Prosthetic Manual

Bright Ideas in Dental Implants
Open Tray Impression
(Example shown is a ø4.3 mm Tri-Nex implant)

Step 1
The Healing Abutment is removed with the Unigrip Driver (I-UGI).

Step 2
The Impression Coping is positioned into the internal tri-lobed of the implant and fully seated with the Unigrip Driver (I-UGI). Note: It is recommended to take an x-ray to ensure the proper fit between the Impression Coping and the implant.

Step 3
It is recommended to locate the screw head to facilitate access after the impression and prevent impression material from obstructing the screw head. A light or medium body impression material is injected around the Implant/Impression Coping junction at the gingival aspect. Then the customized impression tray is completely filled with heavy body or putty impression material and fully seated to take the impression.

Step 4
Once the impression material has set, the screw of the Impression Coping is loosened and the impression with the Impression Coping is removed. The Analog is then attached to the Impression Coping and the Impression Coping/Analog assembly, with the retention screw is sent to the laboratory, including an impression of the opposing arch and a proper jaw relation record.

The Healing Abutment is placed onto the Implant or a temporary crown is seated.

For a chairside fabricated temporary crown, the Temporary Titanium Cylinder is shortened to the appropriate occlusal scheme and the Retention Screw is torqued at 20Ncm onto the implant. Then the crown, fabricated chairside or previously provided by the laboratory is placed.

The prosthetic sequences illustrated are guidelines only. Alternative restorative options are available for successful implant restoration. Please consult the Southern Implants catalog for additional prosthetic components.
Single, Cemented Restoration
(Example shown is a ø4.3 mm Tri-Nex Implant)

Step 1
After the Healing Abutment or temporary crown is removed, the Cosmetic Abutment is seated onto the implant by engaging the Retention Screw with a Unigrip Driver (I-UGI). Then an x-ray is taken to ensure proper seating of the abutment. At this point, the Wrench Insert (I-WI-UG) is inserted into the Torque Wrench (I-TW-45) and the Retention Screw is tightened to 32Ncm.

Step 2
The crown is placed and occlusion and aesthetics are evaluated and adjusted as necessary. Note: It is recommended that the screw access hole be blocked out with a cotton pellet. At this point, the crown cemented onto the Cosmetic Abutment. All access cement must be meticulously removed and the occlusion is evaluated once more. The patient is then provided with oral hygiene instructions and a recall appointment is recommended.

Step 1
After the Healing Abutment or temporary crown is removed, the final crown is secured to the implant by a Retention Screw with a Unigrip Driver (I-UGI). Then an x-ray is taken to ensure proper seating of the restoration. At this point, the Wrench Insert (I-WI-UG) is inserted into the Torque Wrench (I-TW-45) and the Retention Screw is tightened to 32Ncm.

Step 2
A block-out material is placed in the screw access opening before sealing it with composite resin. At this point, the occlusion can be adjusted as necessary. The patient is then provided with oral hygiene instructions and a recall appointment is recommended.

The prosthetic sequences illustrated are guidelines only. Alternative restorative options are available for successful implant restoration. Please consult the Southern Implants catalog for additional prosthetic components.
Closed Tray Impression
(Example shown is a ø4.3 mm Tri-Nex Implant)

Step 1
The Healing Abutment is removed with the Unigrip Driver (I-UGI).

Step 2
The Impression Coping is positioned into the internal tri-lobe of the implant and fully seated with the Unigrip Driver (I-UGI). Note: It is recommended to take an x-ray to ensure the proper fit between the Impression Coping and the implant.

Step 3
A light or medium body impression material is injected around the Implant/Impression Coping junction at the gingival aspect. Then the customized impression tray is completely filled with heavy body or putty impression material and fully seated to take the impression.

Step 4
Once the impression material is completely set, the impression tray can be removed leaving the impression coping still attached to the implant. The impression coping can now be removed and transferred back into the impression. The impression coping must be completely seated with the correct orientation, preferably under magnification. The impression with the Impression Coping/Analog assembly and screw is sent to the laboratory, including an impression of the opposing arch and a proper jaw relation record.

