Dental Implant Restoration
FLOWCHARTS
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Intra-Lock’s prosthetic components offer the restorative dentist unparalleled sophistication in oral rehabilitation, with simplicity in treatment planning and instrumentation. From the prosthetic platform to the apical end, the system’s advanced bioactive surface, ergonomic delivery, self-cutting design, and exceptional abutment stability work as one to provide a total solution for the discerning implant specialist.

**Gold & Blue™, InDex™ and EnvisionOS™** feature a proprietary Ferrule/Morse Taper connection. It takes advantage of Intra-Lock’s latest manufacturing and engineering capabilities providing an interface that is stable, robust and long-lasting. It is designed to create a superior antimicrobial seal by significantly reducing micro-leakage and micro-movement of the abutment.

For practitioners accustomed to restoring implants with abutments compatible with an internal hex configuration, Intra-Lock’s **IntraHex™** provides the flexibility of utilizing a familiar restorative system without sacrificing surgical integrity.

The **Gold & Blue™** Platform is designed to provide the ultimate strength in implant connections. This robust, long-lasting connection has already set new performance records for fatigue resistance and tensile strength, as confirmed by laboratory tests. The connection utilizes a proprietary, clinically proven ferrule connection. Engineering, design and precise manufacturing combine to ensure the cycle of screw loosening, screw fracture, abutment fracture and finally implant fracture...is a problem of the past.

**FlatTop™ and FlatOne®** prosthetic connections have a flat occlusal table that mates precisely with FlatOne® Casting Cylinders. This allows passive placement of a suprastructure, even in challenging cases when implants are extremely divergent. Ideal for screw retained bridges or bars, it provides accurate passive seating of the final restoration.

The “Dental Implant Restoration FLOWCHARTS” section is designed to facilitate ease of restorative product selection and final rehabilitation of **Gold & Blue™**, **InDex™**, **EnvisionOS™**, **IntraHex™** and **FlatTop™** Implant Systems.

Better ideas.™
<table>
<thead>
<tr>
<th>TYPE OF RETAINING SCREW OR ABUTMENT</th>
<th>TORQUE (Ncm)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Cover Screw</td>
<td>Manual*</td>
</tr>
<tr>
<td>Healing abutment</td>
<td>Manual*</td>
</tr>
<tr>
<td>FlatOne® Healing Abutment</td>
<td>Manual*</td>
</tr>
<tr>
<td>Temporary Abutment (Retaining Screw)</td>
<td>20 Ncm</td>
</tr>
<tr>
<td>Impression Post (Short Screw)</td>
<td>10 Ncm</td>
</tr>
<tr>
<td>Impression Post (Long Screw) (Transfer / Abutments)</td>
<td>Manual*</td>
</tr>
<tr>
<td>Flat One® Impression Screw</td>
<td>Manual*</td>
</tr>
<tr>
<td>Straight &amp; Angled Abutments (Retaining Screw or Clinical Retaining Screw)</td>
<td>30 Ncm</td>
</tr>
<tr>
<td>FlatOne® Abutment</td>
<td>35 Ncm</td>
</tr>
<tr>
<td>FlatOne® Supra Structure</td>
<td>20 Ncm</td>
</tr>
<tr>
<td>Cylinder Abutment (Retaining Screw or Clinical Retaining Screw)</td>
<td>35 Ncm</td>
</tr>
<tr>
<td>One Piece Abutment</td>
<td>35 Ncm</td>
</tr>
<tr>
<td>Locator® Abutment</td>
<td>30 Ncm</td>
</tr>
<tr>
<td>O-Ball Abutment</td>
<td>30 Ncm</td>
</tr>
</tbody>
</table>

*Only light finger force (5-10Ncm).
ONE-PIECE SOLID ABUTMENTS: WITH / WITHOUT GROOVE

