

Life moves us 



SURGICAL TECHNIQUE



TransContinental[®]

Lateral Lumbar Interbody Fusion (LLIF) Device



Life moves us ➤

At Globus, we move with a sense of urgency to deliver innovations that improve the quality of life for patients with spinal disorders. We are inspired by the needs of these patients and also the needs of the surgeons and health care providers who treat them.

This passion combined with Globus' world class engineering transforms clinical insights into tangible spine care solutions. We are driven to provide the highest quality products to improve

the techniques and outcomes of spine surgery so patients can resume their lives as quickly as possible. We extend our reach beyond our world class implants, instrumentation, and service by partnering with researchers and educators to advance the science and knowledge of spine care.

The energy and enthusiasm each of us bring everyday to Globus is palpable. We are constantly in the pursuit of better patient care and understand that speed is critical because life cannot wait.

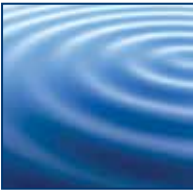


GLOBUS
MEDICAL

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TransContinental[®]

Lateral Lumbar Interbody Fusion (LLIF) Device



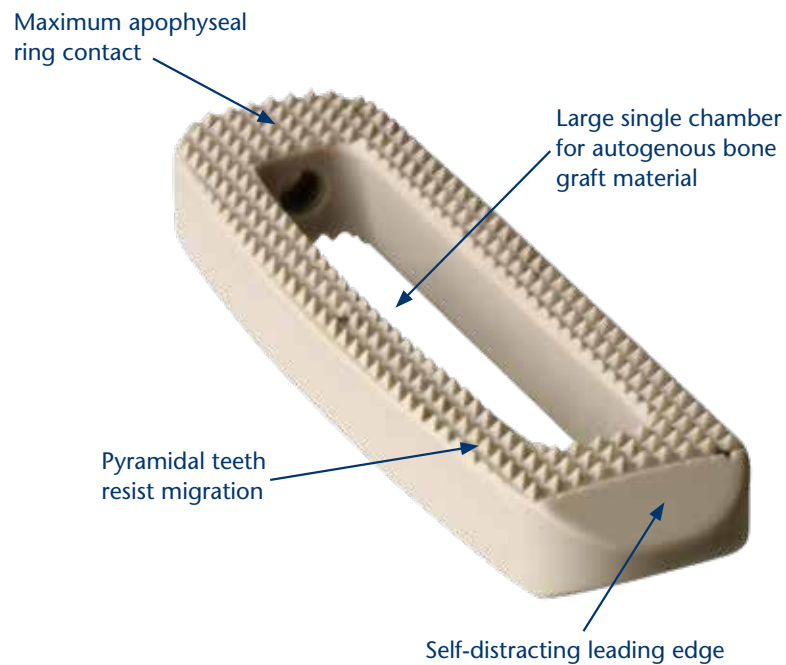
TransContinental[®] is a lateral lumbar interbody fusion device made from PEEK radiolucent polymer, and is also available with titanium plasma spray (TPS) coating. The implants are available in a wide range of footprints to fit individual patient anatomies. The self-distracting leading edge eases insertion, and a comprehensive array of disc preparation instruments are available.

The large single graft window helps to maximize fusion. A large surface area of pyramidal teeth aid in maximum engagement of the vertebral endplates.



TransContinental[®]

LATERAL LUMBAR INTERBODY FUSION (LLIF) DEVICE



■ Wide Range of Implant Options

Accommodates varied patient anatomy for optimal fit.

■ Large Single Graft Chamber

Enables a large fusion mass to help promote stability.

■ Self-Distracting Leading Edge

Facilitates ease of insertion.

CONTENTS

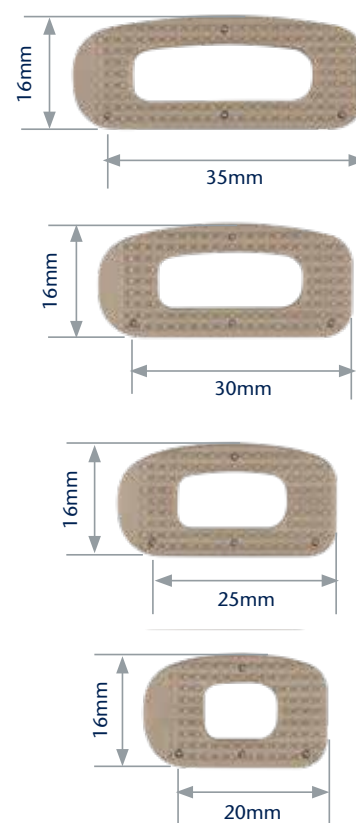
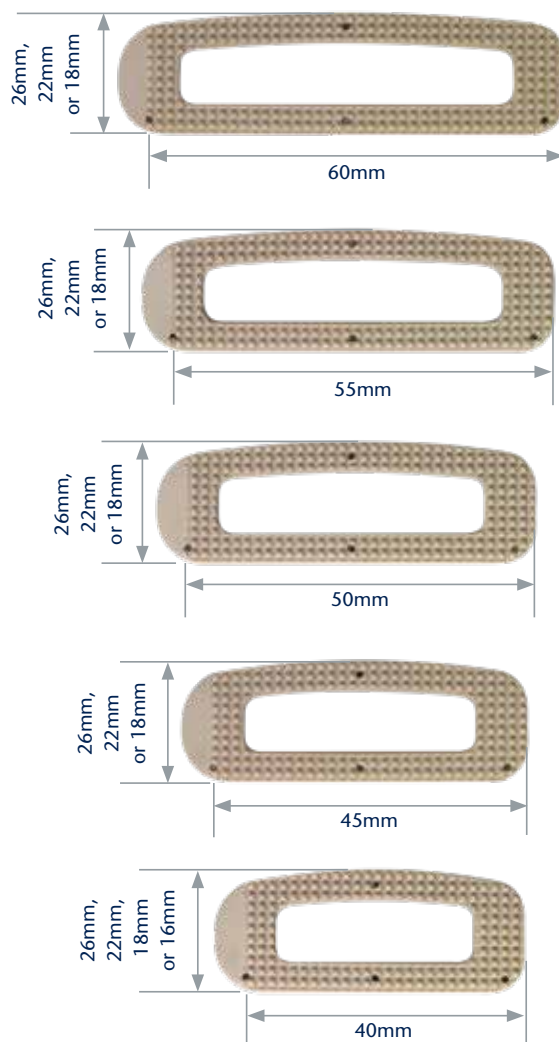
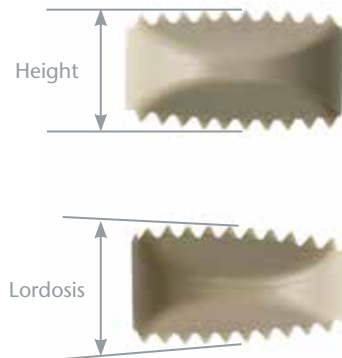
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The Surgical Technique shown is for illustrative purposes only. The technique(s) actually employed in each case always depends on the medical judgment of the surgeon exercised before and during surgery as to the best mode of treatment for each patient. Additionally, as instruments may occasionally be updated, the instruments depicted in this Surgical Technique may not be exactly the same as the instruments currently available. Please consult with your sales representative or contact Globus directly for more information.

IMPLANT OVERVIEW

TransContinental® Spacers

- 9 lengths (20-60mm)
- 6 heights (7-17mm)
- 4 widths (16, 18, 22 and 26mm)
- 3 sagittal profiles (parallel, 6°, 10°)
- 1 coronal profile (4°)



INSTRUMENT OVERVIEW

Disc Prep Instruments



Bayonnetted Annulotomy Knife 675.405S



Penfield, Bayonnetted, Pull 675.173



Penfield #4, Pull, 190mm 675.174



Cobb Elevator, Straight, 20mm 675.503



Cobb Elevator, Straight, 10mm 675.504



Thin Rasp, 12x20mm 675.510

Disc Prep Instruments (cont'd)



Cobb, 10mm, 7° Up-Angle 675.515



Cobb, 20mm, 7° Up-Angle 675.516



Ring Curette, 10mm Straight 675.518



Ring Curette, 10mm 7°, Up-Angle 675.519



Double Rasp 675.520



Cup Curette, 6.5x9.5mm, Straight 675.525



Cup Curette, 6.5x9.5mm, 15°, Up-Angle 675.526



Cup Curette, 6.5x9.5mm, 90°, Down-Angle 675.527

Disc Prep Instruments (cont'd)



Kerrison, 4mm 625.202

Kerrison, 6mm 625.203

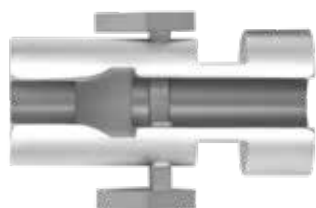


Disc Rongeur, 4mm 625.305

Disc Rongeur, 6mm 625.307



Quick-Connect Guide 675.201



Quick-Connect Guide 675.201

Items highlighted in gray are additionally available.

Handles



T-Handle 675.005



L-Handle 679.010

Scrapers

	Height	Part Number
	5mm	675.605
	7mm	675.607
	9mm	675.609
	11mm	675.611
	13mm	675.613
	15mm	675.615
	17mm	675.617

Paddle Distractors

	Height	Part Number
	5mm	675.855
	7mm	675.857
	9mm	675.859
	11mm	675.861
	13mm	675.863

Disc Box Cutters



	Height	Part Number
	5mm	675.533
	7mm	675.534
	9mm	675.535

Trials



Trial, Parallel



Trial, Lordotic

TransContinental® Trials		
Width	Part Number	Description
16mm	675.059	TransContinental® 16mm Trial, Parallel, 5mm
	675.060	TransContinental® 16mm Trial, Parallel, 7mm
	675.061	TransContinental® 16mm Trial, Parallel, 9mm
	675.062	TransContinental® 16mm Trial, Parallel, 11mm
	675.063	TransContinental® 16mm Trial, Parallel, 13mm
18mm	675.006	TransContinental® Trial, Parallel, 5mm
	675.007	TransContinental® Trial, Parallel, 7mm
	675.009	TransContinental® Trial, Parallel, 9mm
	675.011	TransContinental® Trial, Parallel, 11mm
	675.013	TransContinental® Trial, Parallel, 13mm
	675.015	TransContinental® Trial, Parallel, 15mm
	675.017	TransContinental® Trial, Parallel, 17mm
	675.065	TransContinental® 18mm Trial, 10° Lordotic, 5mm
	675.067	TransContinental® 18mm Trial, 10° Lordotic, 7mm
	675.069	TransContinental® 18mm Trial, 10° Lordotic, 9mm
	675.071	TransContinental® 18mm Trial, 10° Lordotic, 11mm
	675.073	TransContinental® 18mm Trial, 10° Lordotic, 13mm
	675.075	TransContinental® 18mm Trial, 10° Lordotic, 15mm
	675.077	TransContinental® 18mm Trial, 10° Lordotic, 17mm
	675.106	TransContinental® Trial, 6° Lordotic, 5mm
	675.107	TransContinental® Trial, 6° Lordotic, 7mm
	675.109	TransContinental® Trial, 6° Lordotic, 9mm
	675.111	TransContinental® Trial, 6° Lordotic, 11mm
	675.113	TransContinental® Trial, 6° Lordotic, 13mm
	675.115	TransContinental® Trial, 6° Lordotic, 15mm
	675.117	TransContinental® Trial, 6° Lordotic, 17mm

Trials (cont'd)

TransContinental® Trials		
Width	Part Number	Description
22mm	675.043	TransContinental® 22mm Trial, Parallel, 5mm
	675.045	TransContinental® 22mm Trial, Parallel, 7mm
	675.049	TransContinental® 22mm Trial, Parallel, 9mm
	675.051	TransContinental® 22mm Trial, Parallel, 11mm
	675.053	TransContinental® 22mm Trial, Parallel, 13mm
	675.055	TransContinental® 22mm Trial, Parallel, 15mm
	675.057	TransContinental® 22mm Trial, Parallel, 17mm
	675.443	TransContinental® 22mm Trial, 6° Lordotic, 5mm
	675.445	TransContinental® 22mm Trial, 6° Lordotic, 7mm
	675.449	TransContinental® 22mm Trial, 6° Lordotic, 9mm
	675.451	TransContinental® 22mm Trial, 6° Lordotic, 11mm
	675.453	TransContinental® 22mm Trial, 6° Lordotic, 13mm
	675.455	TransContinental® 22mm Trial, 6° Lordotic, 15mm
	675.457	TransContinental® 22mm Trial, 6° Lordotic, 17mm
	675.365	TransContinental® 22mm Trial, 10° Lordotic, 5mm
	675.367	TransContinental® 22mm Trial, 10° Lordotic, 7mm
	675.369	TransContinental® 22mm Trial, 10° Lordotic, 9mm
	675.371	TransContinental® 22mm Trial, 10° Lordotic, 11mm
	675.373	TransContinental® 22mm Trial, 10° Lordotic, 13mm
	675.375	TransContinental® 22mm Trial, 10° Lordotic, 15mm
	675.377	TransContinental® 22mm Trial, 10° Lordotic, 17mm
26mm	675.351	26mm Trial, Parallel, 5mm
	675.352	26mm Trial, Parallel, 7mm
	675.353	26mm Trial, Parallel, 9mm
	675.354	26mm Trial, Parallel, 11mm
	675.355	26mm Trial, Parallel, 13mm
	675.356	26mm Trial, Parallel, 15mm
	675.357	26mm Trial, Parallel, 17mm
	675.359	26mm Trial, 6° Lordotic, 7mm
	675.360	26mm Trial, 10° Lordotic, 9mm
	675.361	26mm Trial, 10° Lordotic, 11mm
	675.362	26mm Trial, 10° Lordotic, 13mm
	675.363	26mm Trial, 10° Lordotic, 15mm
	675.364	26mm Trial, 10° Lordotic, 17mm

