



OGMEND[®]

IMPLANT ENHANCEMENT SYSTEM

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Product Training: EU Spine



AGENDA

1

Managing Compromised
Fixation Scenarios

2

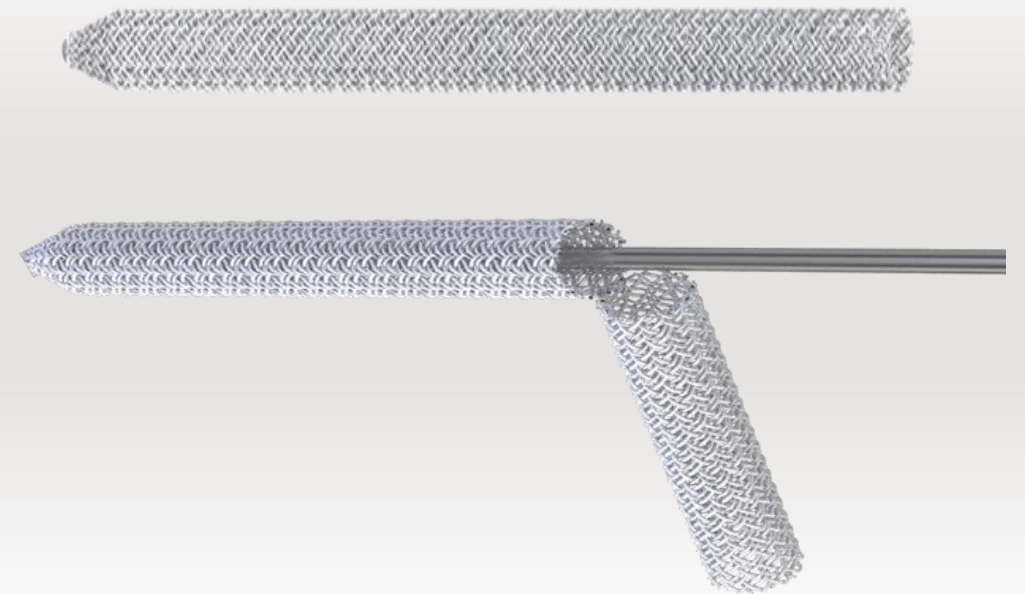
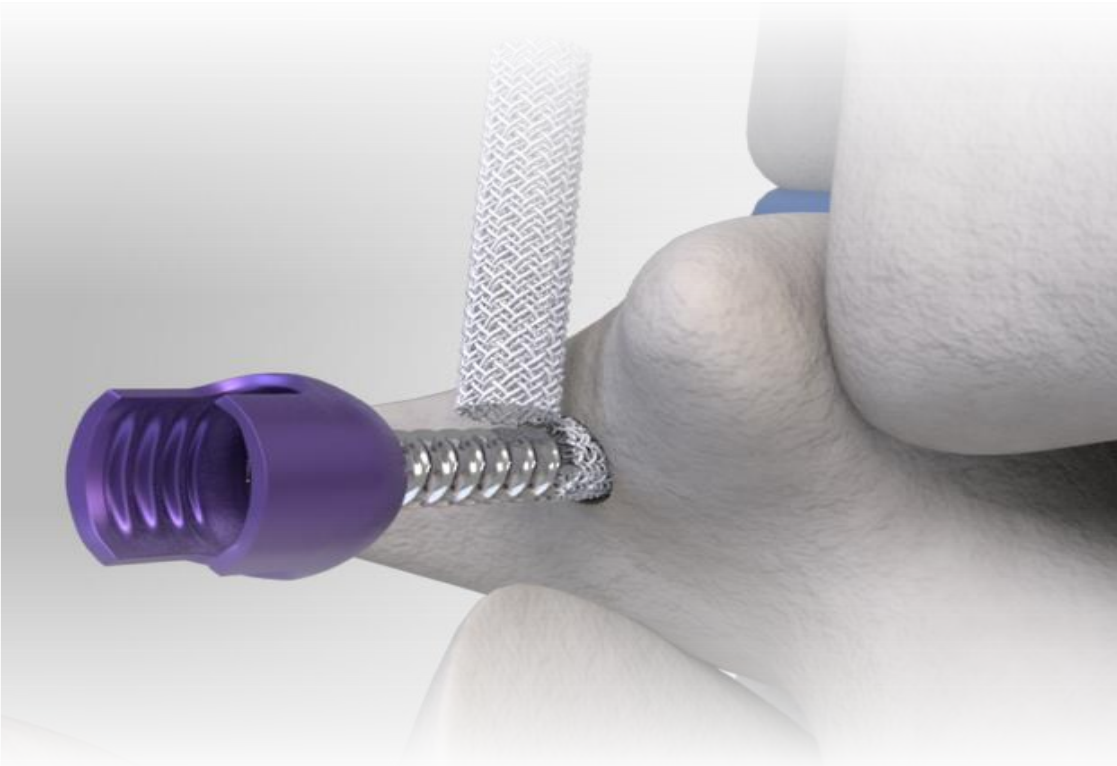
Intro to Ogmend®
Implant Enhancement System

3

How to Use Ogmend®
Implant Enhancement System

OGMEND® IMPLANT ENHANCEMENT SYSTEM

Overcome compromised fixation scenarios by enhancing the screw-to-bone interface



COMPROMISED FIXATION SCENARIOS: FACTORS & TIMING

Influencing Factors

Patient Pathology

Osteoporosis, cancer, vitamin D deficiency, medications (PPIs, Steroids, etc.), Parkinson's, etc.

