



SUBMERGED SYSTEM PROSTHETIC PROCEDURE

CSM///Implant

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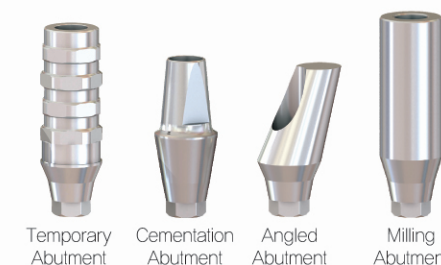
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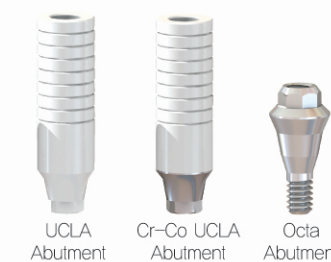


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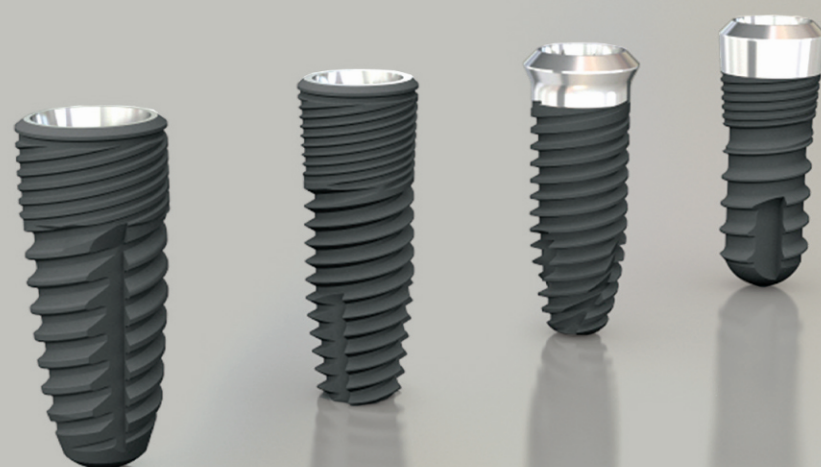
Cementation Retained Restoration



Screw Retained Restoration



Overdenture Restoration





Part 01

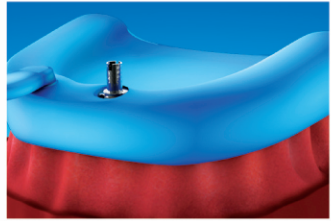
Temporary Abutment

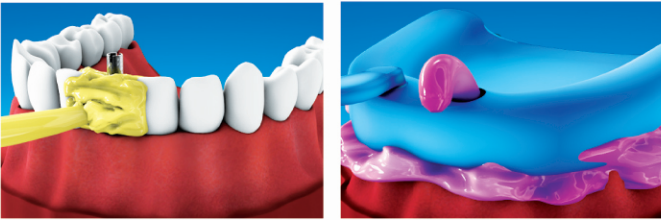
1. Usage for making temporary prosthetic appliances
2. Diameter: $\varnothing 4.5/\varnothing 5.5$
3. Collar: 1.5/2.5/3.5/4.5
4. Divided into hex and Non-Hex
5. Recommended fastening torque: 20 Ncm
6. Usage of a torx driver