The Healing Abutment is placed onto the Implant or a temporary crown is seated.

For a chairside fabricated temporary crown, the Temporary Titanium Cylinder is shortened to the appropriate occlusal scheme and the Retention Screw is torqued at 20Ncm onto the implant. Then the crown, fabricated chairside or previously provided by the laboratory is placed.

The prosthetic sequences illustrated are guidelines only. Alternative restorative options are available for successful implant restoration. Please consult the Southern Implants catalog for additional prosthetic components.
Single, Cemented Restoration
(Example shown is a ø4.3 mm Tri-Nex Implant)

Step 1
After the Healing Abutment or temporary crown is removed, the Cosmetic Abutment is seated onto the implant by engaging the Retention Screw with a Unigrip Driver (I-UGI). Then an x-ray is taken to ensure proper seating of the abutment. At this point, the Wrench Insert (I-WI-UG) is inserted into the Torque Wrench (I-TW-45) and the Retention Screw is tightened to 32Ncm.

Step 2
The crown is placed and occlusion and aesthetics are evaluated and adjusted as necessary.
Note: It is recommended that the screw access hole be blocked out with a cotton pellet. At this point, the crown cemented onto the Cosmetic Abutment. All access cement must be meticulously removed and the occlusion is evaluated once more. The patient is then provided with oral hygiene instructions and a recall appointment is recommended.

Single, Screw Retained Restoration
(Example shown is a ø4.3 mm Tri-Nex Implant)

Step 1
After the Healing Abutment or temporary crown is removed, the final crown is secured to the implant by a Retention Screw with a Unigrip Driver (I-UGI). Then an x-ray is taken to ensure proper seating of the restoration. At this point, the Wrench Insert (I-WI-UG) is inserted into the Torque Wrench (I-TW-45) and the Retention Screw is tightened to 32Ncm.

Step 2
A block-out material is placed in the screw access opening before sealing it with composite resin. At this point, the occlusion can be adjusted as necessary. The patient is then provided with oral hygiene instructions and a recall appointment is recommended.

The prosthetic sequences illustrated are guidelines only. Alternative restorative options are available for successful implant restoration. Please consult the Southern Implants catalog for additional prosthetic components.
EPC Abutment Impression
(Example shown is a ø4.3 mm Tri-Nex Implant)

Step 1
The Healing Abutment is removed with the Unigrip Driver (I-UGI). The EPC Abutment is also inserted using the Unigrip Driver (I-UGI). The EPC screw is torqued to 32 Ncm.

Step 2
The EPC Impression Coping is pushed over the EPC Abutment. The EPC Impression Coping is pushed until it snaps, indicating that the coping is fully engaged.

Step 3
A closed tray impression is then taken using a medium or heavy body impression material.

Step 4
Select the corresponding diameter laboratory analog (EPC-LA-35/43/50/60). Click the analog into the EPC Impression Coping and pour the plaster.

The Healing Cap is placed on the EPC Abutment or a temporary crown is seated.

The prosthetic sequences illustrated are guidelines only. Alternative restorative options are available for successful implant restoration. Please consult the Southern Implants catalog for additional prosthetic components.
Single, Cemented Restoration
(Example shown is a ø4.3 mm Tri-Nex Implant)

Step 1
After the Healing Cap or temporary crown is removed, the selected abutment is seated onto the implant by engaging the abutment with a Unigrip Driver (I-UGI). Then an x-ray is taken to ensure proper seating of the abutment. The Wrench Insert (I-WI-UG) is inserted into the Torque Wrench (I-TW-45) and the EPC Abutment is tightened to 32Ncm before the impression is taken.

Step 2
The crown is placed and occlusion and aesthetics are evaluated and adjusted as necessary.

Note: It is recommended that the screw access hole be blocked out with a block-out material.

The crown is cemented onto the EPC Abutment. All access cement must be meticulously removed and the occlusion is evaluated once more. The patient is then provided with oral hygiene instructions and a recall appointment is recommended.

The prosthetic sequences illustrated are guidelines only. Alternative restorative options are available for successful implant restoration. Please consult the Southern Implants catalog for additional prosthetic components.