Trials (cont'd)



Trial, Parallel



Trial, Lordotic

TransContinental® Coronal Tapered Trials		
		
Direction	Part Number	Description
Trial Leading	675.027	Trial Leading - 4° Coronal x Parallel, 7mm
	675.029	Trial Leading - 4° Coronal x Parallel, 9mm
	675.031	Trial Leading - 4° Coronal x Parallel, 11mm
	675.033	Trial Leading - 4° Coronal x Parallel, 13mm
	675.035	Trial Leading - 4° Coronal x Parallel, 15mm
	675.037	Trial Leading - 4° Coronal x Parallel, 17mm
	675.427	Trial Leading - 4° Coronal x 10° Lordotic, 7mm
	675.429	Trial Leading - 4° Coronal x 10° Lordotic, 9mm
	675.431	Trial Leading - 4° Coronal x 10° Lordotic, 11mm
	675.433	Trial Leading - 4° Coronal x 10° Lordotic, 13mm
	675.435	Trial Leading - 4° Coronal x 10° Lordotic, 15mm
	675.437	Trial Leading - 4° Coronal x 10° Lordotic, 17mm
		
Trial Trailing	675.227	Trial Trailing - 4° Coronal x Parallel, 7mm
	675.229	Trial Trailing - 4° Coronal x Parallel, 9mm
	675.231	Trial Trailing - 4° Coronal x Parallel, 11mm
	675.233	Trial Trailing - 4° Coronal x Parallel, 13mm
	675.235	Trial Trailing - 4° Coronal x Parallel, 15mm
	675.237	Trial Trailing - 4° Coronal x Parallel, 17mm
	675.827	Trial Trailing - 4° Coronal x 10° Lordotic, 7mm
	675.829	Trial Trailing - 4° Coronal x 10° Lordotic, 9mm
	675.831	Trial Trailing - 4° Coronal x 10° Lordotic, 11mm
	675.833	Trial Trailing - 4° Coronal x 10° Lordotic, 13mm
	675.835	Trial Trailing - 4° Coronal x 10° Lordotic, 15mm
	675.837	Trial Trailing - 4° Coronal x 10° Lordotic, 17mm

Trials (cont'd)

TransContinental® Angled Trials		
Width	Part Number	Description
18mm	675.083	18mm Trial, Angled, Right 6° Lordotic, 5mm
	675.085	18mm Trial, Angled, Right 6° Lordotic, 7mm
	675.087	18mm Trial, Angled, Right 6° Lordotic, 9mm
	675.089	18mm Trial, Angled, Right 6° Lordotic, 11mm
	675.091	18mm Trial, Angled, Right 6° Lordotic, 13mm
	675.273	18mm Trial, Angled, Parallel, 5mm
	675.275	18mm Trial, Angled, Parallel, 7mm
	675.277	18mm Trial, Angled, Parallel, 9mm
	675.279	18mm Trial, Angled, Parallel, 11mm
	675.281	18mm Trial, Angled, Parallel, 13mm
22mm	675.473	22mm Trial, Angled, Parallel, 5mm
	675.475	22mm Trial, Angled, Parallel, 7mm
	675.477	22mm Trial, Angled, Parallel, 9mm
	675.479	22mm Trial, Angled, Parallel, 11mm
	675.481	22mm Trial, Angled, Parallel, 13mm
	675.543	18mm Trial, Angled, 6° Lordotic, 5mm
	675.545	18mm Trial, Angled, 6° Lordotic, 7mm
	675.547	18mm Trial, Angled, 6° Lordotic, 9mm
	675.549	18mm Trial, Angled, 6° Lordotic, 11mm
	675.551	18mm Trial, Angled, 6° Lordotic, 13mm
	675.573	22mm Trial, Angled, 6° Lordotic, 5mm
	675.575	22mm Trial, Angled, 6° Lordotic, 7mm
	675.577	22mm Trial, Angled, 6° Lordotic, 9mm
	675.579	22mm Trial, Angled, 6° Lordotic, 11mm
	675.581	22mm Trial, Angled, 6° Lordotic, 13mm
	675.673	22mm Trial, Angled, Right 6° Lordotic, 5mm
	675.675	22mm Trial, Angled, Right 6° Lordotic, 7mm
	675.677	22mm Trial, Angled, Right 6° Lordotic, 9mm
	675.679	22mm Trial, Angled, Right 6° Lordotic, 11mm
	675.681	22mm Trial, Angled, Right 6° Lordotic, 13mm

Insertion Instruments



Slide Hammer, Long 675.004



PATRIOT® CONTINENTAL® Holder/Inserter 664.500



Insertion Sleeve 675.501



*PATRIOT® CONTINENTAL® Holder/Inserter 664.500,
Insertion Sleeve 675.501 (Assembled)*



Tamp 675.502



MIS Handle 673.003

TransContinental[®]

SURGICAL TECHNIQUE

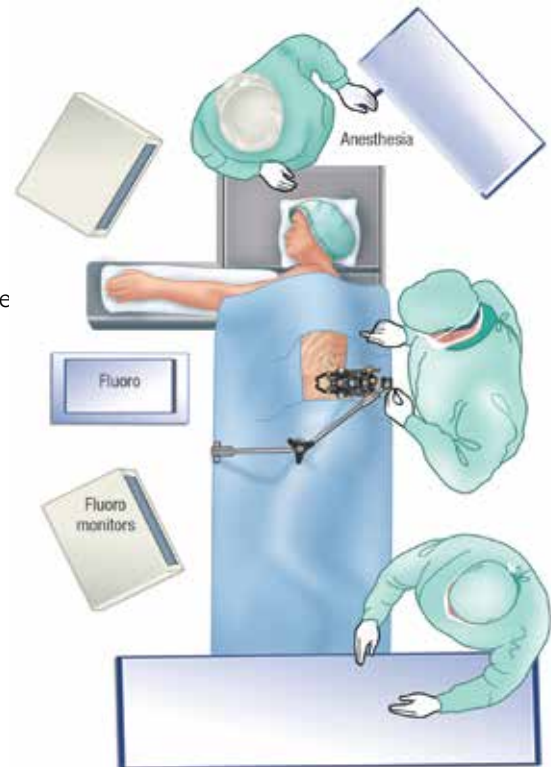
Step 1 Patient Preparation

Patient Positioning

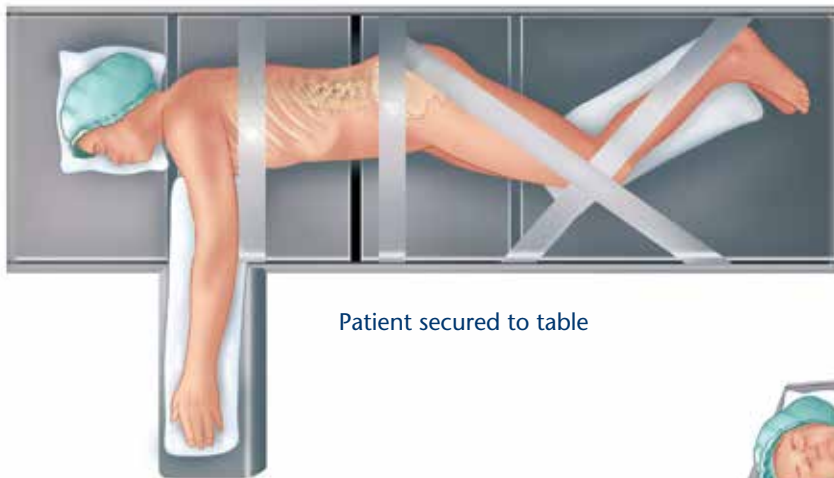
The patient is placed on a flexible surgical table in a straight 90° right lateral decubitus position so that the iliac crest is just over the table break, as shown below.

The patient is then secured to the table at the following locations:
1) Just beneath the iliac crest; 2) Over the thoracic region, just under the shoulder; 3) From the back of the table, over the ankle, and past the knee to the front of the table.

The table should be flexed to open the interval between the 12th rib and iliac crest, and provide direct access to the disc space as shown below.



Patient positioning



Patient secured to table

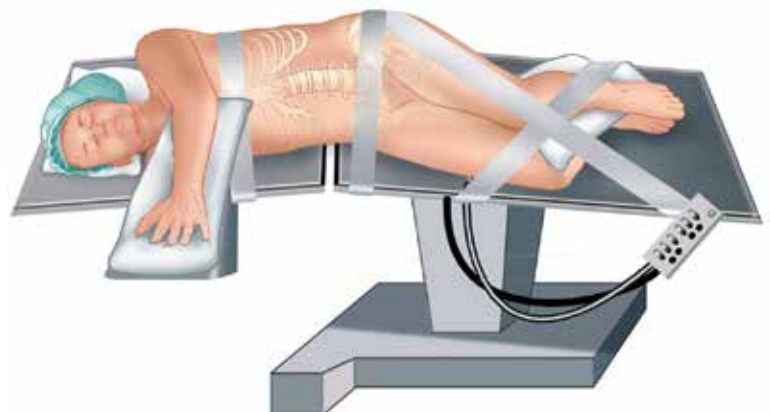


Table flexed

X-Ray Confirmation

Fluoroscopy is used to ensure that the spine is oriented in a straight lateral position. The table should be adjusted so that the C-arm provides straight AP images when at 0° and straight lateral images at 90°.



Lateral image



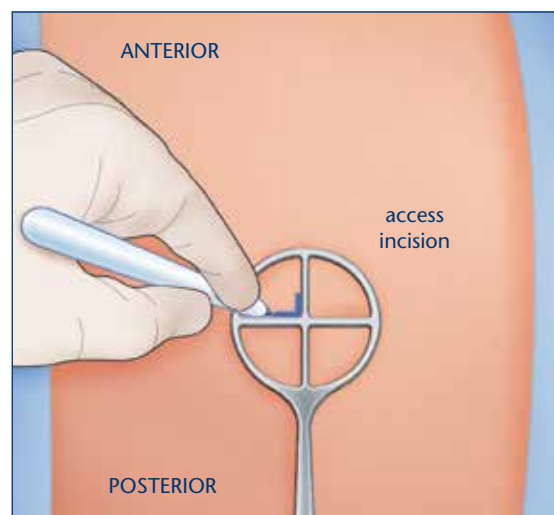
AP image

Incision Location

The operative area is carefully cleaned and the Incision Locator is used under fluoroscopy to identify the middle of the disc space to be fused. An access incision mark is then traced on the patient's skin to indicate the position and insertion site for the retractor. Position the desired retractor.



Using Incision Locator



Marking the incision locations

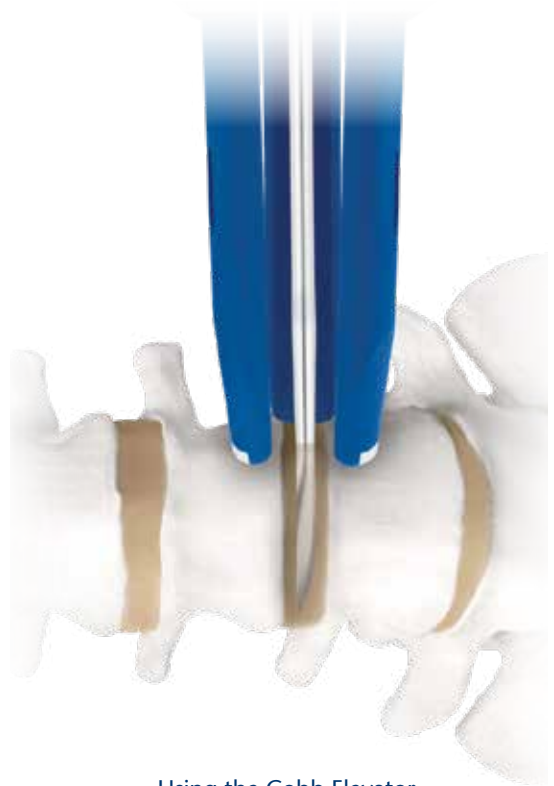
Step 2 Disc Preparation

Annulotomy

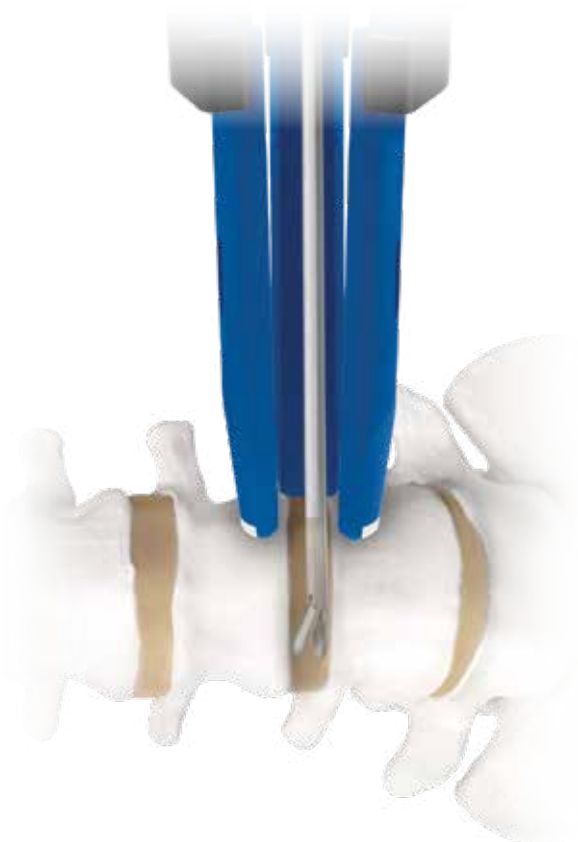
The **Bayonneted Annulotomy Knife** may be used to create a window centered in the anterior half of the annulus, large enough for graft insertion.