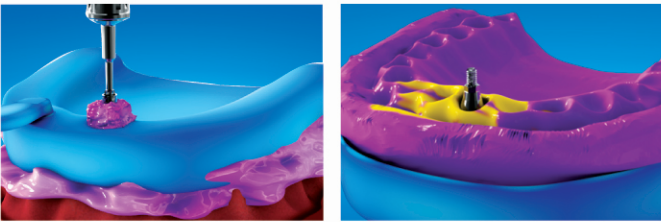
Prosthetic Procedure Temporary Abutment


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Using a Torx Driver, separate the Healing Abutment fastened to the Fixture in the oral cavity.
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Align the Pick-up Impression Coping with the inside of the Fixture to connect it to the Fixture and fasten the Coping Pin using a Torx Driver.
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Place the Custom Tray in the oral cavity to check if the location of the Impression Coping Pin and the location of the Hole in the Tray are aligned with each other.
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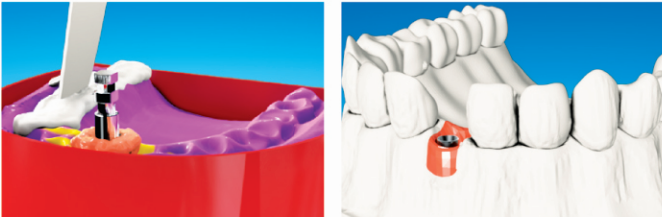
Apply the dedicated impression material on the Impression Coping and the Tray to take an impression. (Apply an adhesive around the Tray.)
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When the impression material has hardened, remove the Impression Coping Pin using a Torx Driver and separate the impression body.
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Fasten the Fixture Analogue accurately to the Impression Coping on the impression body.





Prosthetic Procedure Temporary Abutment


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To reproduce the gum in the oral cavity, perform the Artificial Gum work and inject dental hard plaster (Stone) into the impression body to complete a working model.
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Fasten the Temporary Abutment to the working model using a Torx Driver and check if any revision is necessary.
- 


Perform the Wax-up work.
- 


Make a Mold by applying Putty on the model after Wax-up.
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Remove the Wax-up.
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Fill the inside of the Mold with the dedicated Resin and place the mold again on the model to which the Temporary Abutment has been fastened.

Prosthetic Procedure Temporary Abutment

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When the Resin has hardened, form the Screw Hole on the completed temporary denture to finish the temporary denture.
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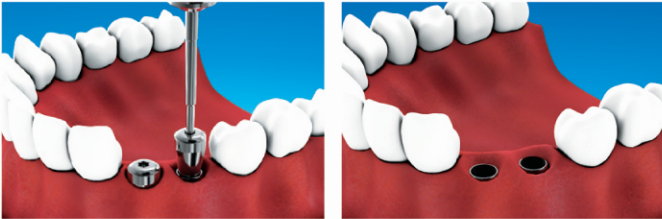



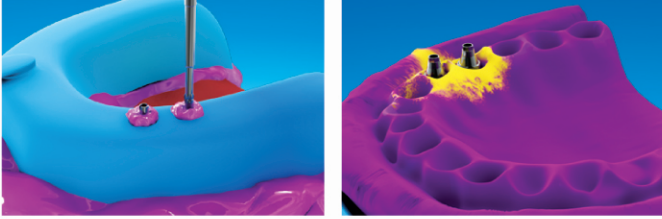
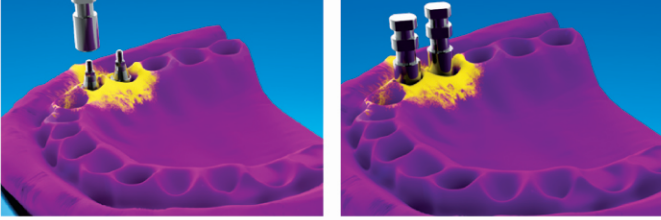
After the Casting work, match the cast body against the working model. Fasten the completed temporary denture to the oral cavity of the patient and finish the Screw Hole by Resin Filling. When all treatments have been completed, educate the patient on oral hygiene and oral care.