Injury Characteristics

Anatomical location, severity, type (degen, trauma, deformity, etc.)

Provider Resources

Systems & tools available, surgical team experience/familiarity, specialty/training, etc.

Timing

Intra-Op

- Bone can't hold screw
- High Torque can't hold screw
- Stripped screw



Post-Op <12 months

- Loosening or hardware breakage
- Pseudoarthrosis
- Bone/construct collapse



Post-Op >12 months

- Pain from back-out/pull-out
- Subsequent trauma
- Extension/secondary procedure



CURRENT TECHNIQUES TO ENHANCE FIXATION



Larger Diameter Screws



Expand/Adjust Implants



High Implant Density

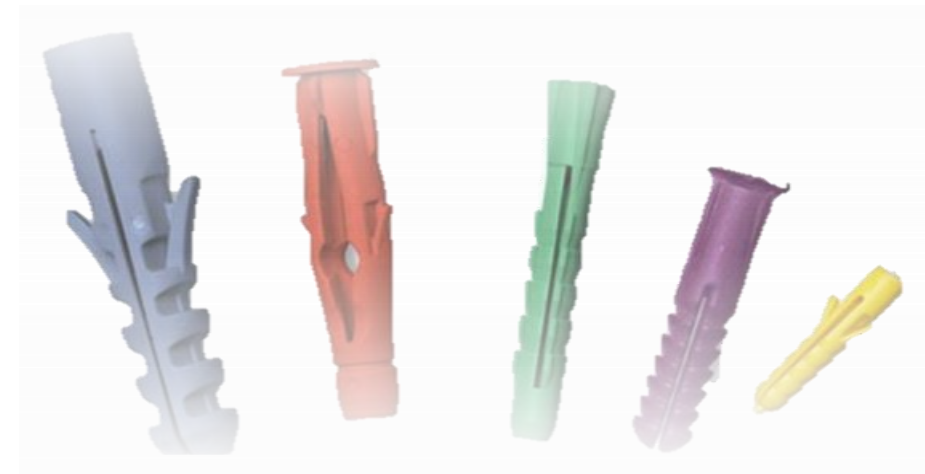


Biologics



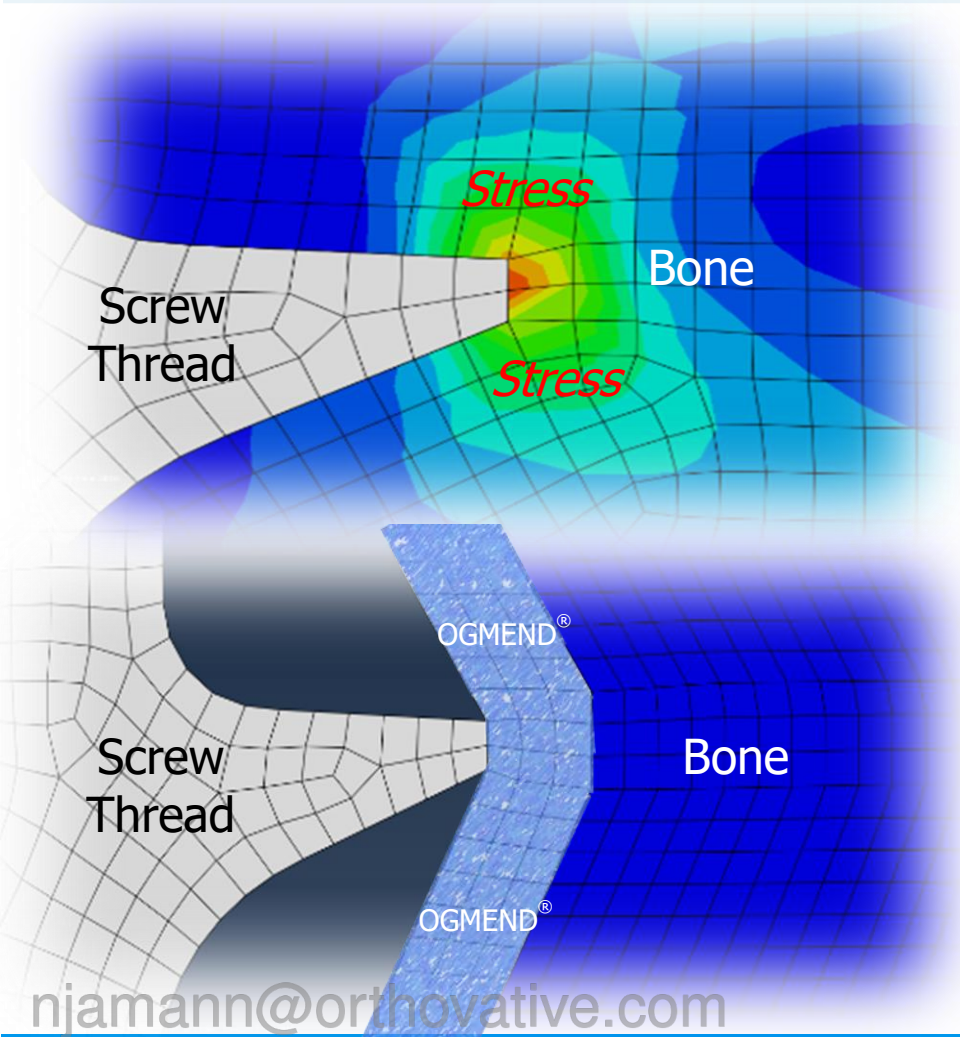
Chemical Polymers

OGMEND® IMPLANT ENHANCEMENT SYSTEM



A wall anchor for human bone

HOW IT WORKS (CONT.)