Contralateral Annulus Release

A **Cobb Elevator** may be passed along both endplates through the disc space, far enough to provide release of the contralateral annulus. This allows for height restoration upon insertion of the implant.



Using the Cobb Elevator



Using the Disc Rongeur

Disc Space Preparation

Leaving the posterior annulus intact, remove the intervertebral disc and osteophytes as needed. The **Disc Box Cutter**, **Disc Rongeurs**, **Kerrisons**, **Curettes**, **Scrapers** and **Rasps** are available for disc removal and endplate preparation, as shown at left.

Step

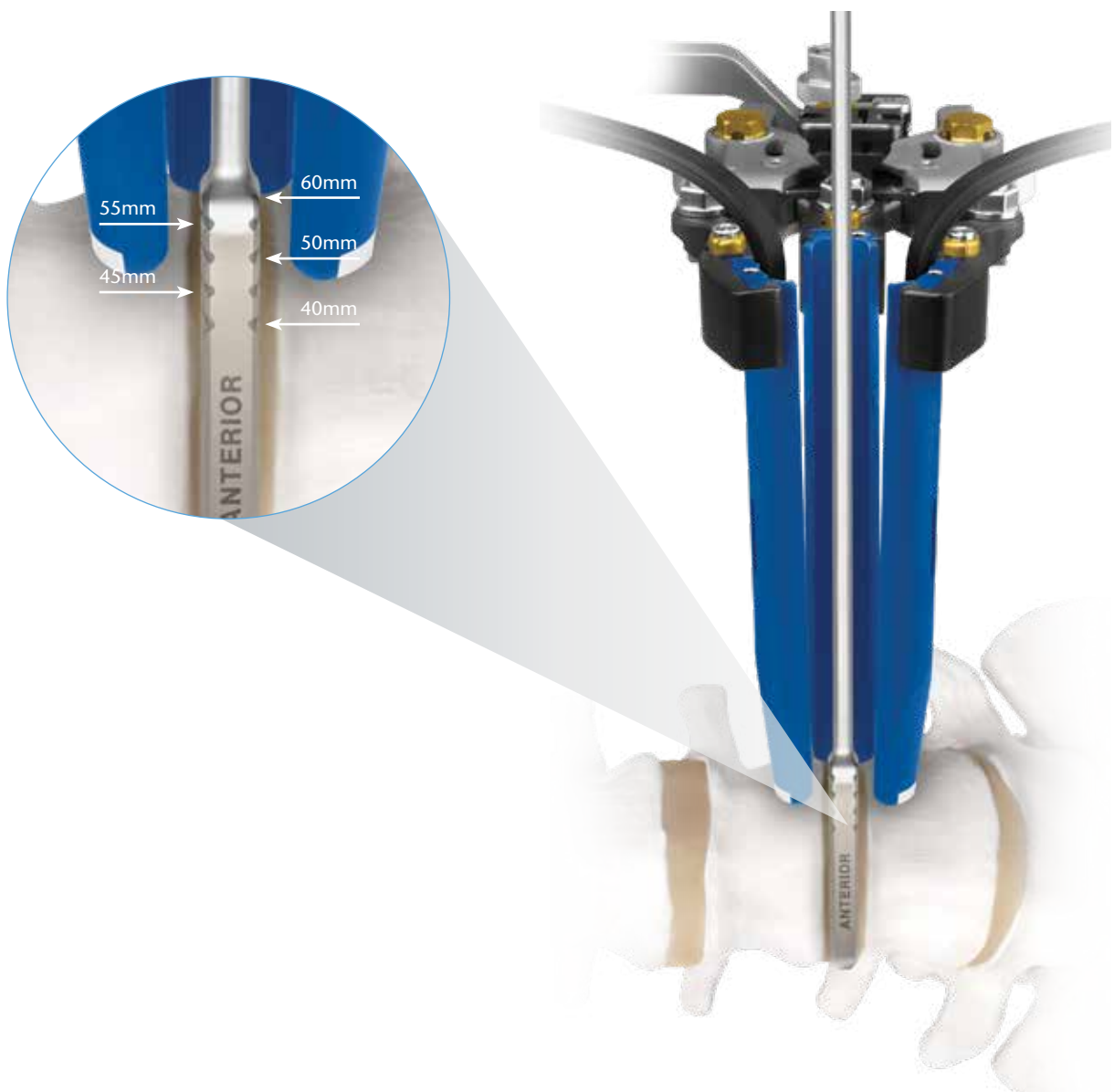
3

Distraction and Implant Sizing

Static **TransContinental® Trials** should be used to determine implant length. To determine the appropriate implant size, first insert the smallest static trial, into the disc space, moving to larger trials as needed.

For correct orientation, insert the trial into the disc space with the side etched “Anterior” facing the patient’s anterior side. Determine which trial best fits the prepared disc space. A secure fit is desirable to maintain disc height and stabilize the segment.

Ensure that the tapered end of the trial overhangs the contralateral edge to account for implant-endplate contact.



Implant Sizing

Step 4 Interbody Insertion

Select the appropriately sized TransContinental® Spacer and gently insert into the intervertebral space using the assembled **PATRIOT® CONTINENTAL® Holder/Inserter** and **Insertion Sleeve**. AP fluoroscopy should be used to facilitate implant placement.

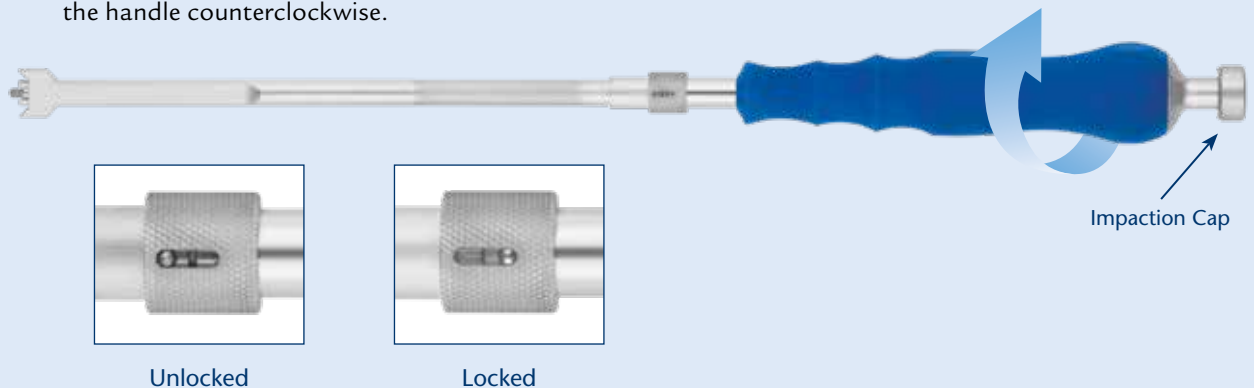
Once the position is confirmed, the implant is released from the inserter.

The TransContinental® Spacer is intended to be used with supplemental fixation.



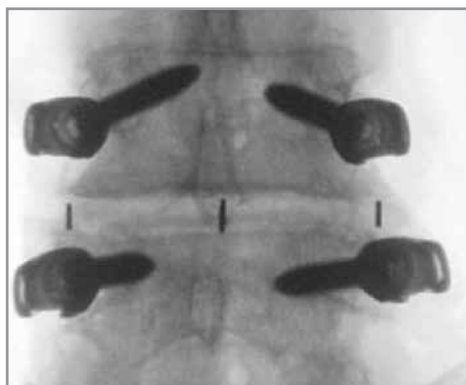
Using the Implant Insertion Tool

Ensure the holder/inserter and Insertion Sleeve assembly is in the unlocked position. Thread the implant on to the inserter by rotating the handle clockwise and making sure the sleeve aligns properly. Lock the tool by sliding the locking nut forward. Insert the implant. To disengage, unlock and rotate the handle counterclockwise.



TransContinental®

Radiographic markers allow for clear visualization under fluoroscopy.



