1. Intended for use

- General
  For the recovery of the patients' masticatory movement, this is an upper structure of the implant to support the prosthetics such as implants. (This is the upper part of the dental implant for the masticatory movement of the teeth.)
- Cemented Abutment
  Cemented Abutment is a two-pieces abutment that is first secured to the dental implant with an abutment screw. A crown (the dental prosthesis) is then connected to the abutment with dental cement. This is used for making a final artificial tooth to provide prosthetic and aesthetic functions. Cemented Abutment is supplied non-sterile.
- Angled Abutment
  Angled Abutment is a two-pieces abutment that is first secured to the dental implant with an abutment screw. A crown (the dental prosthesis) is then connected to the abutment with dental cement. This is used for making a final artificial tooth to provide prosthetic and aesthetic functions. Angled Abutment is supplied non-sterile.
- Temporary Abutment
  Temporary Abutment is a two-pieces abutment that is first secured to the dental implant with an abutment screw. A crown (the dental prosthesis) is then connected to the abutment with dental cement. This is used for making a temporary artificial tooth to provide prosthetic and aesthetic functions while the final prosthesis is made. Temporary Abutment is supplied non-sterile.
- Solid Abutment
  Solid Abutment is a single-piece abutment that is first secured to the dental implant without the other component. A crown (the dental prosthesis) is then connected to the abutment with dental cement. This is used for making a final artificial tooth to provide prosthetic and aesthetic functions. Solid Abutment is supplied non-sterile.
- Ball Abutment
  Protect cap is used to protect ingressing other substances after solid abutment to be used. Ball Abutment should be used to protect the protective caps. Protective caps are removed the same way as a temporarily cemented crown. In order to prevent any displacement of the abutment, the protective caps must be removed using a rotating instrument. Protect Cap is supplied non-sterile.
- Multi-Unit Abutment
  The connection is intended to be connected to continuous dental implants and multiple implant screw-retained restorations.

2. Instruction for Use & Procedure

- Preparations before use
  ① Operators must understand the operating procedures and products completely before clinical use. The operators must explain the limitations of the products to patients and the patients must clearly understand the limitations of the implants functions & esthetics.
  ② The packaging must be opened immediately before use in front of the patients. The patients must be examined to check for abnormality of product. The product cannot be used when impurity or foreign substance is found.
  ③ Check abnormality of the product prior to use.
  ④ As selecting and fixing implants greatly have great influence on the life of the implants, it is essential to follow indications, contraindications, and precautions when selecting implants properly.
  ⑤ Detailed conditions of the patient must be inspected and plans for diagnosis and treatment need to be sufficiently devised before the operation.
  ⑥ In treatment of graft, oral health of the patient must be inspected in detail prior to operation to check for biological and histological factors, to check the possibility of infection, and to choose the appropriate implant material.
  ⑦ Plans for diagnosis and treatment should precede operation. Loss of graft may occur when patient evaluation and plans for diagnosis and treatment are not carried out properly.
  ⑧ Sterilize the prosthetic components with the autoclave for 15minsm with 132°C or 10mins with 153°C before use.
  ⑨ After the sterilization through dry it for 30min.
  ⑩ The treatment of all equipment to be used, must be sterilized in advance.
  ⑪ For the details of how to use each abutment is please refer to “Prosthetic Procedures”.

- Explanation of products
  ① Abutment of DIO Implant treatment, treatment product and prosthesis material, do the following Classification:

<table>
<thead>
<tr>
<th>Classification</th>
<th>Product</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dental Implant</td>
<td>Abutment</td>
</tr>
<tr>
<td>Retainer, Ball Cap, O-Ring, Protect Cap, Abutment Screw, CylinderGold/Plastic(Temporary/Permanent)</td>
<td></td>
</tr>
<tr>
<td>Dental Implant Instruments</td>
<td>Protect CapDigital, Solid, Solid Abutment Holder</td>
</tr>
</tbody>
</table>
8. Caution

①In order to install the superstructure in the mouth of the patient, the operator must check the degree of osseointegration of implanted fixture with X-ray pictures and percussion before operation.

②An open product or a damaged product must not be used.

③A product contaminated by the operator's mistake during operation must not be used.

④Implant surgery must be considered under side effects and restrictions.

⑤When processing the abutment, its angle should not be processed more than 20°. When this angle range is exceeded, serious side effects can occur.

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⑦The Abutment is to be fabricated with at least a minimum post height of 4 mm above the transmucosal collar.

⑧Caution

A product contaminated by the operator's mistake during operation must not be used.

③An open product or a damaged product must not be used.

④Implant surgery must be considered under side effects and restrictions.

⑤When processing the abutment, its angle should not be processed more than 20°. When this angle range is exceeded, serious side effects can occur.

⑦The Abutment is to be fabricated with at least a minimum post height of 4 mm above the transmucosal collar.

⑩The Temporary abutment is use long term temporary restorations that require superior esthetics(Maximum duration : 180 days).

⑨Coagulated.

①Transformation of a fine contraction and expansion when the investment is steam sterilization.

②Sterilized device components are to be packaged in a "plastic container" that is a FDA-cleared sterilization accessory prior to undergoing steam sterilization. It is recommended to clamp with recommended torque.

③The Temporary abutment system in the MR environment is unknown. Scanning a patient who has this device may result in patient injury.

④Non-sterile device components are to be packaged in a "plastic container" that is a FDA-cleared sterilization accessory prior to undergoing steam sterilization.

⑤The Temporary abutment system in the MR environment is unknown. Scanning a patient who has this device may result in patient injury.

⑦The Abutment is to be fabricated with at least a minimum post height of 4 mm above the transmucosal collar.

⑥As all products used in the mouth are disposable, they are not be reused.

Rx Only

US - Caution

Federal law(USA) restricts this device to sale by or on the order of a licensed dentist

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