Part 02











Cementation Abutment

1. Usage for making cement-type prosthetic appliances
2. Diameter: $\varnothing 4.0$ (2.1 Double Hex)
 $\varnothing 4.5$ / $\varnothing 5.5$ / $\varnothing 6.5$
3. Collar: 1.5 / 2.5 / 3.5 / 4.5
4. Divided into hex and Non-Hex
5. Recommended fastening torque: 30 Ncm
6. Usage of a torx driver






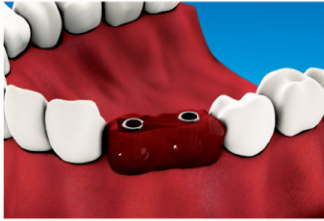

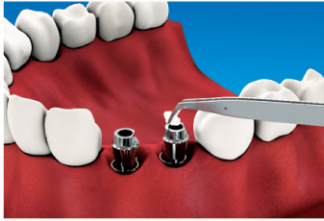


Prosthetic Procedure Cementation Abutment

- 1  Using a Torx Driver, separate the Healing Abutment fastened to the Fixture in the oral cavity.
- 2  Align the Pick-up Impression Coping with the inside of the Fixture to connect it to the Fixture and fasten the Coping Pin using a Torx Driver.
- 3  Place the Custom Tray in the oral cavity to check if the location of the Impression Coping Pin and the location of the Hole in the Tray are aligned with each other.
- 4  Apply the dedicated impression material on the Impression Coping and the Tray to take an impression. (Apply an adhesive around the Tray.)
- 5  When the impression material has hardened, remove the Impression Coping Pin using a Torx Driver and separate the impression body.
- 6  Accurately fasten the Fixture Analogue to the Impression Coping on the impression body.

Prosthetic Procedure Cementation Abutment

- 7   To reproduce the gum in the oral cavity, perform Artificial Gum work and inject dental hard plaster (Stone) into the impression body to complete a working model.
- 8   Fasten the Cementation Abutment to the working model using a Torx Driver and check if any revision is necessary. (If any revision is necessary, excise the abutment.)
- 9  Build up the Pattern Resin to fit the shape of the prosthesis to be made.
- 10   Perform the Wax-up work.
- 11  Perform the Cut-Back work.
- 12   After the Casting work, match the cast body against the working model.

Prosthetic Procedure Cementation Abutment

- 13   Perform the Build-up work on the cast body to match the teeth color.
- 14   After correcting the shape, perform the Glazing work to polish the teeth.
- 15   After completing the final Crown or before making it, place the Abutment in the oral cavity again. Make a Transfer-Jig that plays the role of a guide and move the Abutment fastened to the Jig into the oral cavity of the patient.
- 16   Fasten the Abutment Screw at the recommended torque (30Ncm) using a Torx Driver. After removing the Jig, block out the Screw Hole on the Cementation Abutment.
- 17   Attach the Crown on the Abutment using the Cement dedicated to dental implants and remove the Cement that flowed out. When all treatments have been completed, educate the patient on oral hygiene and oral care.

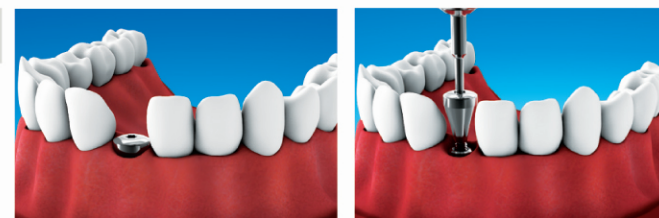
Part 03

Angled Abutment

1. Usage for making a cement-type prosthetic appliance
2. Dived into 15 ° and 25 ° and used mainly for the anterior region
3. Diameter: $\varnothing 4.5$ / $\varnothing 5.5$
4. Collar: 1.5/2.5/3.5/4.5
5. Divided into hex and Non-Hex
6. Recommended fastening torque: 30 Ncm
7. Usage of a torx driver

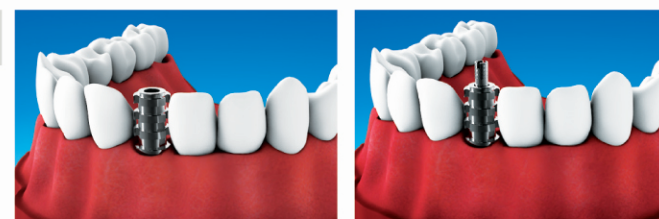
Prosthetic Procedure Angled Abutment

1



Using a Torx Driver, separate the Healing Abutment fastened to the Fixture in the oral cavity.