PUBLICATIONS



HOW IT'S USED

Cut to Size



Place in Bone



Insert Screw



➤ 3 Main steps to Implant:

1. Cut to Size
2. Insert in Bone
3. Insert Screw

➤ Used in conjunction with existing fixation systems

➤ Interdigitates with bone environment as screw is inserted

KEY ADVANTAGES



- Address the challenge (screw-to-bone interface)
- Used in a wide variety of procedures
- Each size accommodates a range of screw diameters
 - Minimal SKUs = easy stocking/use
- No capital equipment, kits, sets, or trays
 - No logistics/sterilization at hospital
- Implanted in < 2 min

PACKAGING



Shipper Box



Display Box










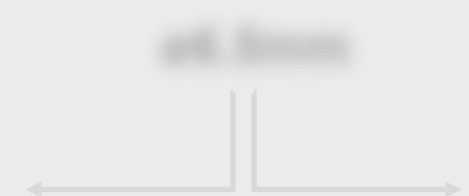

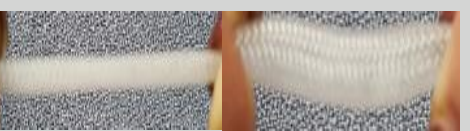
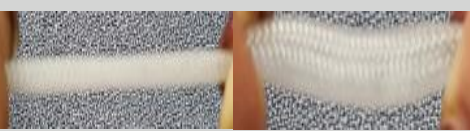

Outer Pouch



Inner Pouch

Sterile

SIZES

	Small	Medium	*Large*	Extra Large
Screw Diameter Range (mm)		<p>ø3.5mm - ø6.5mm</p> 	<p>ø7.0mm - ø10.5mm</p> 	
Diameter "At-Rest"		<p>ø6.5mm</p> 	<p>ø8.5mm</p> 	
Conformance to Screw ø				

*Large size anticipated release in 2022

INDICATIONS FOR USE



*Intended For Use With Spinal Fixation Devices
Where The Screw Has Lost Purchase Due To
Screw Loosening, Back Out, Or Breakage*

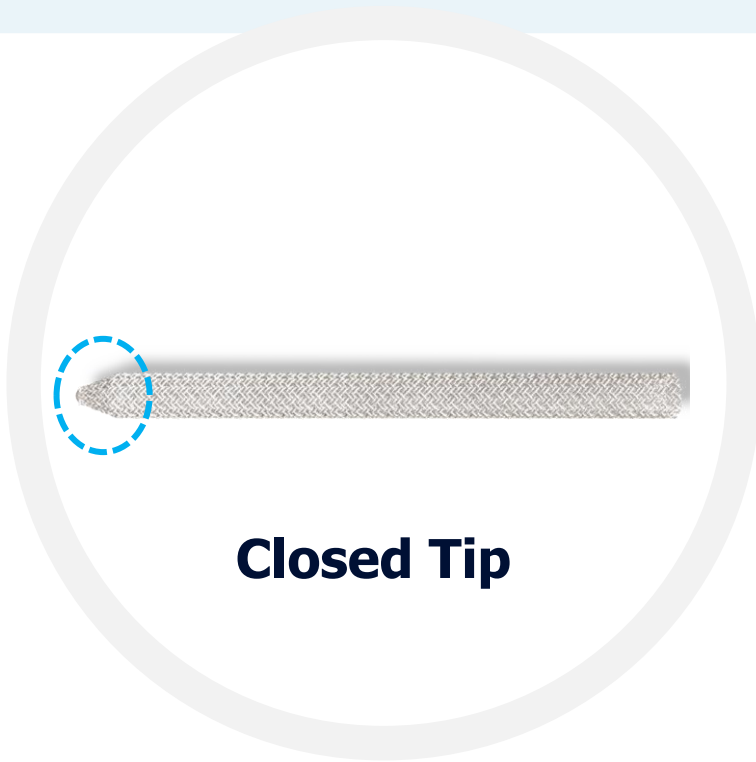
*A complete listing of all details for use
are included in the Instructions for Use (IFU)*