AP View



Lateral View

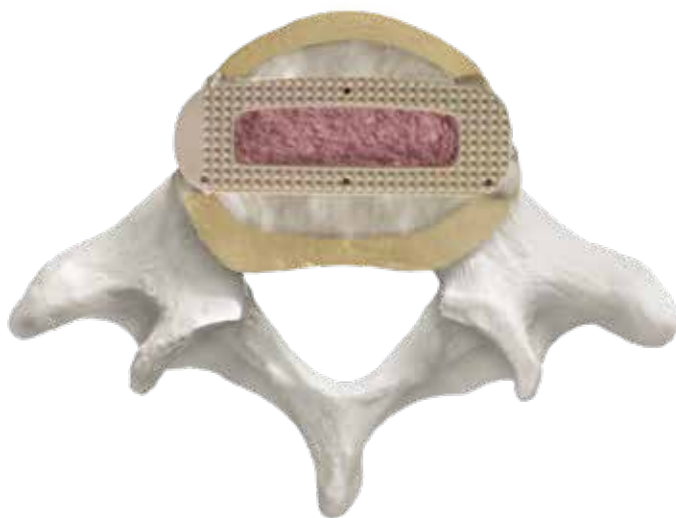
Final Position



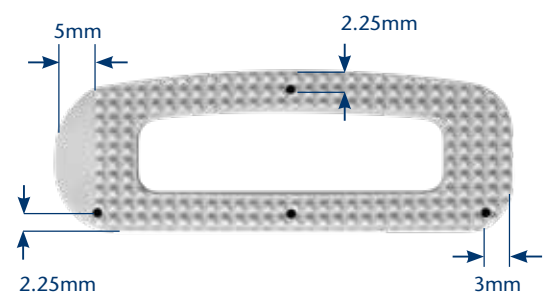
Lateral View



AP View

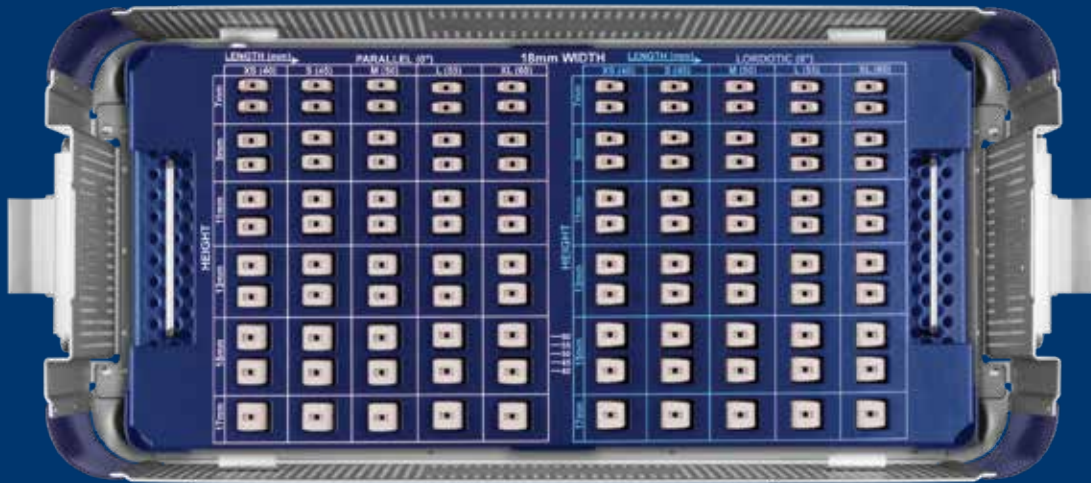


Axial view



Radiographic markers positions

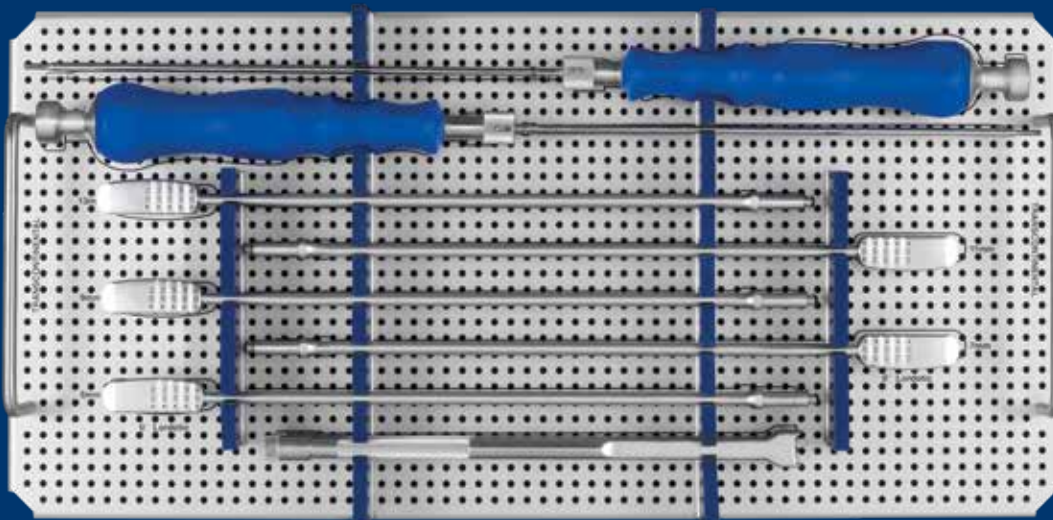
TransContinental® IMPLANT SET



TransContinental® Implant Set 975.916

Part No.	Description	Qty	Part No.	Description	Qty
375.007	TransContinental® Spacer, Small, 0°, 7mm	2	375.513	TransContinental® Spacer, Large, 6°, 13mm	2
375.009	TransContinental® Spacer, Small, 0°, 9mm	2	375.515	TransContinental® Spacer, Large, 6°, 15mm	2
375.011	TransContinental® Spacer, Small, 0°, 11mm	2	375.517	TransContinental® Spacer, Large, 6°, 17mm	1
375.013	TransContinental® Spacer, Small, 0°, 13mm	2	375.607	TransContinental® Spacer, X-Large, 0°, 7mm	2
375.015	TransContinental® Spacer, Small, 0°, 15mm	2	375.609	TransContinental® Spacer, X-Large, 0°, 9mm	2
375.017	TransContinental® Spacer, Small, 0°, 17mm	1	375.611	TransContinental® Spacer, X-Large, 0°, 11mm	2
375.107	TransContinental® Spacer, Small, 6°, 7mm	2	375.613	TransContinental® Spacer, X-Large, 0°, 13mm	2
375.109	TransContinental® Spacer, Small, 6°, 9mm	2	375.615	TransContinental® Spacer, X-Large, 0°, 15mm	2
375.111	TransContinental® Spacer, Small, 6°, 11mm	2	375.617	TransContinental® Spacer, X-Large, 0°, 17mm	1
375.113	TransContinental® Spacer, Small, 6°, 13mm	2	375.707	TransContinental® Spacer, X-Large, 6°, 7mm	2
375.115	TransContinental® Spacer, Small, 6°, 15mm	2	375.709	TransContinental® Spacer, X-Large, 6°, 9mm	2
375.117	TransContinental® Spacer, Small, 6°, 17mm	1	375.711	TransContinental® Spacer, X-Large, 6°, 11mm	2
375.207	TransContinental® Spacer, Medium, 0°, 7mm	2	375.713	TransContinental® Spacer, X-Large, 6°, 13mm	2
375.209	TransContinental® Spacer, Medium, 0°, 9mm	2	375.715	TransContinental® Spacer, X-Large, 6°, 15mm	2
375.211	TransContinental® Spacer, Medium, 0°, 11mm	2	375.717	TransContinental® Spacer, X-Large, 6°, 17mm	1
375.213	TransContinental® Spacer, Medium, 0°, 13mm	2	375.807	TransContinental® Spacer, X-Small, 0°, 7mm	2
375.215	TransContinental® Spacer, Medium, 0°, 15mm	2	375.809	TransContinental® Spacer, X-Small, 0°, 9mm	2
375.217	TransContinental® Spacer, Medium, 0°, 17mm	1	375.811	TransContinental® Spacer, X-Small, 0°, 11mm	2
375.307	TransContinental® Spacer, Medium, 6°, 7mm	2	375.813	TransContinental® Spacer, X-Small, 0°, 13mm	2
375.309	TransContinental® Spacer, Medium, 6°, 9mm	2	375.815	TransContinental® Spacer, X-Small, 0°, 15mm	2
375.311	TransContinental® Spacer, Medium, 6°, 11mm	2	375.817	TransContinental® Spacer, X-Small, 0°, 17mm	1
375.313	TransContinental® Spacer, Medium, 6°, 13mm	2	375.907	TransContinental® Spacer, X-Small, 6°, 7mm	2
375.315	TransContinental® Spacer, Medium, 6°, 15mm	2	375.909	TransContinental® Spacer, X-Small, 6°, 9mm	2
375.317	TransContinental® Spacer, Medium, 6°, 17mm	1	375.911	TransContinental® Spacer, X-Small, 6°, 11mm	2
375.407	TransContinental® Spacer, Large, 0°, 7mm	2	375.913	TransContinental® Spacer, X-Small, 6°, 13mm	2
375.409	TransContinental® Spacer, Large, 0°, 9mm	2	375.915	TransContinental® Spacer, X-Small, 6°, 15mm	2
375.411	TransContinental® Spacer, Large, 0°, 11mm	2	375.917	TransContinental® Spacer, X-Small, 6°, 17mm	1
375.413	TransContinental® Spacer, Large, 0°, 13mm	2	975.011	TransContinental® Graphic Case – Implants	
375.415	TransContinental® Spacer, Large, 0°, 15mm	2			
375.417	TransContinental® Spacer, Large, 0°, 17mm	1			
375.507	TransContinental® Spacer, Large, 6°, 7mm	2			
375.509	TransContinental® Spacer, Large, 6°, 9mm	2			
375.511	TransContinental® Spacer, Large, 6°, 11mm	2			

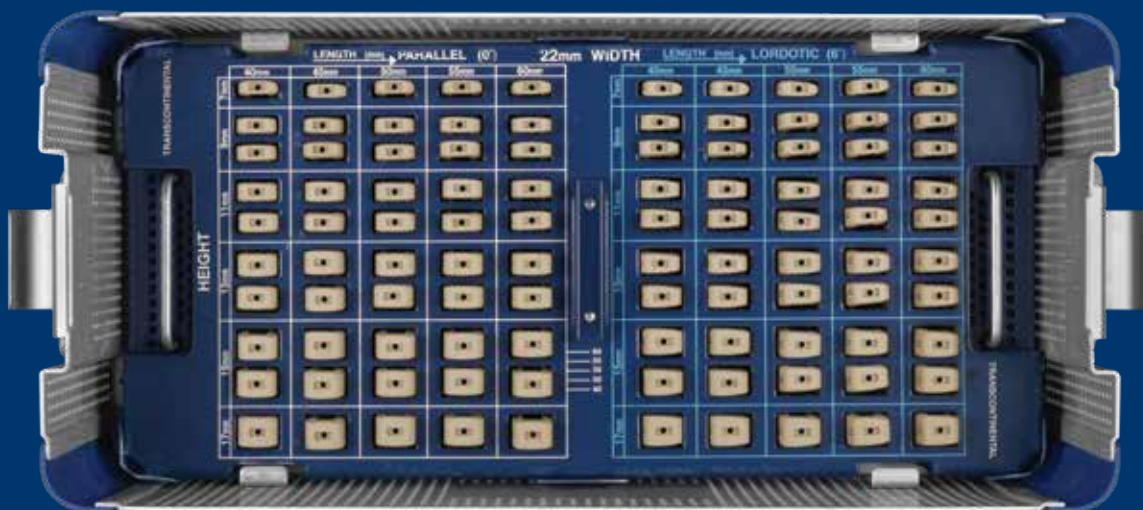
TransContinental® 16mm WIDE IMPLANT SET



TransContinental® 16mm Wide Implant Set 975.920

Part No.	Description	Qty
375.060	TransContinental® Spacer, 0°, 16x25mm, 7mm	2
375.061	TransContinental® Spacer, 0°, 16x25mm, 9mm	2
375.062	TransContinental® Spacer, 0°, 16x25mm, 11mm	2
375.063	TransContinental® Spacer, 0°, 16x25mm, 13mm	2
375.160	TransContinental® Spacer, 0°, 16x30mm, 7mm	2
375.161	TransContinental® Spacer, 0°, 16x30mm, 9mm	2
375.162	TransContinental® Spacer, 0°, 16x30mm, 11mm	2
375.163	TransContinental® Spacer, 0°, 16x30mm, 13mm	2
375.260	TransContinental® Spacer, 0°, 16x35mm, 7mm	2
375.261	TransContinental® Spacer, 0°, 16x35mm, 9mm	2
375.262	TransContinental® Spacer, 0°, 16x35mm, 11mm	2
375.263	TransContinental® Spacer, 0°, 16x35mm, 13mm	2
375.360	TransContinental® Spacer, 0°, 16x40mm, 7mm	2
375.361	TransContinental® Spacer, 0°, 16x40mm, 9mm	2
375.362	TransContinental® Spacer, 0°, 16x40mm, 11mm	2
375.363	TransContinental® Spacer, 0°, 16x40mm, 13mm	2
375.460	TransContinental® Spacer, 0°, 16x20mm, 7mm	2
375.461	TransContinental® Spacer, 0°, 16x20mm, 9mm	2
375.462	TransContinental® Spacer, 0°, 16x20mm, 11mm	2
375.463	TransContinental® Spacer, 0°, 16x20mm, 13mm	2
675.059	16mm Trial 0° Lordotic, 5mm	1
675.060	16mm Trial 0° Lordotic, 7mm	1
675.061	16mm Trial 0° Lordotic, 9mm	1
675.062	16mm Trial 0° Lordotic, 11mm	1
675.063	16mm Trial 0° Lordotic, 13mm	1
675.930	Insertion Sleeve	2
675.940	Holder Insert	2
975.020	TransContinental® Graphic Case - Implant, 16mm Wide	

