Solid Abutment Procedure for Tissue Level Implant
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The presentation that follows lists only one combination of parts. Obviously the clinical situation may call for substitution of another part on this slide.

Cover screw in place

Choose matching abutment
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<table>
<thead>
<tr>
<th>Size</th>
<th>Part #</th>
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<tbody>
<tr>
<td>Torque/Ratchet Wrench</td>
<td>TR-900-01</td>
</tr>
<tr>
<td>Thumbwheel/ITI Wrench Adapter</td>
<td>ITI-Adapter</td>
</tr>
<tr>
<td>.048 Hex Driver short</td>
<td>SDS048</td>
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<tr>
<td>.048 Hex Driver long</td>
<td>SDL048</td>
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</table>

Prosthetic instruments needed
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Assemble screw driver with ITI - Adapter (thumb-wheel / adapter)

Insert assembled screw driver into cover screw and turn clockwise

Remove cover screw from implant
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8 degree Morse taper on the outside of the abutment. Matches the 8 degree Morse taper within the implant.

Screw the solid abutment into the implant at 30-35 Ncm. The Morse taper will lock the abutment in place.

Top view of Regular 4.0mm abutment with .048 hex.

Side view of Regular 4.0mm abutment.
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Insert the abutment into the One Stage Implant and rotate clockwise until snug.

Remove the screwdriver assembly.
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Insert driver into abutment and turn torque ratchet clockwise until torque of 30 Ncm is reached and the head of the ratchet releases.

Insert the Hex Driver within the 30Ncm torque ratchet.

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Plastic impression cap has a flat side

The flat side within the impression cap matches the flat side of the abutment
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Make sure to align the flats within the abutment with the internal flat surface of the impression cap.

Bevel on the impression cap should snap over the bevel on the implant.
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Inject impression material around the impression transfer
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Insert tray with impression material

Seated impression to capture dental arch
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Remove the impression from the mouth when material has set.

The impression cap will be removed with the impression tray.
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Seat the temporary coping over the abutment and cut to appropriate height

Use a crown form to reline over the temporary coping to create a custom provisional restoration
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The laboratory abutment analog is inserted into the plastic impression coping.

Make sure to match the flat side on the abutment analog to the flat of the impression.

Impression snap is captured and picked up within the impression.
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Apply soft tissue replica material around abutment level analog

Pour dental stone Straight into the impression
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The completed dental stone model with the solid abutment analog in place

Engaging waxing sleeve (clear) has an internal flat side to match the flat side on the abutment analog
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Make sure to align the flats of the engaging wax sleeve with the flats of the solid abutment analog.

Apply engaging waxing sleeve (clear) for a single crown, Non-engaging waxing sleeve (white) for a splinted multi-unit case.

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Add die spacer on the abutment and wax up the undercasting directly on the abutment.
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Cast wax up in usual manner and complete the metal casting

Stack and fire the ceramic in the usual manner and complete the restoration
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Use permanent cement to place final crown