SYSTEM COMPONENTS



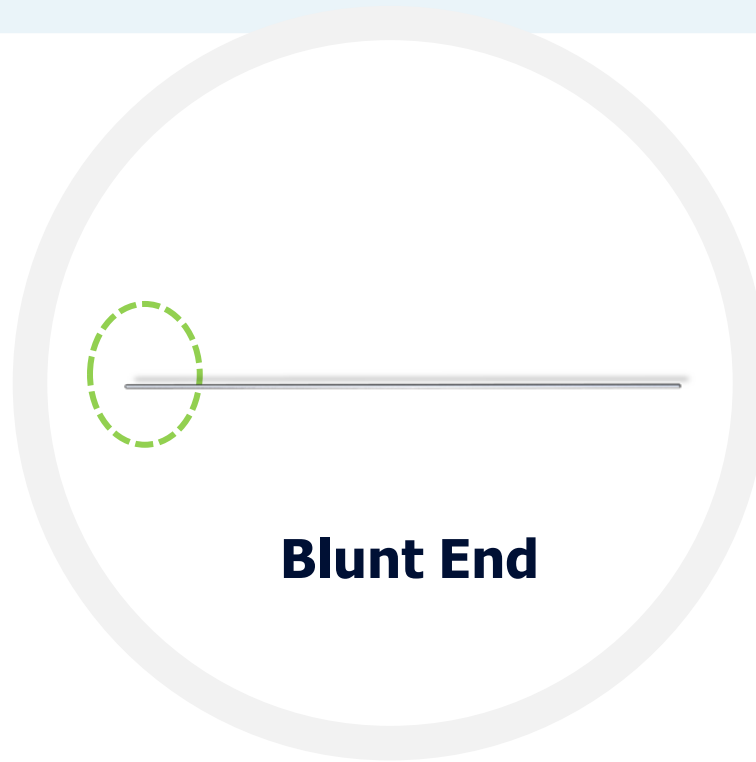
1. Ogmend® Implant
2. Inserter

IMPORTANT CHARACTERISTICS



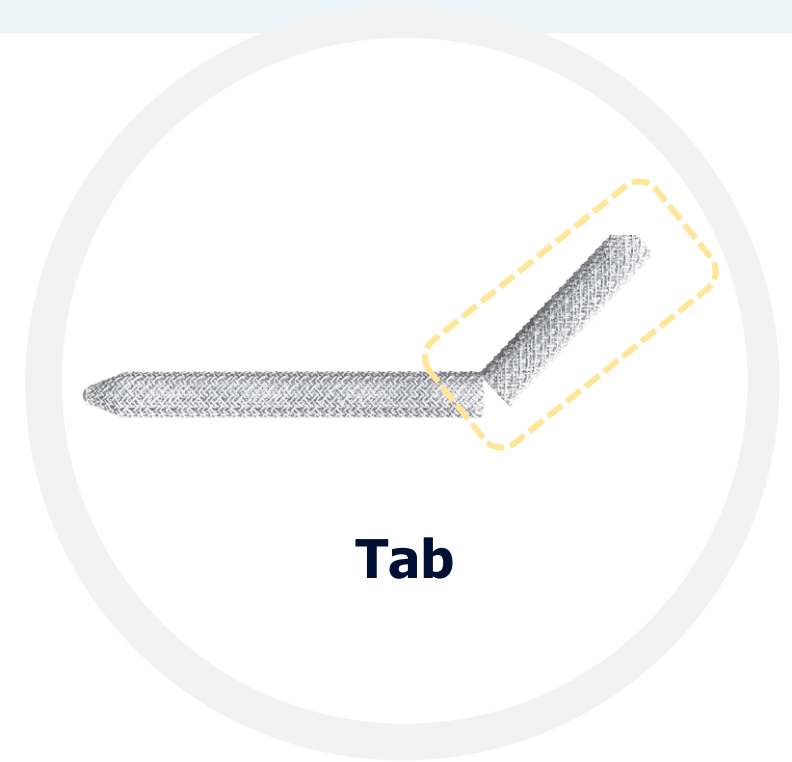
Closed Tip

Enables implant to be inserted to the bottom of the bone hole



Blunt End

Inserts implant into the bone hole without perforating the closed tip



Tab

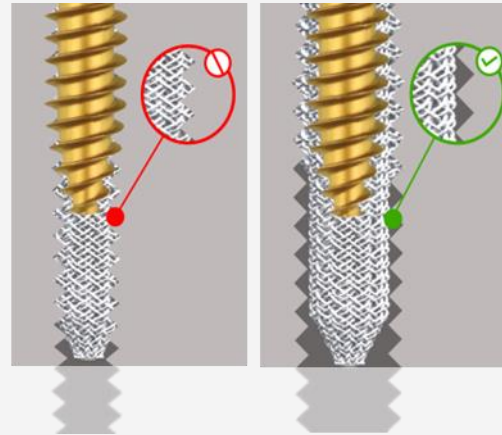
Apply tension and counter-torque to guide screw insertion

Obtain tactile feedback to identify problems

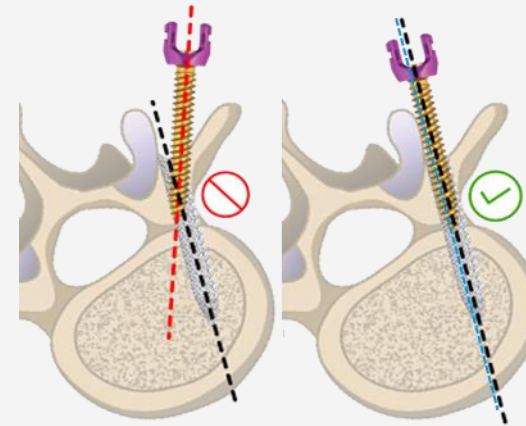
KEY CONSIDERATIONS



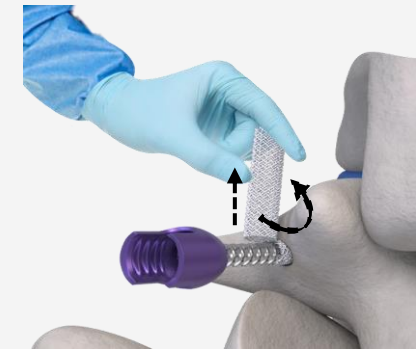
Use very sharp instruments to cut the tab easily