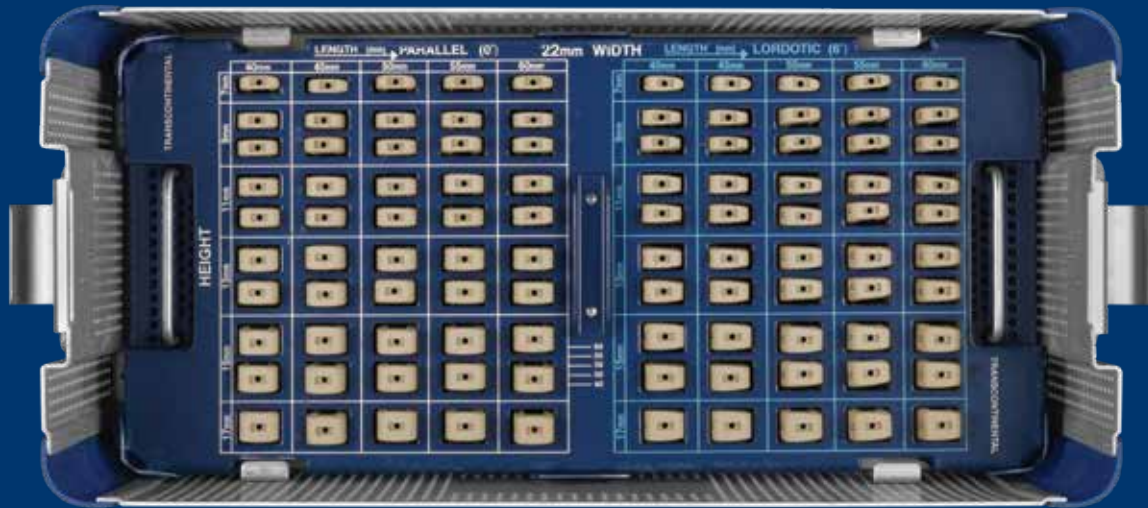
TransContinental® 22mm IMPLANT SET



TransContinental® 22mm Implant Set 975.922

Part No.	Description	Qty	Part No.	Description	Qty
375.045	TransContinental® Spacer, 22mm Wide, Small, 0°, 7mm	1	375.357	TransContinental® Spacer, 22mm Wide, Medium, 6°, 17mm	1
375.049	TransContinental® Spacer, 22mm Wide, Small, 0°, 9mm	2	375.445	TransContinental® Spacer, 22mm Wide, Large, 0°, 7mm	1
375.051	TransContinental® Spacer, 22mm Wide, Small, 0°, 11mm	2	375.449	TransContinental® Spacer, 22mm Wide, Large, 0°, 9mm	2
375.053	TransContinental® Spacer, 22mm Wide, Small, 0°, 13mm	2	375.451	TransContinental® Spacer, 22mm Wide, Large, 0°, 11mm	2
375.055	TransContinental® Spacer, 22mm Wide, Small, 0°, 15mm	2	375.453	TransContinental® Spacer, 22mm Wide, Large, 0°, 13mm	2
375.057	TransContinental® Spacer, 22mm Wide, Small, 0°, 17mm	1	375.455	TransContinental® Spacer, 22mm Wide, Large, 0°, 15mm	2
375.145	TransContinental® Spacer, 22mm Wide, Small, 6°, 7mm	1	375.457	TransContinental® Spacer, 22mm Wide, Large, 0°, 17mm	1
375.149	TransContinental® Spacer, 22mm Wide, Small, 6°, 9mm	2	375.545	TransContinental® Spacer, 22mm Wide, Large, 6°, 7mm	1
375.151	TransContinental® Spacer, 22mm Wide, Small, 6°, 11mm	2	375.549	TransContinental® Spacer, 22mm Wide, Large, 6°, 9mm	2
375.153	TransContinental® Spacer, 22mm Wide, Small, 6°, 13mm	2	375.551	TransContinental® Spacer, 22mm Wide, Large, 6°, 11mm	2
375.155	TransContinental® Spacer, 22mm Wide, Small, 6°, 15mm	2	375.553	TransContinental® Spacer, 22mm Wide, Large, 6°, 13mm	2
375.157	TransContinental® Spacer, 22mm Wide, Small, 6°, 17mm	1	375.555	TransContinental® Spacer, 22mm Wide, Large, 6°, 15mm	2
375.245	TransContinental® Spacer, 22mm Wide, Medium, 0°, 7mm	1	375.557	TransContinental® Spacer, 22mm Wide, Large, 6°, 17mm	1
375.249	TransContinental® Spacer, 22mm Wide, Medium, 0°, 9mm	2	375.645	TransContinental® Spacer, 22mm Wide, X-Large, 0°, 7mm	1
375.251	TransContinental® Spacer, 22mm Wide, Medium, 0°, 11mm	2	375.649	TransContinental® Spacer, 22mm Wide, X-Large, 0°, 9mm	2
375.253	TransContinental® Spacer, 22mm Wide, Medium, 0°, 13mm	2	375.651	TransContinental® Spacer, 22mm Wide, X-Large, 0°, 11mm	2
375.255	TransContinental® Spacer, 22mm Wide, Medium, 0°, 15mm	2	375.653	TransContinental® Spacer, 22mm Wide, X-Large, 0°, 13mm	2
375.257	TransContinental® Spacer, 22mm Wide, Medium, 0°, 17mm	1	375.655	TransContinental® Spacer, 22mm Wide, X-Large, 0°, 15mm	2
375.345	TransContinental® Spacer, 22mm Wide, Medium, 6°, 7mm	1	375.657	TransContinental® Spacer, 22mm Wide, X-Large, 0°, 17mm	1
375.349	TransContinental® Spacer, 22mm Wide, Medium, 6°, 9mm	2	375.745	TransContinental® Spacer, 22mm Wide, X-Large, 6°, 7mm	1
375.351	TransContinental® Spacer, 22mm Wide, Medium, 6°, 11mm	2	375.749	TransContinental® Spacer, 22mm Wide, X-Large, 6°, 9mm	2
375.353	TransContinental® Spacer, 22mm Wide, Medium, 6°, 13mm	2	375.751	TransContinental® Spacer, 22mm Wide, X-Large, 6°, 11mm	2
375.355	TransContinental® Spacer, 22mm Wide, Medium, 6°, 15mm	2	375.753	TransContinental® Spacer, 22mm Wide, X-Large, 6°, 13mm	2

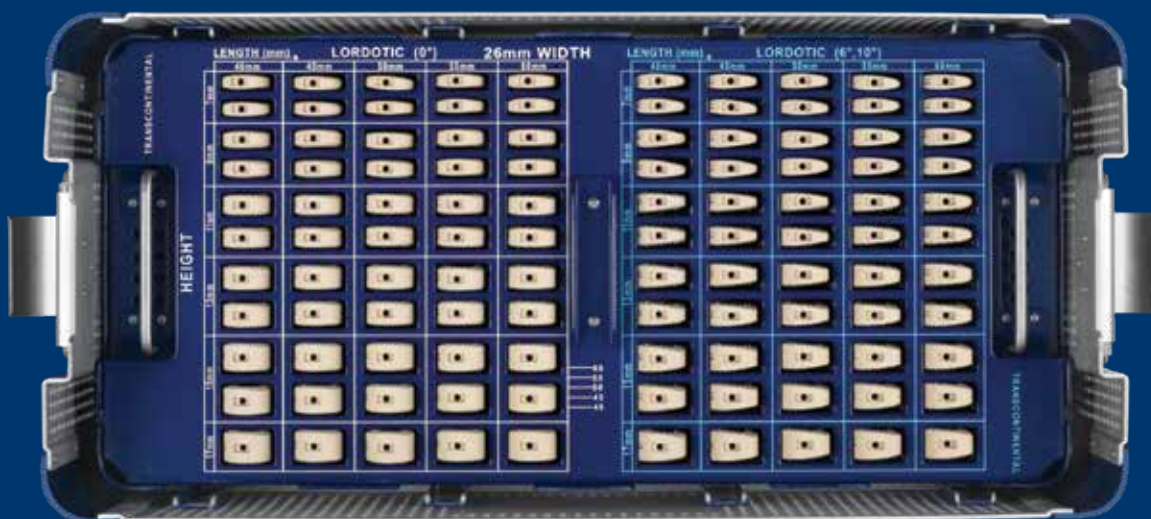
TransContinental[®] 22mm IMPLANT SET (CONT'D)



TransContinental® 22mm Implant Set 975.922 (cont'd)

Part No.	Description	Qty	Part No.	Description	Qty
375.755	TransContinental® Spacer, 22mm Wide, X-Large, 6°, 15mm	2	675.453	TransContinental® 22mm Trial, 6°, Lordotic, 13mm	1
375.757	TransContinental® Spacer, 22mm Wide, X-Large, 6°, 17mm	1	675.455	TransContinental® 22mm Trial, 6°, Lordotic, 15mm	1
375.845	TransContinental® Spacer, 22mm Wide, X-Small, 0°, 7mm	1	675.457	TransContinental® 22mm Trial, 6°, Lordotic, 17mm	1
375.849	TransContinental® Spacer, 22mm Wide, X-Small, 0°, 9mm	1	675.522	Insertion Sleeve, 22mm	2
375.851	TransContinental® Spacer, 22mm Wide, X-Small, 0°, 11mm	1	975.022	TransContinental® 22mm Wide Implant Graphic Case	
375.853	TransContinental® Spacer, 22mm Wide, X-Small, 0°, 13mm	1			
375.855	TransContinental® Spacer, 22mm Wide, X-Small, 0°, 15mm	1			
375.945	TransContinental® Spacer, 22mm Wide, X-Small, 6°, 7mm	1			
375.949	TransContinental® Spacer, 22mm Wide, X-Small, 6°, 9mm	1			
375.951	TransContinental® Spacer, 22mm Wide, X-Small, 6°, 11mm	1			
375.953	TransContinental® Spacer, 22mm Wide, X-Small, 6°, 13mm	1			
375.955	TransContinental® Spacer, 22mm Wide, X-Small, 6°, 15mm	1			
675.043	TransContinental® 22mm Trial, Parallel, 5mm	1			
675.045	TransContinental® 22mm Trial, Parallel, 7mm	1			
675.049	TransContinental® 22mm Trial, Parallel, 9mm	1			
675.051	TransContinental® 22mm Trial, Parallel, 11mm	1			
675.053	TransContinental® 22mm Trial, Parallel, 13mm	1			
675.055	TransContinental® 22mm Trial, Parallel, 15mm	1			
675.057	TransContinental® 22mm Trial, Parallel, 17mm	1			
675.443	TransContinental® 22mm Trial, 6° Lordotic, 5mm	1			
675.445	TransContinental® 22mm Trial, 6° Lordotic, 7mm	1			
675.449	TransContinental® 22mm Trial, 6°, Lordotic, 9mm	1			
675.451	TransContinental® 22mm Trial, 6°, Lordotic, 11mm	1			

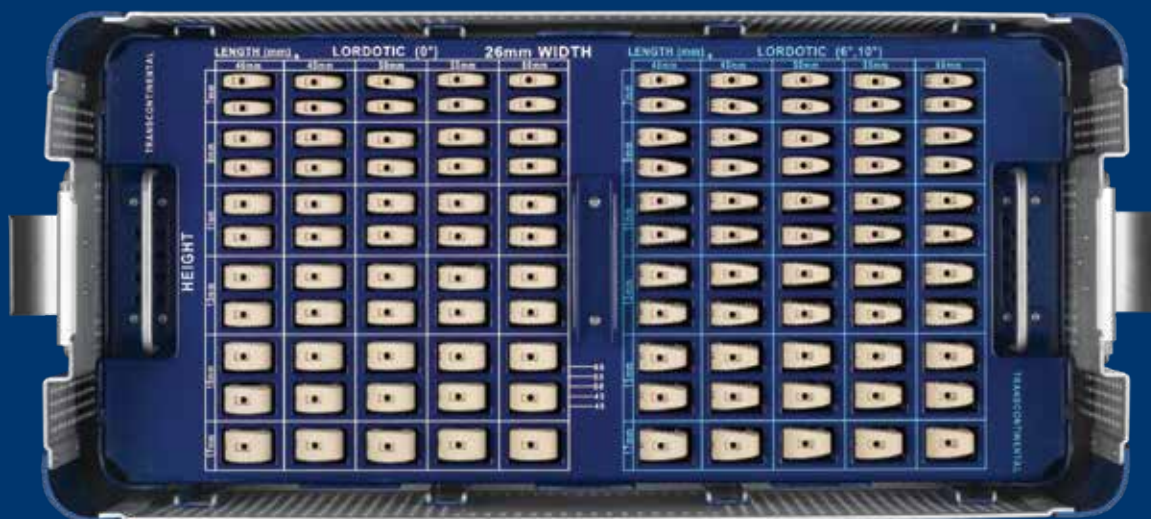
TransContinental® 26mm IMPLANT SET



TransContinental® 26mm Implant Set 975.926

Part No.	Description	Qty	Part No.	Description	Qty
375.141	TransContinental® Spacer, 26x40mm, 0°, 7mm	2	375.548	TransContinental® Spacer, 26x55mm, 0°, 17mm	1
375.142	TransContinental® Spacer, 26x40mm, 0°, 9mm	2	375.559	TransContinental® Spacer, 26x60mm, 0°, 7mm	2
375.143	TransContinental® Spacer, 26x40mm, 0°, 11mm	2	375.560	TransContinental® Spacer, 26x60mm, 0°, 9mm	2
375.144	TransContinental® Spacer, 26x40mm, 0°, 13mm	2	375.561	TransContinental® Spacer, 26x60mm, 0°, 11mm	2
375.146	TransContinental® Spacer, 26x40mm, 0°, 15mm	2	375.562	TransContinental® Spacer, 26x60mm, 0°, 13mm	2
375.148	TransContinental® Spacer, 26x40mm, 0°, 17mm	1	375.563	TransContinental® Spacer, 26x60mm, 0°, 15mm	2
375.341	TransContinental® Spacer, 26x45mm, 0°, 7mm	2	375.564	TransContinental® Spacer, 26x60mm, 0°, 17mm	1
375.342	TransContinental® Spacer, 26x45mm, 0°, 9mm	2	375.678	TransContinental® Spacer, 26x40mm, 6°, 7mm	2
375.343	TransContinental® Spacer, 26x45mm, 0°, 11mm	2	375.679	TransContinental® Spacer, 26x40mm, 10°, 9mm	2
375.344	TransContinental® Spacer, 26x45mm, 0°, 13mm	2	375.680	TransContinental® Spacer, 26x40mm, 10°, 11mm	2
375.346	TransContinental® Spacer, 26x45mm, 0°, 15mm	2	375.688	TransContinental® Spacer, 26x40mm, 10°, 13mm	2
375.348	TransContinental® Spacer, 26x45mm, 0°, 17mm	1	375.689	TransContinental® Spacer, 26x40mm, 10°, 15mm	2
375.441	TransContinental® Spacer, 26x50mm, 0°, 7mm	2	375.690	TransContinental® Spacer, 26x40mm, 10°, 17mm	1
375.442	TransContinental® Spacer, 26x50mm, 0°, 9mm	2	375.778	TransContinental® Spacer, 26x45mm, 6°, 7mm	2
375.443	TransContinental® Spacer, 26x50mm, 0°, 11mm	2	375.779	TransContinental® Spacer, 26x45mm, 10°, 9mm	2
375.444	TransContinental® Spacer, 26x50mm, 0°, 13mm	2	375.780	TransContinental® Spacer, 26x45mm, 10°, 11mm	2
375.446	TransContinental® Spacer, 26x50mm, 0°, 15mm	2	375.788	TransContinental® Spacer, 26x45mm, 10°, 13mm	2
375.448	TransContinental® Spacer, 26x50mm, 0°, 17mm	1	375.789	TransContinental® Spacer, 26x45mm, 10°, 15mm	2
375.541	TransContinental® Spacer, 26x55mm, 0°, 7mm	2	375.790	TransContinental® Spacer, 26x45mm, 10°, 17mm	1
375.542	TransContinental® Spacer, 26x55mm, 0°, 9mm	2	375.798	TransContinental® Spacer, 26x60mm, 6°, 7mm	2
375.543	TransContinental® Spacer, 26x55mm, 0°, 11mm	2	375.799	TransContinental® Spacer, 26x60mm, 10°, 9mm	2
375.544	TransContinental® Spacer, 26x55mm, 0°, 13mm	2	375.878	TransContinental® Spacer, 26x50mm, 6°, 7mm	2
375.546	TransContinental® Spacer, 26x55mm, 0°, 15mm	2	375.879	TransContinental® Spacer, 26x50mm, 10°, 9mm	2