2



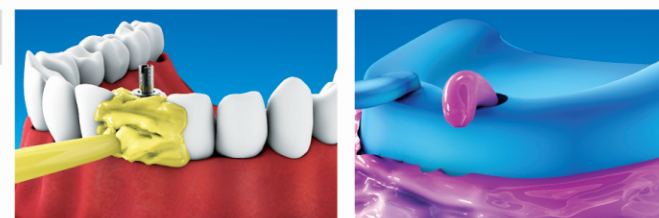
Align the Pick-up Impression Coping with the inside of the Fixture to connect it to the Fixture and fasten the Coping Pin using a Torx Driver.

3



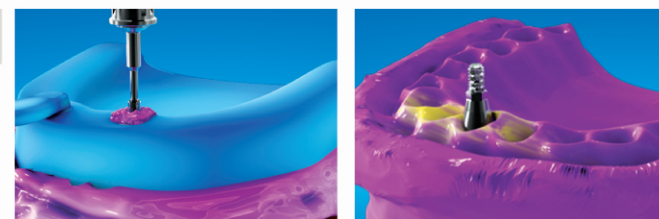
Place the Custom Tray in the oral cavity to check if the location of the Impression Coping Pin and the location of the Hole in the Tray are aligned with each other.

4



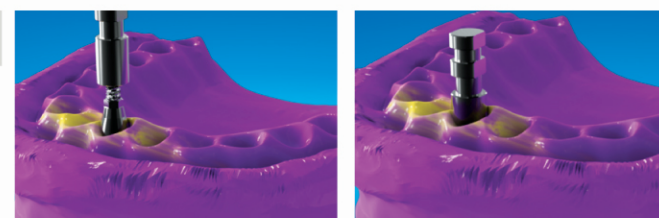
Apply the dedicated impression material on the Impression Coping and the Tray to take an impression. (Apply an adhesive around the Tray.)

5



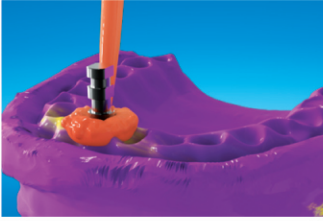









When the impression material has hardened, remove the Impression Coping Pin using a Torx Driver and separate the impression body.

6







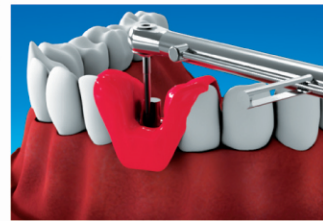





Fasten the Fixture Analogue accurately to the Impression Coping on the impression body.

Prosthetic Procedure Angled Abutment

- 7   To reproduce the gum in the oral cavity, perform the Artificial Gum work and inject dental hard plaster (Stone) into the impression body to complete a working model.
- 8   Fasten the Angled Abutment to the working model using a Torx Driver and check if any revision is necessary. (If any revision is necessary, excise the abutment.)
- 9  Build up the Pattern Resin to fit the shape of the prosthesis to be made.
- 10   Perform the Wax-up work.
- 11  Perform the Cut-Back work.
- 12   After the Casting work, match the cast body against the working model.

Prosthetic Procedure Angled Abutment

- 13   Perform the Build-up work on the cast body to match the teeth color.
- 14   After correcting the shape, perform the Glazing work to polish the tooth.
- 15   After completing the final Crown or before making it, place the Abutment in the oral cavity again. Make a Transfer-Jig that plays the role of a guide and move the Abutment fastened to the Jig into the oral cavity of the patient.
- 16   Fasten the Abutment Screw at the recommended torque (30Nm) using a Torx Driver. After removing the Jig, block out the Screw Hole on the Angled Abutment.
- 17   Attach the Crown on the Abutment using the Cement dedicated to dental implants and remove the Cement that flowed out. When all treatments have been completed, educate the patient on oral hygiene and oral care.