*Ogmend® will expand
Ensure hole is fully tapped to length & diameter of screw*



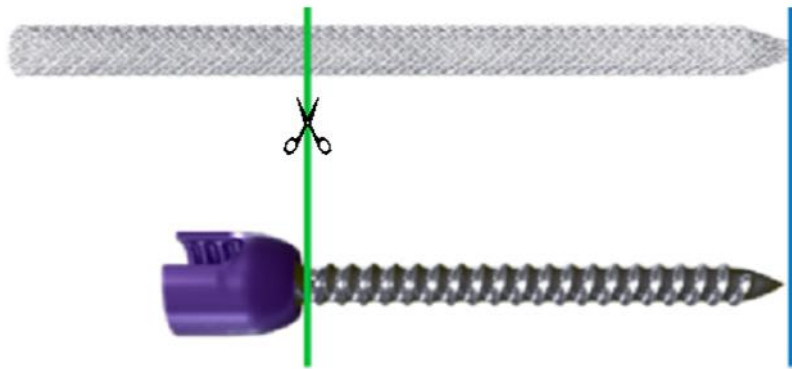
Insert screw down center to avoid contact with sides



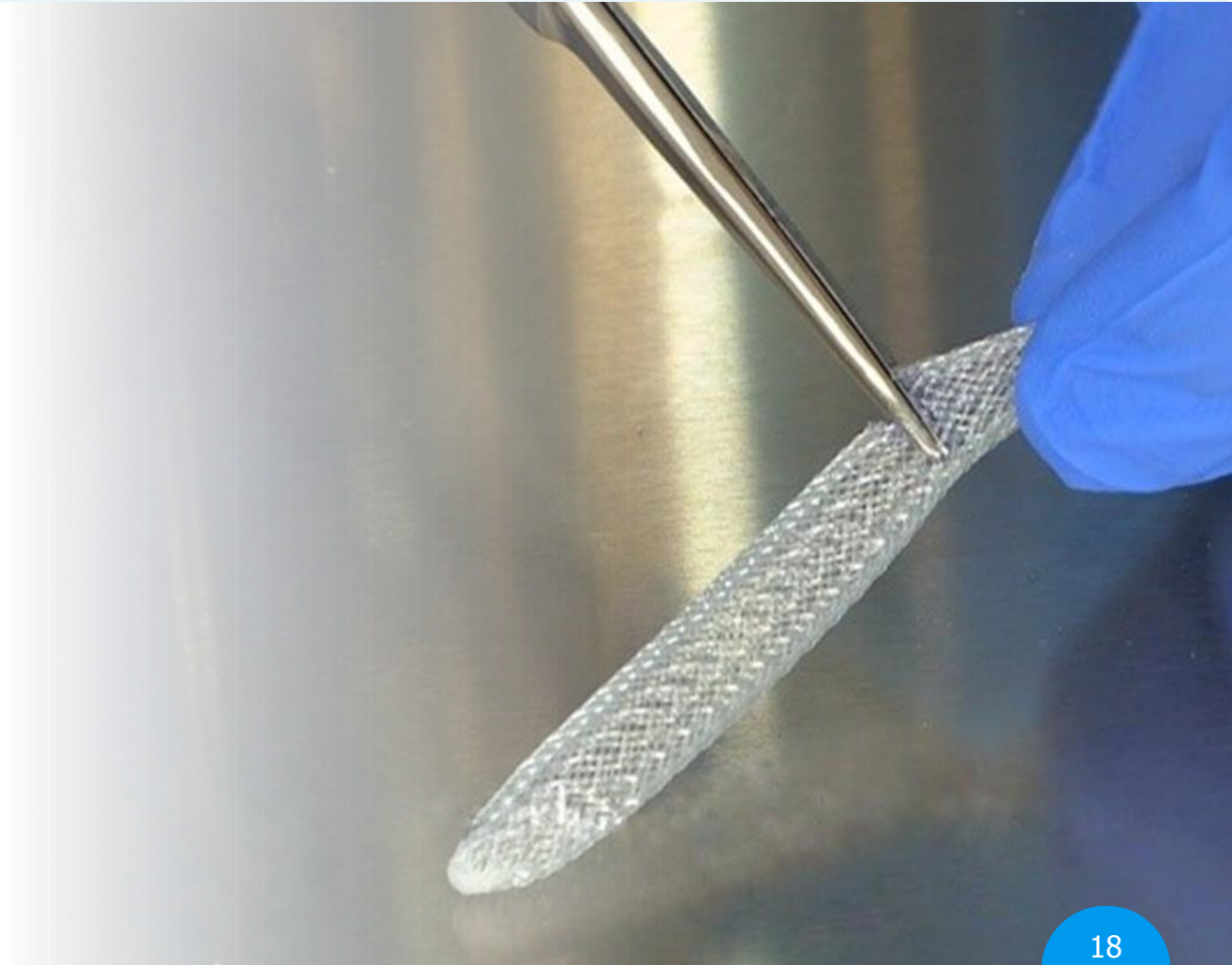
Apply tension & counter-torque to guide screw entry