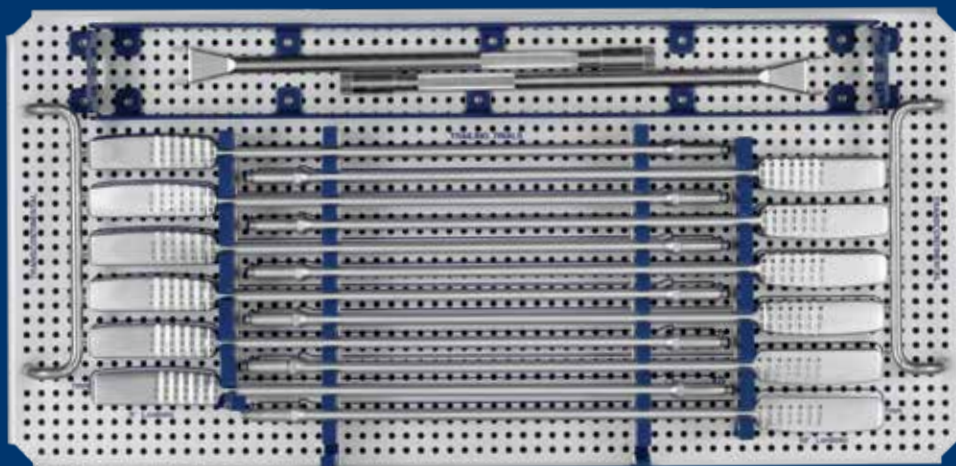
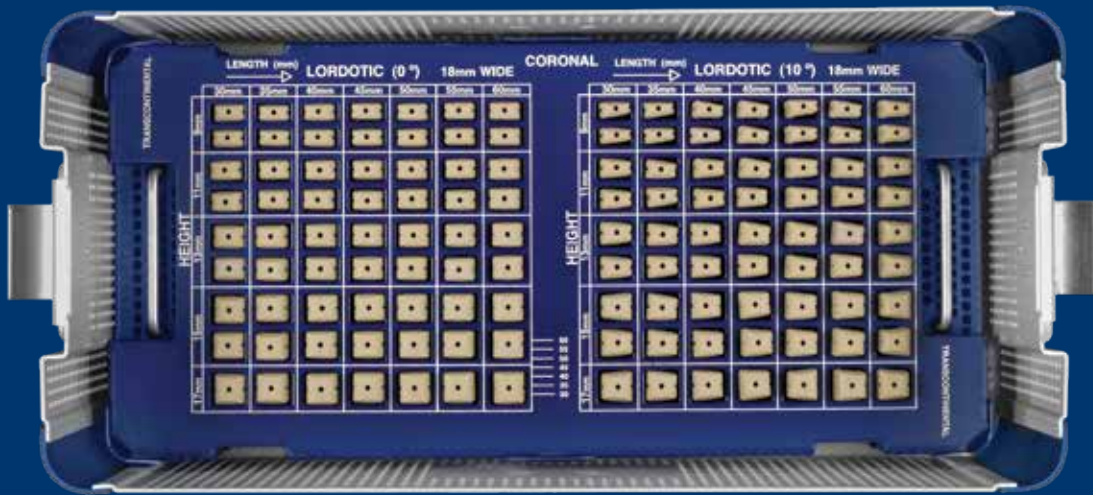
TransContinental® 26mm IMPLANT SET (CONT'D)



TransContinental® 26mm Implant Set 975.926 (cont'd)

Part No.	Description	Qty	Part No.	Description	Qty
375.880	TransContinental® Spacer, 26x50mm, 10°, 11mm	2	675.364	26mm Trial, 10°, Lordotic, 17mm	1
375.888	TransContinental® Spacer, 26x50mm, 10°, 13mm	2	675.500	Insertion Sleeve, 26mm	1
375.889	TransContinental® Spacer, 26x50mm, 10°, 15mm	2	975.026	TransContinental® 26mm Wide Implant Graphics Case	
375.890	TransContinental® Spacer, 26x50mm, 10°, 17mm	1			
375.898	TransContinental® Spacer, 26x60mm, 10°, 11mm	2			
375.899	TransContinental® Spacer, 26x60mm, 10°, 13mm	2			
375.978	TransContinental® Spacer, 26x55mm, 6°, 7mm	2			
375.979	TransContinental® Spacer, 26x55mm, 10°, 9mm	2			
375.980	TransContinental® Spacer, 26x55mm, 10°, 11mm	2			
375.988	TransContinental® Spacer, 26x55mm, 10°, 13mm	2			
375.989	TransContinental® Spacer, 26x55mm, 10°, 15mm	2			
375.990	TransContinental® Spacer, 26x55mm, 10°, 17mm	1			
375.998	TransContinental® Spacer, 26x60mm, 10°, 15mm	2			
375.999	TransContinental® Spacer, 26x60mm, 10°, 17mm	1			
664.500	PATRIOT® Continental Holder/Insertor	1			
675.351	26mm Trial, 0°, Lordotic, 5mm	1			
675.352	26mm Trial, 0°, Lordotic, 7mm	1			
675.353	26mm Trial, 0°, Lordotic, 9mm	1			
675.354	26mm Trial, 0°, Lordotic, 11mm	1			
675.355	26mm Trial, 0°, Lordotic, 13mm	1			
675.356	26mm Trial, 0°, Lordotic, 15mm	1			
675.357	26mm Trial, 0°, Lordotic, 17mm	1			
675.359	26mm Trial, 6°, Lordotic, 7mm	1			
675.360	26mm Trial, 10°, Lordotic, 9mm	1			
675.361	26mm Trial, 10°, Lordotic, 11mm	1			
675.362	26mm Trial, 10°, Lordotic, 13mm	1			
675.363	26mm Trial, 10°, Lordotic, 15mm	1			

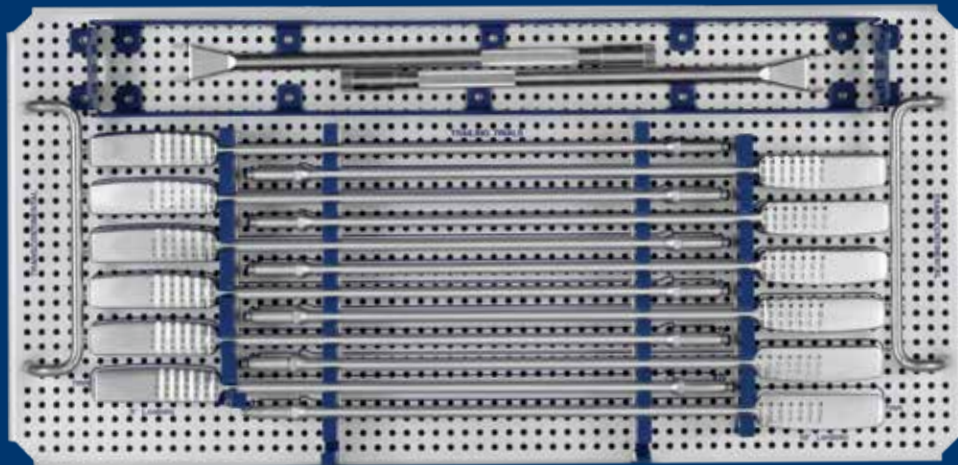
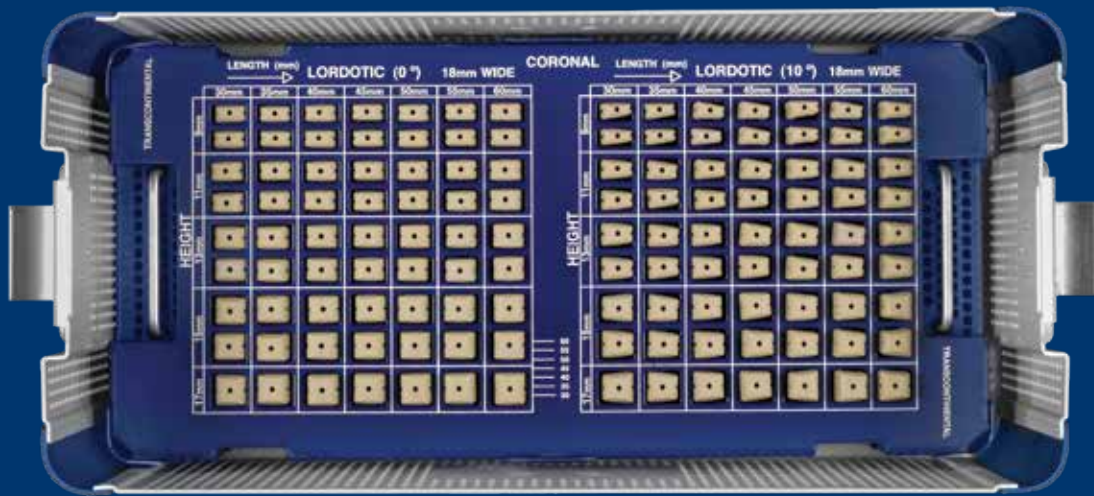
TransContinental[®] CORONAL TAPERED IMPLANT SET



TransContinental® Coronal Tapered Implant Set 975.925

Part No.	Description	Qty	Part No.	Description	Qty
375.092	TransContinental® Coronal Spacer, 0°, 18x30mm, 9mm	2	375.496	TransContinental® Coronal Spacer, 0°, 18x40mm, 17mm	1
375.093	TransContinental® Coronal Spacer, 0°, 18x30mm, 11mm	2	375.592	TransContinental® Coronal Spacer, 10°, 18x40mm, 9mm	2
375.094	TransContinental® Coronal Spacer, 0°, 18x30mm, 13mm	2	375.593	TransContinental® Coronal Spacer, 10°, 18x40mm, 11mm	2
375.095	TransContinental® Coronal Spacer, 0°, 18x30mm, 15mm	2	375.594	TransContinental® Coronal Spacer, 10°, 18x40mm, 13mm	2
375.096	TransContinental® Coronal Spacer, 0°, 18x30mm, 17mm	1	375.595	TransContinental® Coronal Spacer, 10°, 18x40mm, 15mm	2
375.192	TransContinental® Coronal Spacer, 10°, 18x30mm, 9mm	2	375.596	TransContinental® Coronal Spacer, 10°, 18x40mm, 17mm	1
375.193	TransContinental® Coronal Spacer, 10°, 18x30mm, 11mm	2	375.682	TransContinental® Coronal Spacer, 0°, 18x45mm, 9mm	2
375.194	TransContinental® Coronal Spacer, 10°, 18x30mm, 13mm	2	375.683	TransContinental® Coronal Spacer, 0°, 18x45mm, 11mm	2
375.195	TransContinental® Coronal Spacer, 10°, 18x30mm, 15mm	2	375.684	TransContinental® Coronal Spacer, 0°, 18x45mm, 13mm	2
375.196	TransContinental® Coronal Spacer, 10°, 18x30mm, 17mm	1	375.685	TransContinental® Coronal Spacer, 0°, 18x45mm, 15mm	2
375.292	TransContinental® Coronal Spacer, 0°, 18x35mm, 9mm	2	375.686	TransContinental® Coronal Spacer, 0°, 18x45mm, 17mm	1
375.293	TransContinental® Coronal Spacer, 0°, 18x35mm, 11mm	2	375.692	TransContinental® Coronal Spacer, 0°, 18x50mm, 9mm	2
375.294	TransContinental® Coronal Spacer, 0°, 18x35mm, 13mm	2	375.693	TransContinental® Coronal Spacer, 0°, 18x50mm, 11mm	2
375.295	TransContinental® Coronal Spacer, 0°, 18x35mm, 15mm	2	375.694	TransContinental® Coronal Spacer, 0°, 18x50mm, 13mm	2
375.296	TransContinental® Coronal Spacer, 0°, 18x35mm, 17mm	1	375.695	TransContinental® Coronal Spacer, 0°, 18x50mm, 15mm	2
375.392	TransContinental® Coronal Spacer, 10°, 18x35mm, 9mm	2	375.696	TransContinental® Coronal Spacer, 0°, 18x50mm, 17mm	1
375.393	TransContinental® Coronal Spacer, 10°, 18x35mm, 11mm	2	375.782	TransContinental® Coronal Spacer, 10°, 18x45mm, 9mm	2
375.394	TransContinental® Coronal Spacer, 10°, 18x35mm, 13mm	2	375.783	TransContinental® Coronal Spacer, 10°, 18x45mm, 11mm	2
375.395	TransContinental® Coronal Spacer, 10°, 18x35mm, 15mm	2	375.784	TransContinental® Coronal Spacer, 10°, 18x45mm, 13mm	2
375.396	TransContinental® Coronal Spacer, 10°, 18x35mm, 17mm	1	375.785	TransContinental® Coronal Spacer, 10°, 18x45mm, 15mm	2
375.492	TransContinental® Coronal Spacer, 0°, 18x40mm, 9mm	2	375.786	TransContinental® Coronal Spacer, 10°, 18x45mm, 17mm	1
375.493	TransContinental® Coronal Spacer, 0°, 18x40mm, 11mm	2	375.792	TransContinental® Coronal Spacer, 10°, 18x50mm, 9mm	2
375.494	TransContinental® Coronal Spacer, 0°, 18x40mm, 13mm	2	375.793	TransContinental® Coronal Spacer, 10°, 18x50mm, 11mm	2
375.495	TransContinental® Coronal Spacer, 0°, 18x40mm, 15mm	2	375.794	TransContinental® Coronal Spacer, 10°, 18x50mm, 13mm	2