Crown or Bridge

Implant Analogs with / without Groove

Impression Coping

Abutment without Groove

Abutment with Groove

Temporary Restoration: Abutment with Groove

Healing Abutment

Delayed Loading

Immediate Loading

InDex®

EnvisionOS™
Cylinder Abutments

Crown or Bridge

Hex Drivers 1.25mm

Indexed Cylinders

Non-Indexed Cylinders

Implant Analog

Impression Coping

Healing Abutment

Temporary Abutment

Delayed Loading

Immediate Loading

Gold&Blue™

InDex®

EnvisionOS™

IntraHex™
LOCATOR® ABUTMENTS

Locator® Abutments + Locator® Core Tool = Dentures

Implant Analog

Impression Coping

Healing Abutment

Gold&Blue™ | InDex® | EnvisionOS™ | IntraHex™
**FLATONE® STRAIGHT & ANGLED ABUTMENTS, IMMEDIATE LOADING**

**Titanium Cylinders** + **Hex Drivers 1.25mm** + **Full Arch Restoration**

**FlatOne® Abutment Analog** + **Plastic & Analog Cylinders**

**Hex Drivers 1.6mm**

**Abutment Cover Screw**

**Straight or Angled Abutment**

**Gold&Blue™**

**InDex®**

**EnvisionOS™**
**FLATONE® STRAIGHT & ANGLED ABUTMENTS, DELAY LOADING**

**Titanium Cylinders** + **Hex Drivers 1.25mm**

**FlatOne® Abutment Analog** + **Plastic & Analog Cylinders**

**Abutment Cover Screw** + **Hex Drivers 1.6mm** + **Abutment Transfers**

**Healing Abutment** + **Straight or Angled Abutment**

**Gold&Blue™** + **InDex®** + **EnvisionOS™**
FlatTop™ IMPLANTS
STRAIGHT & ANGLED

- Titanium Cylinders
- Hex Drivers 1.25mm
- Full Arch Restoration

- FlatOne® Abutment Analog
- Plastic & Analog Cylinders

- Straight Implant Cover Screw
- Angled Implant Cover Screw

- Straight Implant Transfer
- Angled Implant Transfer

- Straight Implant
- Angled Implant

- FlatTop™

- Straight Implant
- Angled Implant
**Conic Straight, 30° & 17° Angled Abutments**

- **Hex Drivers 1.25mm**
- **Full Arch Restoration**

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**Upper Structure Fabrication**

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**Straight & 30° Angled Abutments**

**17° Angled Abutments**

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**Straight & 30° Angled Conic Cover Screw**

**17° Angled Conic Cover Screw**

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**Straight & 30° Angled Abutments**

**17° Angled Abutments**

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**Gold&Blue™**

**InDex®**

**EnvisionOS™**

**IntraHex™**
Dental Implant Restoration
FLOWCHARTS

DIGITAL ABUTMENTS: INTRABASE™ FOR CEREC®

Crown or Bridge
Hex Drivers 1.25mm

Digital Impression (Scanning) ➔ Digital Design ➔ CEREC® Milling (Zimmer® STV EmulaHon)

Narrow & Standard: Zimmer ZTSV 3.5L
Wide: Zimmer ZTSV 4.5L

IntraBase™ Abutment

Bluecam Scanner ➔ Omnicam Scanner

Healing Abutment

Delayed Loading ➔ Immediate Loading

Gold&Blue™ ➔ InDex® ➔ EnvisionOS™ ➔ IntraHex™
**DIGITAL ABUTMENTS: CAD / CAM (TI-BASE)**

- **Cemented or Screw Retained Crown**
- **Hex Drivers 1.25mm**

**MILLING: Co-Cr - TITANIUM - CERAMIC**

- **Digital Impression (Scanning)**
- **Design: Crown or Sleeve & Crown**

- **CAD / CAM Abutment**
- **Healing Abutment**
- **Delayed Loading**
- **Immediate Loading**

**MILLING: Co-Cr - TITANIUM - CERAMIC**

- **CAD / CAM Abutment**

**DIGITAL ABUTMENTS: CAD / CAM (TI-BASE)**

- **Gold&Blue™**
- **InDex®**
- **EnvisionOS™**
- **IntraHex™**