SURGICAL TECHNIQUE: CUT TO SIZE

Use straight scissors to partially cut Ogmend® to the length of the screw



Leave a few fibers attached to create a "tab"



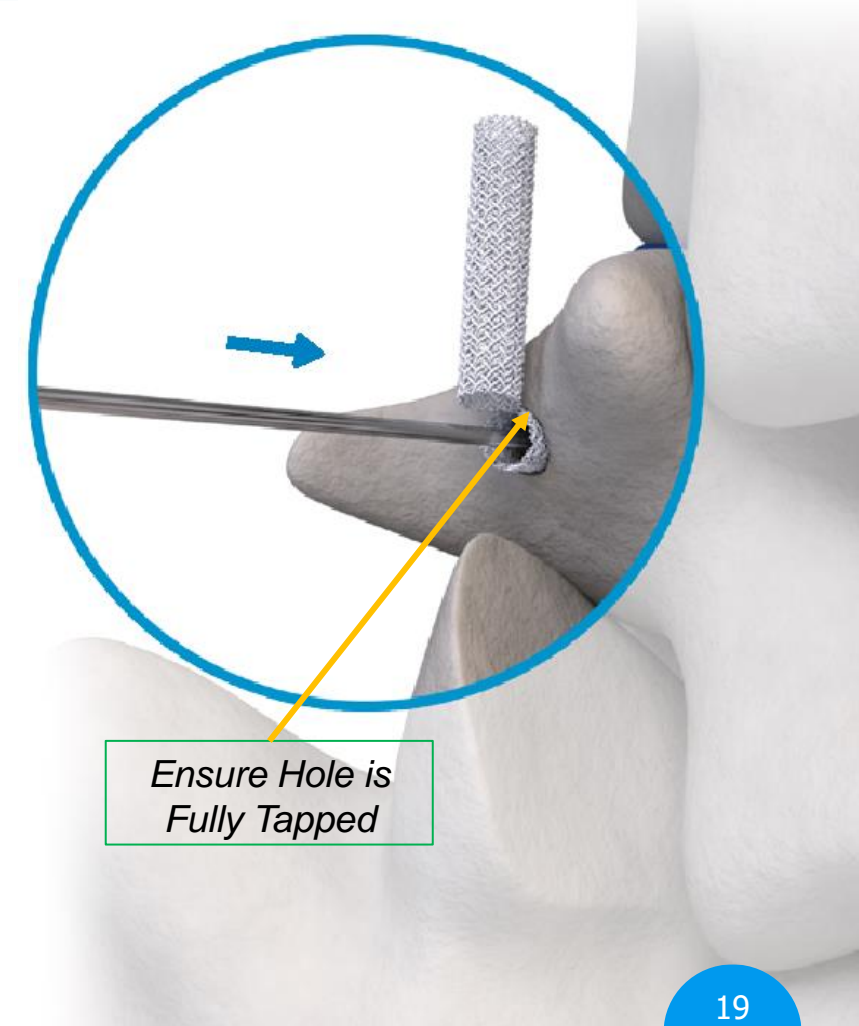
SURGICAL TECHNIQUE: INSERT OGMEND®

Place inserter into Ogmend®
(bypass tab created in previous step)



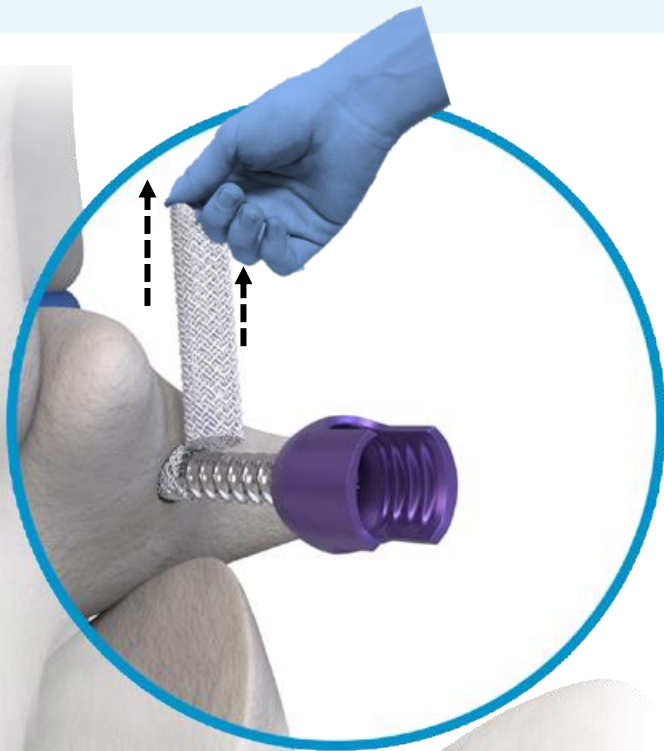
Place Ogmend® into the pedicle hole so that the portion showing is level or slightly above the pedicle hole

