CSLP Quick Lock Screws. Preassembled expansionhead screw and locking screw for use with Cervical Spine Locking Plates (CSLP).
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The CSLP Quick Lock Cancellous Screw is compatible with Synthes CSLP plates (CSLP II, Small Stature, and Variable Angle) and integrates the locking screw into the expansion-head screw.

The CSLP Quick Lock screw eliminates the separate two-piece expansionhead bone screw and the additional 1.8 mm locking screw by combining the screws as a single preassembled piece.

Quick Lock screws reduce CSLP instrumentation time and save the additional steps of placing the locking screws.

**Features**
- Available in 12 mm, 14 mm, 16 mm, 18 mm, 20 mm lengths
- Like all CSLP screws, Quick Lock screws are color-coded by length
- Implants are made of titanium alloy*
- The CSLP Quick Lock screw set consists of:
  - Self-drilling and self-tapping screws
  - Cannulated self-retaining screwdriver
  - Locking driver
  - Module for screw storage

**CSLP plate and screw compatibility**

<table>
<thead>
<tr>
<th></th>
<th>CSLP II plates</th>
<th>CSLP Small Stature plates</th>
<th>CSLP Variable Angle plates</th>
</tr>
</thead>
<tbody>
<tr>
<td>Self-tapping screws</td>
<td>12 mm, 14 mm and 16 mm</td>
<td>12 mm and 14 mm only</td>
<td>12 mm–20 mm</td>
</tr>
<tr>
<td>Self-drilling screws</td>
<td>Not recommended for use</td>
<td>Not recommended for use</td>
<td>12 mm–20 mm</td>
</tr>
</tbody>
</table>

*Ti-6Al-7Nb alloy*
In 1958, the AO formulated four basic principles, which have become the guidelines for internal fixation. They are:

– Anatomic reduction
– Stable internal fixation
– Preservation of blood supply
– Early, active mobilization

The fundamental aims of fracture treatment in the limbs and fusion of the spine are the same. A specific goal in the spine is returning as much function as possible to the injured neural elements.

**AO Principles as Applied to the Spine**

**Anatomic alignment**
Restoration of normal spinal alignment to improve the biomechanics of the spine.

**Stable internal fixation**
Stabilization of the spinal segment to promote bony fusion.

**Preservation of blood supply**
Creation of an optimal environment for fusion.

**Early, active mobilization**
Minimized damage to the spinal vasculature, dura, and neural elements, which may contribute to pain reduction and improved function for the patient.

2. Ibid.
The Cervical Spine Locking Plate Quick Lock Screws are intended for anterior screw fixation to the cervical spine (C2–C7) for the following indications:

- Degenerative disc disease (DDD), defined as neck pain of discogenic origin with degeneration of the disc confirmed by history and radiographic studies.
- Spondylolisthesis
- Spinal stenosis
- Tumors (primary and metastatic)
- Failed previous fusions
- Pseudarthrosis
- Deformity (i.e., kyphosis, lordosis, and/or scoliosis)
## Required sets

<table>
<thead>
<tr>
<th>Code</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>01.610.102</td>
<td>CSLP Quick Lock Instrument and Titanium Implant Set</td>
</tr>
<tr>
<td>105.894</td>
<td>Titanium Cervical Spine Locking Plate Variable Angle Implant Set</td>
</tr>
<tr>
<td>or</td>
<td></td>
</tr>
<tr>
<td>105.895</td>
<td>Titanium Small Stature Cervical Spine Locking Plate Implant Set</td>
</tr>
<tr>
<td>or</td>
<td></td>
</tr>
<tr>
<td>105.896</td>
<td>Titanium Cervical Spine Locking Plate Implant Set</td>
</tr>
<tr>
<td>105.897</td>
<td>Cervical Spine Locking Plate Instrument Set</td>
</tr>
</tbody>
</table>
1
Insert the CSLP Quick Lock screw

Instrument

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>03.610.602</td>
<td>Self-Retaining Screwdriver, for CSLP Quick Lock Screws</td>
</tr>
</tbody>
</table>

Insert the appropriate length screw using the self-retaining screwdriver and advance until the screw lags to the bone.

