The Optio-C System provides a zero-profile cervical fusion option with a variety of materials, footprints and geometries. Combined with the elegance of DiamondTip™ screws, it creates the best fit for patient anatomy without compromising strength or security.
Strength WITHOUT COMPROMISE

The Optio-C System is the industry’s first zero-profile, modular stand-alone cervical device that offers allograft and PEEK spacer options and delivers the strength, stability and fusion potential of a traditional anterior cervical discectomy and fusion (ACDF).

FUSE WITH CONFIDENCE

Versatility
- Interbody spacers available in PEEK-OPTIMA® and allograft
- Three footprints combined with a wide variety of screw options allow surgeons to configure the best construct for patient anatomy
- Variable screw trajectories ease implantation above or below adjacent-level constructs

Minimalism
- Zero-profile design reduces anterior hardware and may reduce the risk of dysphagia and dysphonia
- Integrated screw fixation eliminates the need for additional plating when addressing disease adjacent to an existing fusion
- Sleek, low-profile instrumentation minimizes exposure and simplifies the surgical procedure

Security
- DiamondTip screw technology allows screws to be placed without pilot holes, reducing surgical steps
- Corticocancellous screw thread is designed to enhance bone purchase
- Secure antimigration system provides tactile and visual confirmation
- Pre-assembled locking mechanism secures all screws simultaneously
Segmental Stability Study*: The images show the midline screw within the bone before and after cyclic loading (flexion/extension).

Conclusion: None of the screws evaluated showed signs of screw pullout or back-out, and there were no visual differences with regard to screw loosening.

Images show the pre- and post-cycling micro-CT images of specimen implanted with Optio-C allograft spacer.

THE OPTIO-C SYSTEM: SECURE FIXATION WITH NO PROFILE

*Data on file.
THE OPTIO-C SYSTEM: SECURE FIXATION WITH NO PROFILE

PEEK or Allograft* Spacer Options
- Three footprints to accommodate patient anatomy
- Allograft consists of cortical and cancellous bone

Proprietary Screw Performance
- DiamondTip screw technology reduces surgical steps because screw can be placed without pilot hole.\(^2\)
- Corticocancellous thread designed to enhance bone purchase

Optimize Load Sharing on Spacer
- Unique load-sharing interface designed to facilitate fusion
- Variable angle screws designed to prevent stress shielding

Confidence in Locking Mechanism
- Secure antimigration system provides tactile and visual confirmation
- Pre-assembled locking mechanism secures all screws simultaneously

Plate Strength Equivalent to a Traditional Cervical Plate\(^1\)

<table>
<thead>
<tr>
<th></th>
<th>Static Torsion</th>
<th>Static Compression Bending Yield Strength</th>
<th>Static Compression Bending Ultimate Strength</th>
</tr>
</thead>
<tbody>
<tr>
<td>Optio-C</td>
<td>100%</td>
<td>100%</td>
<td>100%</td>
</tr>
<tr>
<td>Competitor</td>
<td>96%</td>
<td>94%</td>
<td>68%</td>
</tr>
</tbody>
</table>
Innovative Distraction Pins
- Facilitate implantation with existing hardware
- Accommodate different plate widths and thicknesses

Minimally Invasive Procedure
- To minimize exposure, awls, drills and drivers are available in every configuration: straight, u-joint or flexible
- All drivers have a unique screw retention feature to accommodate various screw implantation angles

Low-profile Instrumentation
- Inserter guide enhances visibility for a midline implant placement
- Drill guides designed to allow for easy site access

Optio-C Implant Specifications

<table>
<thead>
<tr>
<th>Plate, PEEK Spacer and Allograft†</th>
<th>Screw</th>
<th>Plate</th>
</tr>
</thead>
<tbody>
<tr>
<td>FOOTPRINT (L × W)</td>
<td>LENGTH</td>
<td>DIAMETER</td>
</tr>
<tr>
<td>12mm × 14mm</td>
<td>12mm (green)</td>
<td>3.3mm</td>
</tr>
<tr>
<td>14mm × 16mm</td>
<td>14mm (magenta)</td>
<td>3.3mm</td>
</tr>
<tr>
<td>15mm × 18mm</td>
<td>16mm (gold)</td>
<td>3.3mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>HEIGHT (ANTERIOR)</th>
<th>HEIGHT</th>
</tr>
</thead>
<tbody>
<tr>
<td>6mm–12mm</td>
<td>6mm–12mm (1 mm increments)</td>
</tr>
</tbody>
</table>

† Structural allograft/autograft
References:
1. Data on File. Demonstrated by mechanical testing per ASTM F1717.