2.5mm</td>
<td>2.5mm</td>
<td>2.5mm</td>
</tr>
<tr>
<td>Length of Head</td>
<td>2.7mm</td>
<td>2.7mm</td>
<td>2.7mm</td>
</tr>
<tr>
<td>Length of Shaft</td>
<td>9.5mm</td>
<td>10.5mm</td>
<td>13.0mm</td>
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<tr>
<td>Diameter Without Threads</td>
<td>1.00mm</td>
<td>1.25mm</td>
<td>1.50mm</td>
</tr>
<tr>
<td>Diameter With Threads</td>
<td>1.40mm</td>
<td>1.65mm</td>
<td>1.90mm</td>
</tr>
<tr>
<td>Diameter of Primary Reamer</td>
<td>1.20mm</td>
<td>1.45mm</td>
<td>1.70mm</td>
</tr>
<tr>
<td>Length of Primary Reamer</td>
<td>11.0mm</td>
<td>12.0mm</td>
<td>14.5mm</td>
</tr>
</tbody>
</table>

An overdenture that's supported by the split-shank Flexi-Post delivers maximum retention with minimal stress.

The unique split-shank prevents root fracture, and absorbs stress by gradually closing during placement. Insertion is easier and cleaner because the split shank creates vertical blades which sweep debris into the split.

Additionally, you get a better, more secure fit at the area where the canal widens, because the Flexi-Overdenture post has a second tier that widens at the same point. This makes Flexi-Overdenture the most retentive overdenture around.

The Flexi-Overdenture® EZ-Change® attachment is a new patented keeper and cap system that allows for “quick and easy” nylon cap insert replacement, while utilizing the current overdenture post system. A metal keeper is permanently cold cured into the denture to hold a threaded nylon cap insert. When worn, this cap may easily be removed, requiring only seconds for replacement, thereby considerably shortening chair time.

There are no limitations to the Flexi-Overdenture System. In fact, we recommend it for use as an invisible attachment with a partial denture. The Flexi-Post Overdenture Attachment is simply an essential part of every restorative dental practice.

For our complete line of patented dental products please visit our website at: www.edsdental.com