Introducing...

Straumann® Bone Level Tapered Implant

Sep 2014
More than primary stability,
Integrative stability thanks to design, material and surface
Straumann® Bone Level Tapered Implant

- **Implants**
  - L8-16mm
  - Roxolid® SLActive®
    - Ø 3.3mm
    - Ø 4.1mm
    - Ø 4.8mm
  - Titanium® SLA®
    - Ø 3.3mm
    - Ø 4.1mm
    - Ø 4.8mm

- **Instruments**
  - Pilot & Twist Drills, Ø2.2, 2.8, 3.5, 4.2mm / S & L
  - Alignment Pin & Depth Gauges Ø2.2, 2.8 (2x), 3.5, 4.2mm
  - Profile Drills Ø3.3, 4.1, 4.8mm / S & L
  - Taps Ø3.3, 4.1, 4.8mm

Available during full market release

* Represents number of new articles in each category
Key features and benefits
Hybrid design: combined benefits of parallel wall and tapered design

- BLT tapers towards the apex
- Coronal portion of the BLT is parallel walled similar to the BL implant
- The benefits of BL implant apply to BLT implant
Key features and benefits
Combined benefits of tapered design + advanced material and surface

Bone Level features
- Bone Control Design™
- CrossFit® Connection
- Consistent Emergence Profile®

Hybrid design
- Tapered apex

Cutting notches
- 3 cutting notches
- Rounded tip

Material
- Roxolid®: titanium-zirconium alloy
- Titanium grade 4

Surface
- SLActive®
- SLA®

Available during full market release
Key features and benefits
Bone level features: Bone Control Design®

1. Respecting the biological distance
2. Optimal position of smooth and rough surface interface
3. Biomechanical implant design
4. Microgap control
5. Implant surface osseoconductivity

Optimize crestal bone preservation
Key features and benefits
Bone level features: CrossFit® Connection

4 grooves
Key features and benefits
Bone level features: Consistent Emergence Profiles®
**Key features and benefits**

**Tapered Apex**: apically tapered implant body

**Hybrid Design:**

- **Coronally tapered core** (fixed 4mm)
- **Straight body** (variable 1-7mm)
- **Tapered Apex** (fixed 5mm)

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![Image of implant designs](image-url)
Hybrid Design:
- Tapered (naturally)
- 0.8 mm thread pitch
- Full depth thread to the apex

→ Early engaging
→ Cutting notches for underprepared sites
Key features and benefits
Dimensions
Key features and benefits
Tapered Apex

- 3 cutting notches
- Rounded tip
  - Overcomes certain anatomical restrictions
Product overview
Straumann® Bone Level Tapered Implant and Instruments

Straumann® Bone Level Tapered Implant

- Implants L8-16mm
  - RXD SLActive
    - Ø 3.3mm
    - Ø 4.1mm
    - Ø 4.8mm
  - RXD SLA
    - Ø 3.3mm
    - Ø 4.1mm
    - Ø 4.8mm
  - Ti SLA
    - Ø 3.3mm
    - Ø 4.1mm
    - Ø 4.8mm

- Instruments
  - Pilot & Twist Drills, Ø2.2, 2.8, 3.5, 4.2mm / S & L
  - Alignment Pin & Depth Gauges Ø2.2, 2.8 (2x), 3.5, 4.2mm
  - Profile Drills Ø3.3, 4.1, 4.8mm / S & L
  - Taps Ø3.3, 4.1, 4.8mm
Every customer that starts to work with Straumann® Bone Level Tapered needs a complete set of BLT Instruments.

<table>
<thead>
<tr>
<th>BLT Instruments</th>
<th>New customer</th>
<th>Existing customer</th>
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</thead>
<tbody>
<tr>
<td>Pilot drill</td>
<td>New</td>
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<tr>
<td>Twist drill</td>
<td>New</td>
<td>New</td>
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<tr>
<td>Profile drill</td>
<td>New</td>
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<tr>
<td>Tap</td>
<td>New</td>
<td>New</td>
</tr>
<tr>
<td>Alignment pin and gauges</td>
<td>New</td>
<td>Replacing existing ones</td>
</tr>
</tbody>
</table>
Drills available in short and long
Depth marking 4-16mm
Color coding – 2 ring
Tapered tip
Straight flanks for drills
Adjusted design for taps
Drills and taps not compatible with straight SDIS implants!
Surgical procedure
BLT allows flexible surgical procedure subject to bone class

- Adjustable drill sequence according to anatomic situation (bone class)

Bone class:
- Type 1: Hard bone
- Type 2: Medium density
- Type 3: Soft bone
- Type 4: Very soft bone

Always use largest drill and profile for a hard cortical layer.
New surgical cassette

Alignment Pin:
Ø2.2mm

BLT Pilot Drills:
Ø2.2mm, S & L

BLT Twist Drills:
Ø2.8, 3.5, 4.2mm, S & L

BLT Tap:
Ø3.3, 4.1, 4.8mm

BLT Profile Drills:
Ø3.3, 4.1, 4.8mm, S & L

Depth Gauges:
Ø3.3, 4.1, 4.8mm