TransContinental® CORONAL TAPERED IMPLANT SET (CONT'D)

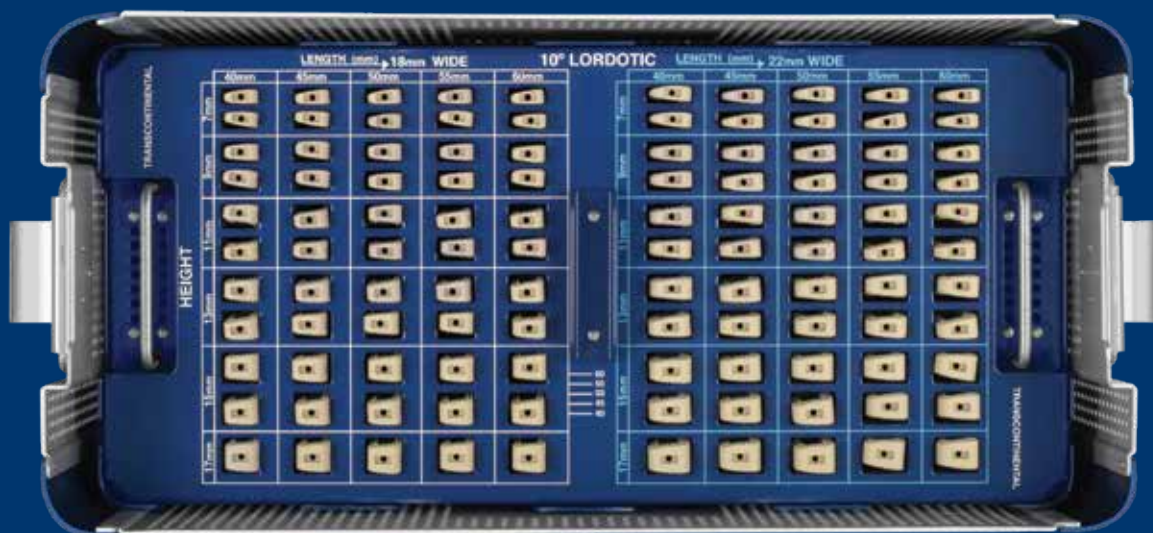


TransContinental®

Coronal Tapered Implant Set 975.925 (cont'd)

Part No.	Description	Qty	Part No.	Description	Qty
375.795	TransContinental® Coronal Spacer, 10°, 18x50mm, 15mm	2	675.031	Trial Leading – 4° Coronal x 0° Lordotic, 11mm	1
375.796	TransContinental® Coronal Spacer, 10°, 18x50mm, 17mm	1	675.033	Trial Leading – 4° Coronal x 0° Lordotic, 13mm	1
375.882	TransContinental® Coronal Spacer, 0°, 18x55mm, 9mm	2	675.035	Trial Leading – 4° Coronal x 0° Lordotic, 15mm	1
375.883	TransContinental® Coronal Spacer, 0°, 18x55mm, 11mm	2	675.037	Trial Leading – 4° Coronal x 0° Lordotic, 17mm	1
375.884	TransContinental® Coronal Spacer, 0°, 18x55mm, 13mm	2	675.227	Trial Trailing – 4° Coronal x 0° Lordotic, 7mm	1
375.885	TransContinental® Coronal Spacer, 0°, 18x55mm, 15mm	2	675.229	Trial Trailing – 4° Coronal x 0° Lordotic, 9mm	1
375.886	TransContinental® Coronal Spacer, 0°, 18x55mm, 17mm	1	675.231	Trial Trailing – 4° Coronal x 0° Lordotic, 11mm	1
375.892	TransContinental® Coronal Spacer, 0°, 18x60mm, 9mm	2	675.233	Trial Trailing – 4° Coronal x 0° Lordotic, 13mm	1
375.893	TransContinental® Coronal Spacer, 0°, 18x60mm, 11mm	2	675.235	Trial Trailing - 4° Coronal x 0° Lordotic, 15mm	1
375.894	TransContinental® Coronal Spacer, 0°, 18x60mm, 13mm	2	675.237	Trial Trailing - 4° Coronal x 0° Lordotic, 17mm	1
375.895	TransContinental® Coronal Spacer, 0°, 18x60mm, 15mm	2	675.427	Trial Leading – 4° Coronal x 10° Lordotic, 7mm	1
375.896	TransContinental® Coronal Spacer, 0°, 18x60mm, 17mm	1	675.429	Trial Leading – 4° Coronal x 10° Lordotic, 9mm	1
375.982	TransContinental® Coronal Spacer, 10°, 18x55mm, 9mm	2	675.431	Trial Leading – 4° Coronal x 10° Lordotic, 11mm	1
375.983	TransContinental® Coronal Spacer, 10°, 18x55mm, 11mm	2	675.433	Trial Leading – 4° Coronal x 10° Lordotic, 13mm	1
375.984	TransContinental® Coronal Spacer, 10°, 18x55mm, 13mm	2	675.435	Trial Leading – 4° Coronal x 10° Lordotic, 15mm	1
375.985	TransContinental® Coronal Spacer, 10°, 18x55mm, 15mm	2	675.437	Trial Leading – 4° Coronal x 10° Lordotic, 17mm	1
375.986	TransContinental® Coronal Spacer, 10°, 18x55mm, 17mm	1	675.827	Trial Trailing – 4° Coronal x 10° Lordotic, 7mm	1
375.992	TransContinental® Coronal Spacer, 10°, 18x60mm, 9mm	2	675.829	Trial Trailing – 4° Coronal x 10° Lordotic, 9mm	1
375.993	TransContinental® Coronal Spacer, 10°, 18x60mm, 11mm	2	675.831	Trial Trailing – 4° Coronal x 10° Lordotic, 11mm	1
375.994	TransContinental® Coronal Spacer, 10°, 18x60mm, 13mm	2	675.833	Trial Trailing – 4° Coronal x 10° Lordotic, 13mm	1
375.995	TransContinental® Coronal Spacer, 10°, 18x60mm, 15mm	2	675.835	Trial Trailing – 4° Coronal x 10° Lordotic, 15mm	1
375.996	TransContinental® Coronal Spacer, 10°, 18x60mm, 17mm	1	675.837	Trial Trailing – 4° Coronal x 10° Lordotic, 17mm	1
675.027	Trial Leading – 4° Coronal x 0° Lordotic, 7mm	1	675.940	Holder Insertor	2
675.029	Trial Leading – 4° Coronal x 0° Lordotic, 9mm	1	675.960	Coronal Insertion Sleeve, 18mm	2
			975.025	TransContinental® Coronal Tapered Implant Graphic Case	

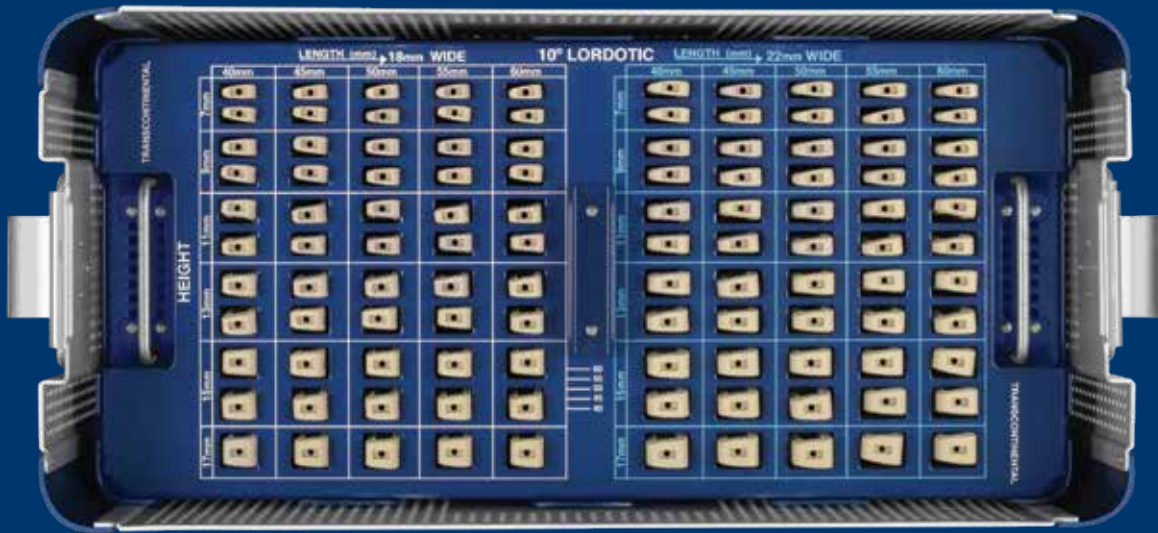
TransContinental® 10° LORDOTIC IMPLANT SET



TransContinental® 10° Lordotic Implant Set 975.924

Part No.	Description	Qty	Part No.	Description	Qty
375.067	TransContinental® Spacer, 18mm Wide, Small, 10°, 7mm	2	375.377	TransContinental® Spacer, 22mm Wide, Medium, 10°, 17mm	1
375.069	TransContinental® Spacer, 18mm Wide, Small, 10°, 9mm	2	375.467	TransContinental® Spacer, 18mm Wide, Large, 10°, 7mm	2
375.071	TransContinental® Spacer, 18mm Wide, Small, 10°, 11mm	2	375.469	TransContinental® Spacer, 18mm Wide, Large, 10°, 9mm	2
375.073	TransContinental® Spacer, 18mm Wide, Small, 10°, 13mm	2	375.471	TransContinental® Spacer, 18mm Wide, Large, 10°, 11mm	2
375.075	TransContinental® Spacer, 18mm Wide, Small, 10°, 15mm	2	375.473	TransContinental® Spacer, 18mm Wide, Large, 10°, 13mm	2
375.077	TransContinental® Spacer, 18mm Wide, Small, 10°, 17mm	1	375.475	TransContinental® Spacer, 18mm Wide, Large, 10°, 15mm	2
375.167	TransContinental® Spacer, 22mm Wide, Small, 10°, 7mm	2	375.477	TransContinental® Spacer, 18mm Wide, Large, 10°, 17mm	1
375.169	TransContinental® Spacer, 22mm Wide, Small, 10°, 9mm	2	375.567	TransContinental® Spacer, 22mm Wide, Large, 10°, 7mm	2
375.171	TransContinental® Spacer, 22mm Wide, Small, 10°, 11mm	2	375.569	TransContinental® Spacer, 22mm Wide, Large, 10°, 9mm	2
375.173	TransContinental® Spacer, 22mm Wide, Small, 10°, 13mm	2	375.571	TransContinental® Spacer, 22mm Wide, Large, 10°, 11mm	2
375.175	TransContinental® Spacer, 22mm Wide, Small, 10°, 15mm	2	375.573	TransContinental® Spacer, 22mm Wide, Large, 10°, 13mm	2
375.177	TransContinental® Spacer, 22mm Wide, Small, 10°, 17mm	1	375.575	TransContinental® Spacer, 22mm Wide, Large, 10°, 15mm	2
375.267	TransContinental® Spacer, 18mm Wide, Medium, 10°, 7mm	2	375.577	TransContinental® Spacer, 22mm Wide, Large, 10°, 17mm	1
375.269	TransContinental® Spacer, 18mm Wide, Medium, 10°, 9mm	2	375.667	TransContinental® Spacer, 18mm Wide, X-Large, 10°, 7mm	2
375.271	TransContinental® Spacer, 18mm Wide, Medium, 10°, 11mm	2	375.669	TransContinental® Spacer, 18mm Wide, X-Large, 10°, 9mm	2
375.273	TransContinental® Spacer, 18mm Wide, Medium, 10°, 13mm	2	375.671	TransContinental® Spacer, 18mm Wide, X-Large, 10°, 11mm	2
375.275	TransContinental® Spacer, 18mm Wide, Medium, 10°, 15mm	2	375.673	TransContinental® Spacer, 18mm Wide, X-Large, 10°, 13mm	2
375.277	TransContinental® Spacer, 18mm Wide, Medium, 10°, 17mm	1	375.675	TransContinental® Spacer, 18mm Wide, X-Large, 10°, 15mm	2
375.367	TransContinental® Spacer, 22mm Wide, Medium, 10, 7mm	2	375.677	TransContinental® Spacer, 18mm Wide, X-Large, 10°, 17mm	1
375.369	TransContinental® Spacer, 22mm Wide, Medium, 10°, 9mm	2	375.767	TransContinental® Spacer, 22mm Wide, X-Large, 10°, 7mm	2
375.371	TransContinental® Spacer, 22mm Wide, Medium, 10°, 11mm	2	375.769	TransContinental® Spacer, 22mm Wide, X-Large, 10°, 9mm	2
375.373	TransContinental® Spacer, 22mm Wide, Medium, 10°, 13mm	2	375.771	TransContinental® Spacer, 22mm Wide, X-Large, 10°, 11mm	2
375.375	TransContinental® Spacer, 22mm Wide, Medium, 10°, 15mm	2	375.773	TransContinental® Spacer, 22mm Wide, X-Large, 10°, 13mm	2