Use tab to help insertion



Ensure Hole is Fully Tapped

SURGICAL TECHNIQUE: PARTIALLY PLACE SCREW



Apply tension to tab and insert screw into Ogmend® until screw is 80% embedded within the pedicle hole

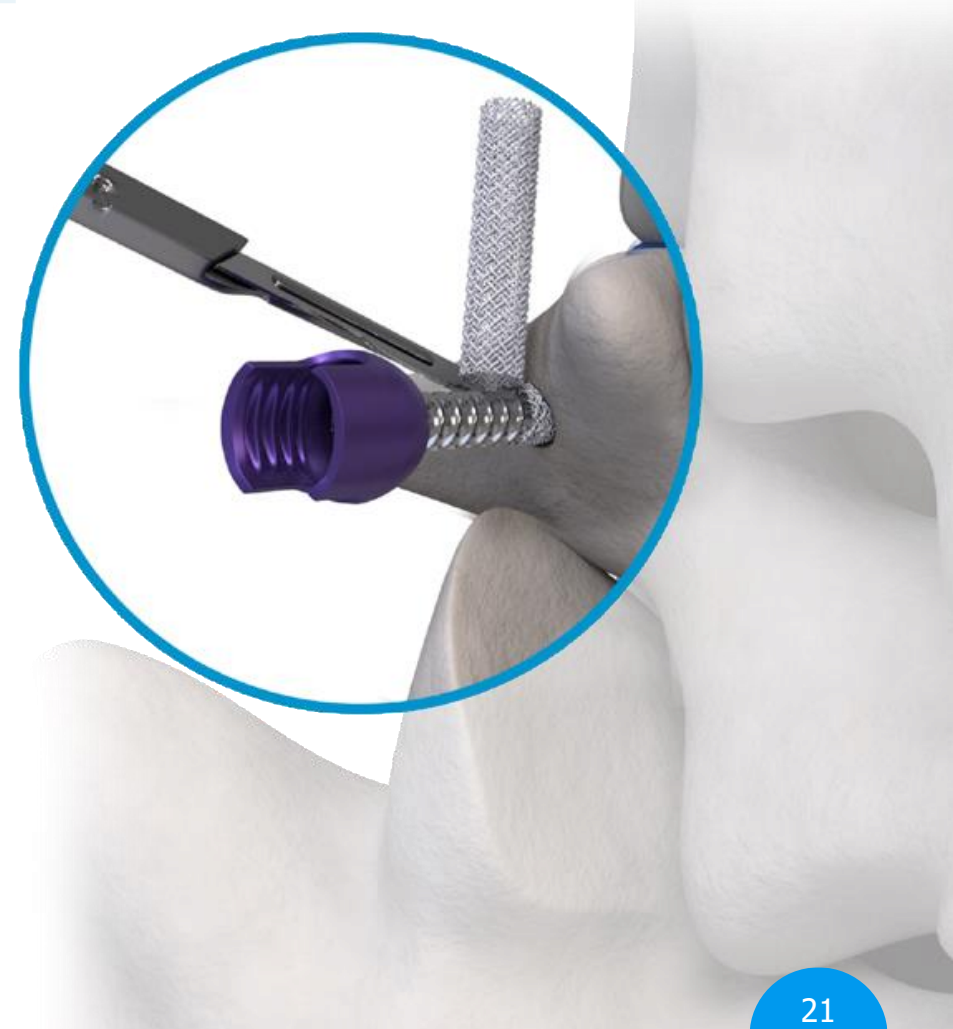
Use the tab to obtain tactile feedback and guide insertion