Part 04

UCLA Abutment

1. Usage for cases in which there is a restriction in the path, as well as in consideration of aesthetic and spatial factors
2. Divided into plastic and CCM. The prosthetic appliance is made through casting (screw type).
3. Diameter: $\varnothing 4,5$
4. Collar: 1,0
5. Divided into hex and Non-Hex
6. Recommended fastening torque: 30 Ncm
7. Usage of a torx driver

Prosthetic Procedure UCLA Abutment



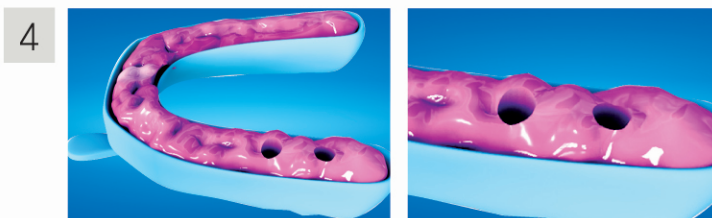
Using a Torx Driver, separate the Healing Abutment fastened to the Fixture in the oral cavity.



Align the Transfer Impression Coping with the inside of the Fixture to connect it to the Fixture and fasten the Abutment Screw using a Torx Driver.



Apply the dedicated impression material on the Impression Coping and the Tray to take an impression. (Apply an adhesive around the Tray.)



When the impression material has hardened, separate the impression body.



Fasten the Transfer Impression Coping to the Fixture Analogue and place it accurately using the Hole formed on the impression body.



To reproduce the gum in the oral cavity, perform the Artificial Gum work and inject dental hard plaster (Stone) into the impression body to complete a working model.

Prosthetic Procedure UCLA Abutment



Fasten the UCLA Abutment to the working model using a Torx Driver and check if any revision is necessary.



Build up the Pattern Resin to fit the shape of the prosthesis to be made.



Perform the Wax-up work.



Perform the Cut-Back work.



After the Casting work, match the cast body against the working model.



Perform the Build-up work on the cast body to match the teeth color.

Prosthetic Procedure UCLA Abutment



After correcting the shape, perform the Glazing work to polish the tooth.



Fasten the Abutment Screw at the recommended torque (30Ncm) using a Torx Driver.

Part 05

Retainer Abutment

1. Usage for making overdentures
2. Diameter: $\varnothing 3.9$
3. Collar: 1/2/3/4/5/6/7/8/9/10
4. Recommended fastening torque: 30 Ncm
5. Usage of a torx driver

Prosthetic Procedure Retainer Abutment

1



Using a Torx Driver, separate the Healing Abutment fastened to the Fixture in the oral cavity.

2



Fasten the Retainer Abutment to the Fixture using a Torx Driver.

3



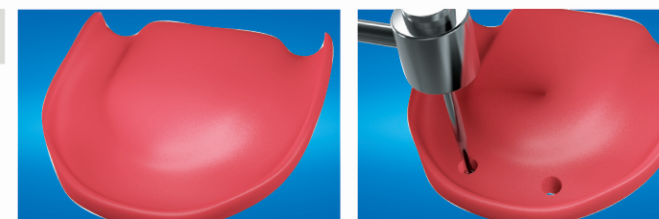
Connect the Space to the Retainer Abutment.

4



Fasten the Plastic Cap for impression to the inside of the Retainer Cap and connect the Retainer Cap to the Retainer Abutment.

5



Make a Hole on the existing Denture at a position appropriate to fix the Retainer Cap using the Burr and apply the resin.