2
Tighten the locking screw

Instrument

<table>
<thead>
<tr>
<th>Instrument</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>03.610.601</td>
<td>Locking Driver, for CSLP Quick Lock Screws</td>
</tr>
</tbody>
</table>

When the screw is appropriately lagged, engage the locking driver and tighten the locking screw.
Alternative technique

**Instruments**

<table>
<thead>
<tr>
<th>Item Code</th>
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</tr>
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<tbody>
<tr>
<td>03.610.601</td>
<td>Locking Driver, for CSLP Quick Lock Screws</td>
</tr>
<tr>
<td>03.610.602</td>
<td>Self-Retaining Screwdriver, for CSLP Quick Lock Screws</td>
</tr>
</tbody>
</table>

Insert the appropriate length screw using the self-retaining screwdriver and advance until the screw lags to the bone.

When the screw is appropriately lagged, place the locking driver through the barrel of the self-retaining screwdriver, and tighten the locking screw, using the self-retaining screwdriver as a countertorque sleeve.

Screw removal

**Instruments**

<table>
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<tr>
<th>Item Code</th>
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<tr>
<td>03.610.601</td>
<td>Locking Driver, for CSLP Quick Lock Screws</td>
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<tr>
<td>03.610.602</td>
<td>Self-Retaining Screwdriver, for CSLP Quick Lock Screws</td>
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To remove the quick lock screw, place the locking driver into the locking screw and turn the handle counterclockwise until it stops. The locking screw will not separate from the bone screw. When the locking screw is fully loosened, place the self-retaining screwdriver into the screw and turn the handle counterclockwise until the screw is extracted.
CSLP Quick Lock Instrument and Titanium Implant Set (01.610.102)

Module Case
60.610.100  Module Case, for Quick Lock Screws

Instruments
03.610.601  Locking Driver, for CSLP Quick Lock Screws, 2 ea.
03.610.602  Self-Retaining Screwdriver, for CSLP Quick Lock Screws, 2 ea.

Implants
4.0 mm Titanium Quick Lock Cancellous Screws, self-drilling
04.610.112  12 mm, 12 ea.
04.610.114  14 mm, 12 ea.
04.610.116  16 mm, 12 ea.
04.610.118  18 mm, 6 ea.
04.610.120  20 mm, 6 ea.

4.5 mm Titanium Quick Lock Cancellous Screws, self-drilling
04.610.212  12 mm, 12 ea.
04.610.214  14 mm, 12 ea.
04.610.216  16 mm, 12 ea.
04.610.218  18 mm, 6 ea.
04.610.220  20 mm, 6 ea.

For additional information, please refer to the package insert.
Implants continued

4.0 mm Titanium Quick Lock Cancellous Screws, self-tapping
- 04.610.512 12 mm, 12 ea.
- 04.610.514 14 mm, 12 ea.
- 04.610.516 16 mm, 12 ea.
- 04.610.518 18 mm, 6 ea.
- 04.610.520 20 mm, 6 ea.

4.5 mm Titanium Quick Lock Cancellous Screws, self-tapping
- 04.610.612 12 mm, 12 ea.
- 04.610.614 14 mm, 12 ea.
- 04.610.616 16 mm, 12 ea.
- 04.610.618 18 mm, 6 ea.
- 04.610.620 20 mm, 6 ea.

Required Sets
- 105.894 Titanium Cervical Spine Locking Plate Variable Angle Implant Set
- or
- 105.895 Titanium Small Stature Cervical Spine Locking Plate Implant Set
- or
- 105.896 Titanium Cervical Spine Locking Plate Implant Set
- 105.897 Cervical Spine Locking Plate Instrument Set

Also Available
- 01.610.101 CSLP Quick Lock Titanium Screw Set
  Contains same screws as 01.610.102 in Module Case
- 60.610.100 (without instruments)