36 Month Clinical Trial Results

Principal Investigators: Dr. John Burgess and Dr. Carlos Munoz

- No failures attributable to SDR®
- No recurrent caries
- No post-operative sensitivities
- No adverse effects on gingiva in contact with SDR®
- No adverse events reported throughout the trial

* Data on file.

Versatile usage Indications:

- Base in class I, II direct restorations
- Liner under direct restorative materials – class II box liner
- Pit + fissure sealant
- Core build up

For restorations without capping:

- Small class I (conservative class I)
- Primary molars

ReOrder Information

DENTSPLY Endo-Resto System

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>61104276</td>
<td>1 x AH Plus® Jet™ Mixing Syringe, 15 g, 10 x AH Plus® Jet™ Mixing/IntraOral Tips, 1 x Mixing Pad, 1 x AH Plus® Cleaner Bottle, 5 ml, 1 x Roeko Endo Frost Pellets Minisample, 200 pcs., 2 x Applicator Dish, 1 x MAILLEFER Excavator, 1 x DeTrey® Conditioner 36, 3 ml, 25 x DeTrey® Applicator Needles, 1 x XP BOND®, 2.5 ml, 1 x CliXdish™, 50 x Applicator Tips, 1 x Compules® Tips Gun, 15 x SDR® Compula® Tips, IFU's</td>
</tr>
</tbody>
</table>

SDR® Intro Kit with Xeno®V™

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>60603000</td>
<td>45 Compula® Tips (0.25 g each) Universal Shade</td>
</tr>
<tr>
<td></td>
<td>1 x SDR® Storage Box, 1 x 2.5 ml Xeno®V™, 1 x CliXdish™, 1 x Compules® Tips Gun</td>
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</table>

SDR® Refill

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>60603002</td>
<td>15 x Compula® Tips (0.25 g each) Universal Shade</td>
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SDR® Eco Refill

<table>
<thead>
<tr>
<th>Code</th>
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<tbody>
<tr>
<td>60603003</td>
<td>50 Compula® Tips (0.25 g each) Universal Shade</td>
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<tr>
<td></td>
<td>1 x SDR® Storage Box</td>
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SDR® Syringe Refill

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<th>Code</th>
<th>Description</th>
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<tbody>
<tr>
<td>60603005</td>
<td>3 x Syringes (1g each), 20 Applicator Needles</td>
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</table>

SDR® Syringe Eco Refill

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<tr>
<th>Code</th>
<th>Description</th>
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</thead>
<tbody>
<tr>
<td>60603011</td>
<td>10 x Syringes (1g each), 60 Applicator Needles</td>
</tr>
</tbody>
</table>

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For better dentistry
Taking your endo to the top!

Scan and see SDR® for post-endo filling

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UNITED KINGDOM | Phone +44 (0) 1932 85 34 22 | www.dentsplymea.com
Every perfect endo needs a perfect resto!

SAFE AND RELIABLE

“The success rate of good root canal obturations decreased from 90% to 44% in the case of poor coronal restorations.”¹

SDR® provides:

1. **Up to 60% less shrinkage stress**
   - Allows SDR® to be applied safely in layers of up to 4mm
   - The SDR® bulk filling technique saves time

   ![Polymisation stress of composites MPa](image)

   - Filtek Supreme XT flow³: 3.9
   - Tetric EvoFlow³: 2.92
   - Filtek Supreme XT³: 2.73
   - Tetric EvoCeram³: 1.86
   - Tetric EvoCeram bulk FFP: 2.38
   - Filtek Bulk FFP: 1.94
   - SDR®: 1.49

2. **Outstanding adhesion to dentin in high C-factor endo cavities**⁴
   - Zero pre-test failures
   - Reliable bond strength: 41.8 MPa in 4mm placement

   “When high C-factor cavities are filled in bulk, the choice of the composite will be important in order to avoid adhesive debonding.”⁴

   “[SDR®] provided satisfactory bond strength regardless of filling technique and cavity depth.”⁴

   (University of Leuven, 2013)

3. **Tight coronal seal**
   - Zero leakage into root canals
   - Enhances the success rate of endodontic treated teeth

   ![Relative number [%] of specimen showing leakage into root canal](image)
"SDR® is an ideal post endodontic composite resin."

Dr. Holzmeier

SIMPLE, FAST AND EFFICIENT

Endo cavity ready for composite filling.

Bulk fill SDR® up to 4mm.

Further bulk fill up to 4mm.

Capping with Ceram X® mono+ ... done!

Tooth 46 right after obturation with gutta percha.

Bulk fill with SDR® – Excellent self-leveling and cavity adaption.

Final result with Ceram X® mono+ as capping material.

High radiopacity of SDR®.

High translucency of polymerized SDR® allows gutta percha to shine through, during retrieval.

Tooth 36 after SDR® was removed, gutta percha fully visible.

Scan and see the easy retrievability of SDR®.