6

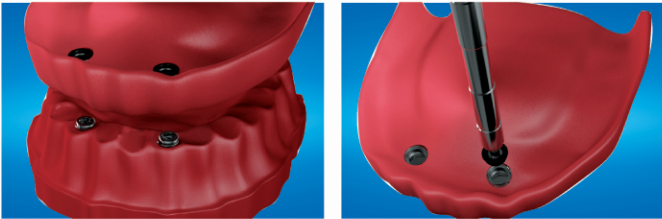
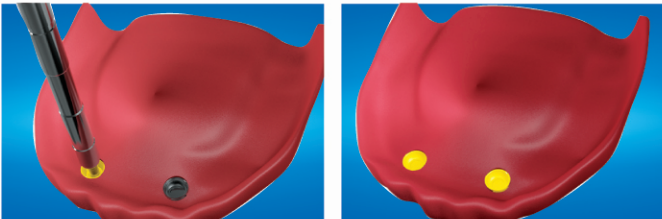



Move the Denture to the inside of the oral cavity and fix the Retainer Cap to the Denture.

Prosthetic Procedure

Retainer Abutment

NOTE

- 7  Remove the Plastic Cap for impression using a Retainer Driver.
- 8  Connect the Plastic Cap appropriate for the patient's condition to the Retainer Cap.
- 9  Place the completed Denture in the oral cavity of the patient. When all treatments have been completed, educate the patient on oral hygiene and oral care.

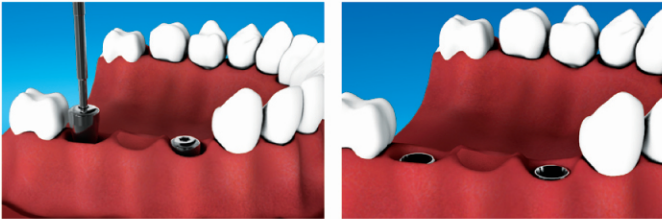
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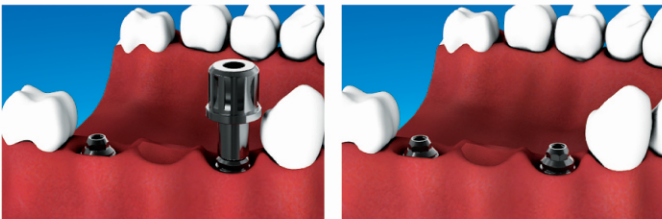
Part 06

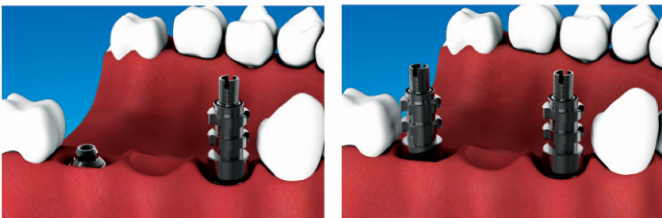
Octa Abutment


1. Usage for making a screw-type prosthetic appliance for a bridge case with a path that is out of the alignment
2. Temporary: Consists of cementation and Cr-Co UCLA cylinder
3. Diameter: $\varnothing 4,5$ / $\varnothing 5,5$
4. Collar: 1,5/2,5/3,5/4,5
5. Recommended fastening torque: 30 Ncm (20 Ncm for the cylinder)
6. Usage of an octa driver (Use a torx driver for the cylinder)

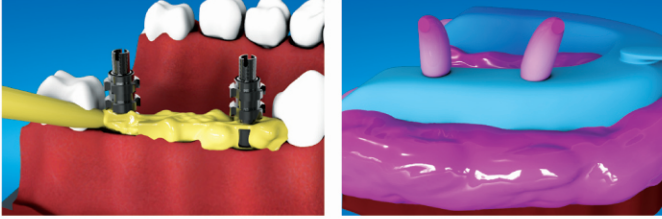
Prosthetic Procedure Octa Abutment

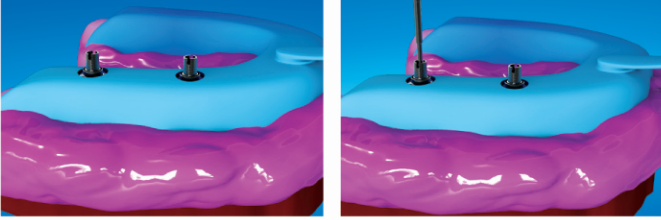
- 

Using a Torx Driver, separate the Healing Abutment fastened to the Fixture in the oral cavity.
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Fasten the Octa Abutment to the Fixture using an Octa Driver. (fastening torque: 30Ncm)
- 