SURGICAL TECHNIQUE: REMOVE TAB

Use scalpel to cut the remaining fibers and remove tab

Discard the tab after removal

Ensure screw isn't damaged while cutting the tab

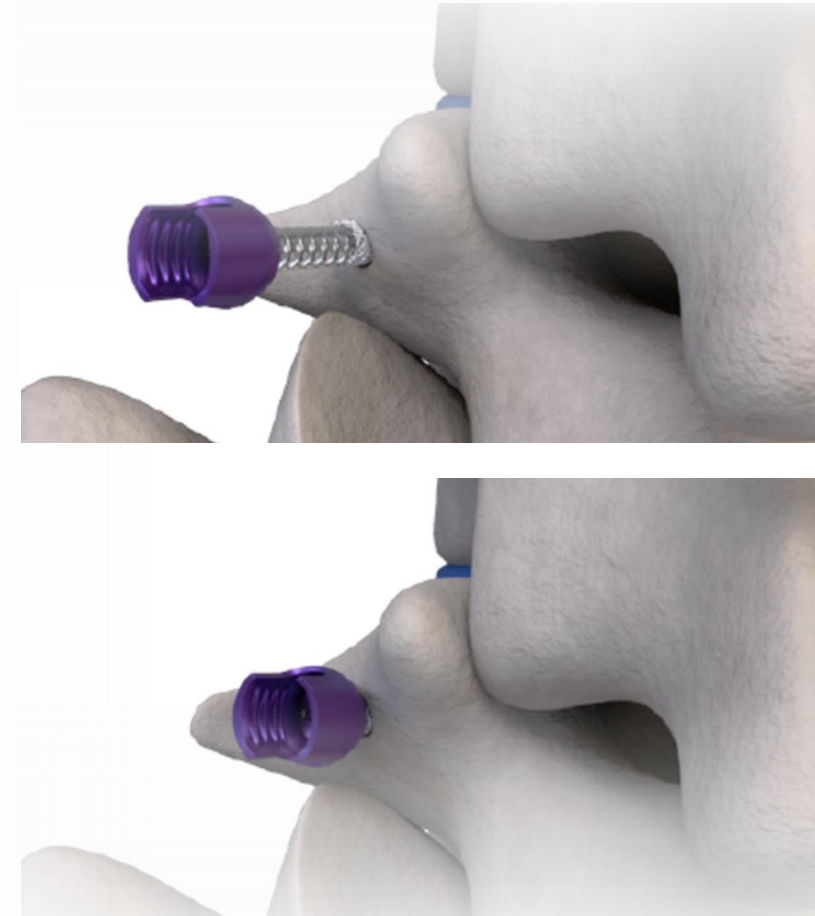


SURGICAL TECHNIQUE: COMPLETE SCREW PLACEMENT

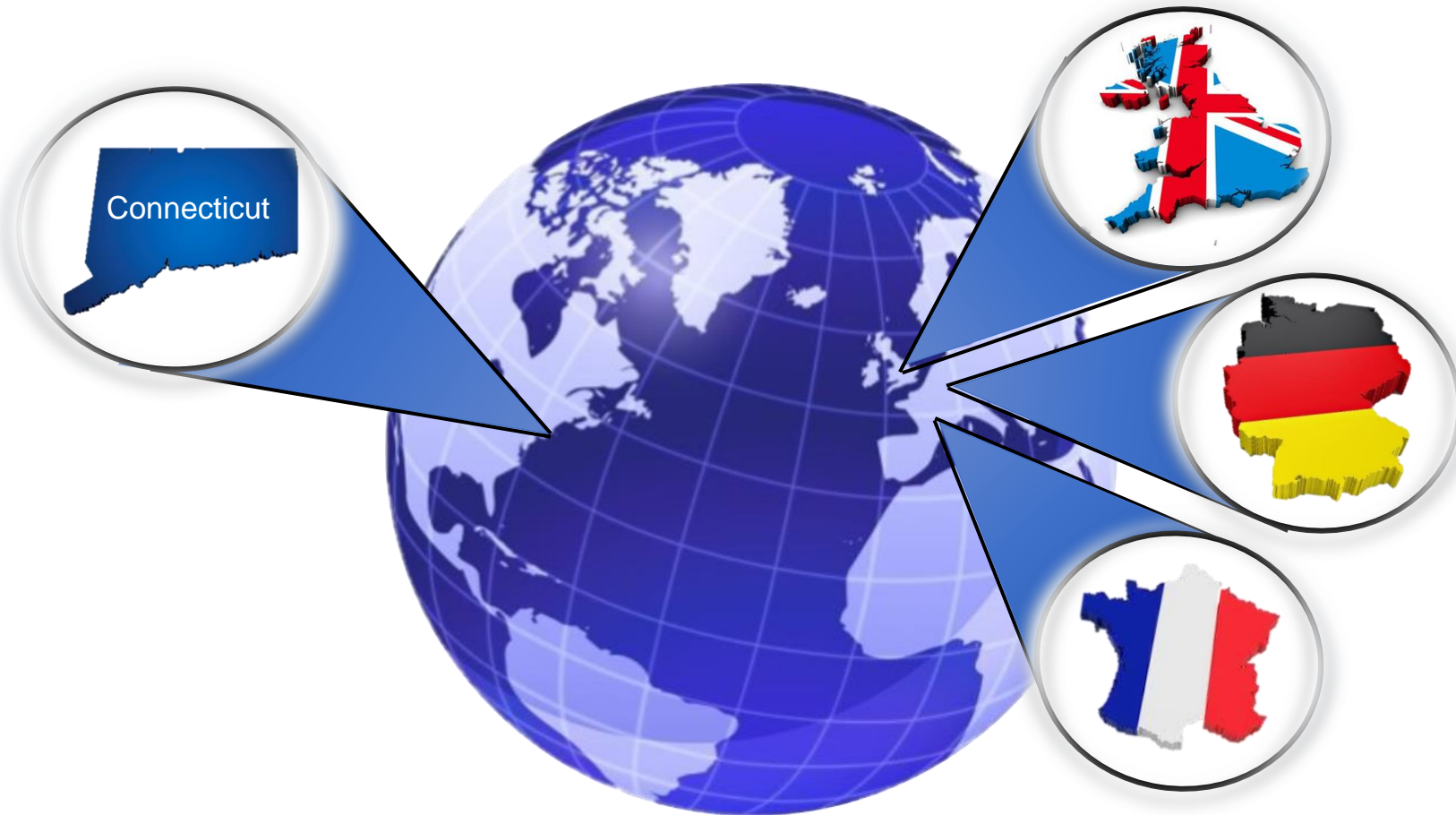
Drive the screw into its final position

Ensure Ogmend® does not impede or obstruct the screw tulip

Repeat steps for additional screws



SUPPORT



- Teams in EU and US to provide support at any time
- Email us at sales@wovenorthopedics.com



QUESTIONS?



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OGMEND® Implant
Enhancement
System

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