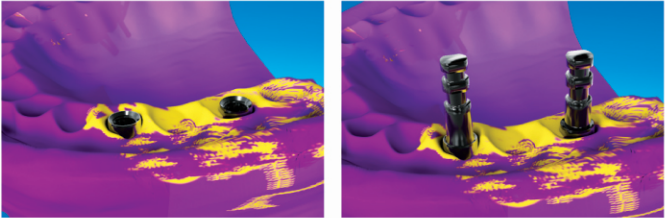




Align the Pick-up Impression Coping with the outside of the Octa Abutment to connect it to the Octa Abutment and fasten the Coping Pin using a Torx Driver.
- 

Place the Custom Tray in the oral cavity to check if the location of the Impression Coping Pin and the location of the Hole in the Tray are aligned with each other.
- 






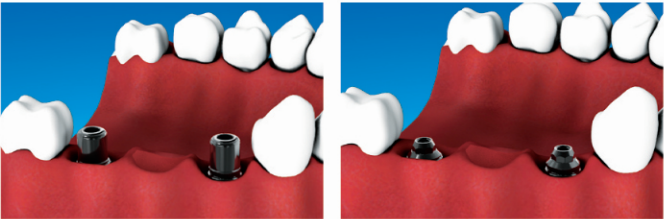
Apply the dedicated impression material on the Impression Coping and the Tray to take an impression. (Apply an adhesive around the Tray.)
- 

When the impression material has hardened, remove the Impression Coping Pin using a Torx Driver and separate the impression body.

Prosthetic Procedure Octa Abutment

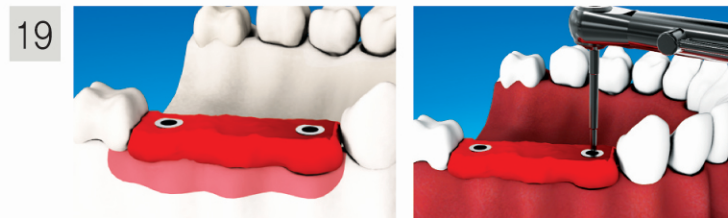
- 7  Connect the Protect cap to the Octa Abutment using a Torx Driver.
- 8  Fasten the Octa Abutment Analogue accurately to the Impression Coping on the impression body.
- 9  To reproduce the gum in the oral cavity, perform Artificial Gum work and inject dental hard plaster (Stone) into the impression body to complete a working model.
- 10  Fasten the Cementation Cylinder to the working model using a Torx Driver and check if any revision is necessary.
- 11  Build up the Pattern Resin to fit the shape of the prosthesis to be made.
- 12  Perform the Wax-up work.

Prosthetic Procedure Octa Abutment

- 13  Perform the Cut-Back work.
- 14  After the Casting work, match the cast body against the working model.
- 15  Perform the Build-up work on the cast body to match the teeth color.
- 16  After correcting the shape, perform the Glazing work to polish the teeth.
- 17  After completing the final Crown or before making it, place the Cylinder in the oral cavity again. Make a Transfer-Jig that plays the role of a guide and move the Cylinder fastened to the Jig into the oral cavity of the patient.
- 18  Separate the Protect Cap in the oral cavity.

Prosthetic Procedure

Octa Abutment



Fasten the Abutment Screw at the recommended torque (20Ncm) using a Torx Driver. After removing the Jig, block out the Screw Hole on the Cementation Abutment.



Attach the Crown on the Abutment using the Cement dedicated to dental implants and remove the Cement that flowed out. When all treatments have been completed, educate the patient on oral hygiene and oral care.

NOTE

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