TransContinental® 10° LORDOTIC IMPLANT SET (CONT'D)

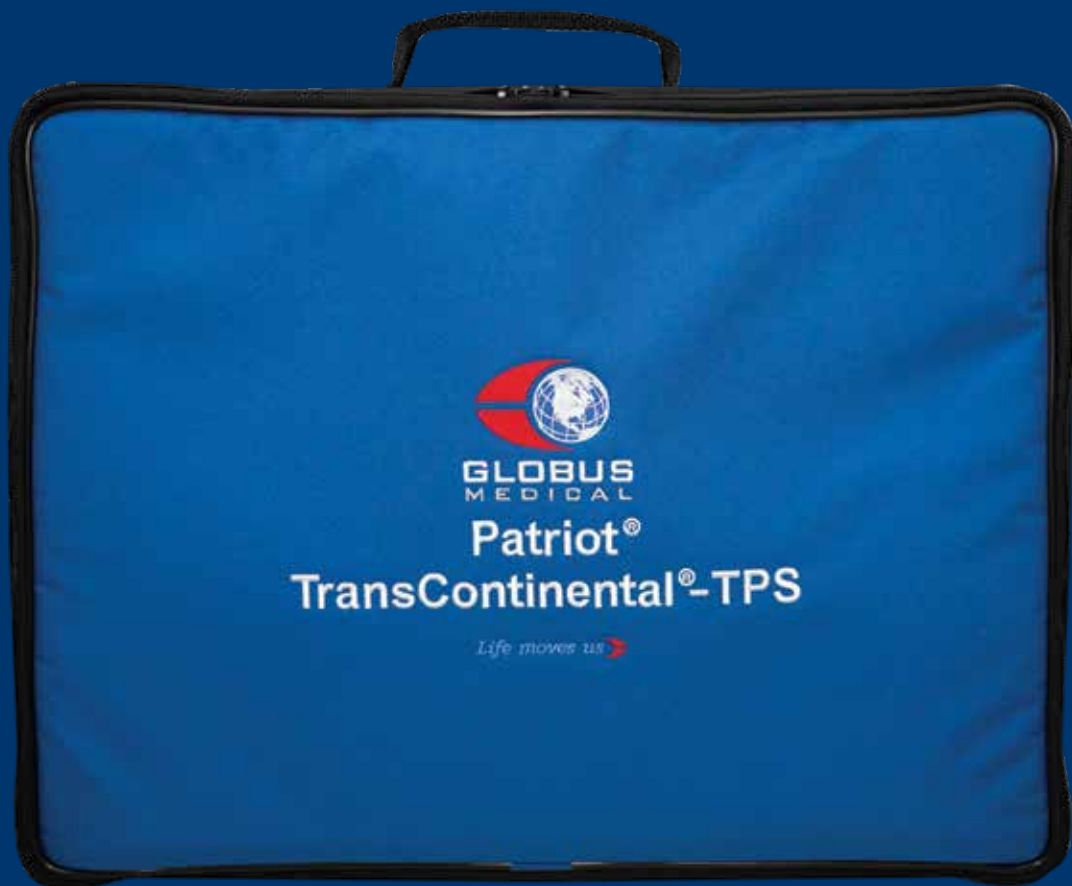


TransContinental®

10° Lordotic Implant Set 975.924 (cont'd)

Part No.	Description	Qty	Part No.	Description	Qty
375.775	TransContinental® Spacer, 22mm Wide, X-Large, 10°, 15mm	2	675.369	TransContinental® 22mm Trial, 10° Lordotic, 9mm	1
375.777	TransContinental® Spacer, 22mm Wide, X-Large, 10°, 17mm	1	675.371	TransContinental® 22mm Trial, 10° Lordotic, 11mm	1
375.867	TransContinental® Spacer, 18mm Wide, X-Small, 10°, 7mm	2	675.373	TransContinental® 22mm Trial, 10° Lordotic, 13mm	1
375.869	TransContinental® Spacer, 18mm Wide, X-Small, 10°, 9mm	2	675.375	TransContinental® 22mm Trial, 10° Lordotic, 15mm	1
375.871	TransContinental® Spacer, 18mm Wide, X-Small, 10°, 11mm	2	675.377	TransContinental® 22mm Trial, 10° Lordotic, 17mm	1
375.873	TransContinental® Spacer, 18mm Wide, X-Small, 10° 13mm	2	675.501	Insertion Sleeve	1
375.875	TransContinental® Spacer, 18mm Wide, X-Small, 10°, 15mm	2	675.522	Insertion Sleeve, 22mm	1
375.877	TransContinental® Spacer, 18mm Wide, X-Small, 10°, 17mm	1	975.024	TransContinental® 10° Lordotic Implant Graphic Case	
375.967	TransContinental® Spacer, 22mm Wide, X-Small, 10°, 7mm	2			
375.969	TransContinental® Spacer, 22mm Wide, X-Small, 10°, 9mm	2			
375.971	TransContinental® Spacer, 22mm Wide, X-Small, 10°, 11mm	2			
375.973	TransContinental® Spacer, 22mm Wide, X-Small, 10°, 13mm	2			
375.975	TransContinental® Spacer, 22mm Wide, X-Small, 10°, 15mm	2			
375.977	TransContinental® Spacer, 22mm Wide, X-Small, 10°, 17mm	1			
675.065	TransContinental® 18mm Trial, 10° Lordotic, 5mm	1			
675.067	TransContinental® 18mm Trial, 10° Lordotic, 7mm	1			
675.069	TransContinental® 18mm Trial, 10° Lordotic, 9mm	1			
675.071	TransContinental® 18mm Trial, 10° Lordotic, 11mm	1			
675.073	TransContinental® 18mm Trial, 10° Lordotic, 13mm	1			
675.075	TransContinental® 18mm Trial, 10° Lordotic, 15mm	1			
675.077	TransContinental® 18mm Trial, 10° Lordotic, 17mm	1			
675.365	TransContinental® 22mm Trial, 10° Lordotic, 5mm	1			
675.367	TransContinental® 22mm Trial, 10° Lordotic, 7mm	1			

TransContinental® TPS IMPLANT SETS



TransContinental® TPS Standard Implant Set 975.952

Part No.	Description	Qty	Part No.	Description	Qty
375.007CS	TransContinental® LLIF TPS Spacer, Small, 0°, 7mm	2	375.617CS	TransContinental® LLIF TPS Spacer, X-Large, 0°, 17mm	1
375.009CS	TransContinental® LLIF TPS Spacer, Small, 0°, 9mm	2	375.707CS	TransContinental® LLIF TPS Spacer, X-Large, 6°, 7mm	2
375.011CS	TransContinental® LLIF TPS Spacer, Small, 0°, 11mm	2	375.709CS	TransContinental® LLIF TPS Spacer, X-Large, 6°, 9mm	2
375.013CS	TransContinental® LLIF TPS Spacer, Small, 0°, 13mm	2	375.711CS	TransContinental® LLIF TPS Spacer, X-Large, 6°, 11mm	2
375.015CS	TransContinental® LLIF TPS Spacer, Small, 0°, 15mm	2	375.713CS	TransContinental® LLIF TPS Spacer, X-Large, 6°, 13mm	2
375.017CS	TransContinental® LLIF TPS Spacer, Small, 0°, 17mm	1	375.715CS	TransContinental® LLIF TPS Spacer, X-Large, 6°, 15mm	2
375.107CS	TransContinental® LLIF TPS Spacer, Small, 6°, 7mm	2	375.717CS	TransContinental® LLIF TPS Spacer, X-Large, 6°, 17mm	1
375.109CS	TransContinental® LLIF TPS Spacer, Small, 6°, 9mm	2	375.807CS	TransContinental® LLIF TPS Spacer, X-Small, 0°, 7mm	2
375.111CS	TransContinental® LLIF TPS Spacer, Small, 6°, 11mm	2	375.809CS	TransContinental® LLIF TPS Spacer, X-Small, 0°, 9mm	2
375.113CS	TransContinental® LLIF TPS Spacer, Small, 6°, 13mm	2	375.811CS	TransContinental® LLIF TPS Spacer, X-Small, 0°, 11mm	2
375.115CS	TransContinental® LLIF TPS Spacer, Small, 6°, 15mm	2	375.813CS	TransContinental® LLIF TPS Spacer, X-Small, 0°, 13mm	2
375.117CS	TransContinental® LLIF TPS Spacer, Small, 6°, 17mm	1	375.815CS	TransContinental® LLIF TPS Spacer, X-Small, 0°, 15mm	2
375.207CS	TransContinental® LLIF TPS Spacer, Medium, 0°, 7mm	2	375.817CS	TransContinental® LLIF TPS Spacer, X-Small, 0°, 17mm	1
375.209CS	TransContinental® LLIF TPS Spacer, Medium, 0°, 9mm	2	375.907CS	TransContinental® LLIF TPS Spacer, X-Small, 6°, 7mm	2
375.211CS	TransContinental® LLIF TPS Spacer, Medium, 0°, 11mm	2	375.909CS	TransContinental® LLIF TPS Spacer, X-Small, 6°, 9mm	2
375.213CS	TransContinental® LLIF TPS Spacer, Medium, 0°, 13mm	2	375.911CS	TransContinental® LLIF TPS Spacer, X-Small, 6°, 11mm	2
375.215CS	TransContinental® LLIF TPS Spacer, Medium, 0°, 15mm	2	375.913CS	TransContinental® LLIF TPS Spacer, X-Small, 6°, 13mm	2
375.217CS	TransContinental® LLIF TPS Spacer, Medium, 0°, 17mm	1	375.915CS	TransContinental® LLIF TPS Spacer, X-Small, 6°, 15mm	2
375.307CS	TransContinental® LLIF TPS Spacer, Medium, 6°, 7mm	2	375.917CS	TransContinental® LLIF TPS Spacer, X-Small, 6°, 17mm	1
375.309CS	TransContinental® LLIF TPS Spacer, Medium, 6°, 9mm	2	975.012	Soft Case Assembly, PATRIOT®, TransContinental® TPS (110 Box)	
375.311CS	TransContinental® LLIF TPS Spacer, Medium, 6°, 11mm	2			
375.313CS	TransContinental® LLIF TPS Spacer, Medium, 6°, 13mm	2			
375.315CS	TransContinental® LLIF TPS Spacer, Medium, 6°, 15mm	2			
375.317CS	TransContinental® LLIF TPS Spacer, Medium, 6°, 17mm	1			
375.407CS	TransContinental® LLIF TPS Spacer, Large, 0°, 7mm	2			
375.409CS	TransContinental® LLIF TPS Spacer, Large, 0°, 9mm	2			
375.411CS	TransContinental® LLIF TPS Spacer, Large, 0°, 11mm	2			
375.413CS	TransContinental® LLIF TPS Spacer, Large, 0°, 13mm	2			
375.415CS	TransContinental® LLIF TPS Spacer, Large, 0°, 15mm	2			
375.417CS	TransContinental® LLIF TPS Spacer, Large, 0°, 17mm	1			
375.507CS	TransContinental® LLIF TPS Spacer, Large, 6°, 7mm	2			
375.509CS	TransContinental® LLIF TPS Spacer, Large, 6°, 9mm	2			
375.511CS	TransContinental® LLIF TPS Spacer, Large, 6°, 11mm	2			
375.513CS	TransContinental® LLIF TPS Spacer, Large, 6°, 13mm	2			
375.515CS	TransContinental® LLIF TPS Spacer, Large, 6°, 15mm	2			
375.517CS	TransContinental® LLIF TPS Spacer, Large, 6°, 17mm	1			
375.607CS	TransContinental® LLIF TPS Spacer, X-Large, 0°, 7mm	2			
375.609CS	TransContinental® LLIF TPS Spacer, X-Large, 0°, 9mm	2			
375.611CS	TransContinental® LLIF TPS Spacer, X-Large, 0°, 11mm	2			
375.613CS	TransContinental® LLIF TPS Spacer, X-Large, 0°, 13mm	2			
375.615CS	TransContinental® LLIF TPS Spacer, X-Large, 0°, 15mm	2			

Implants are sterile packed.

TransContinental® TPS 22 Wide Implant Set 975.954

Part No.	Description	Qty	Part No.	Description	Qty
375.045CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Small, 0°, 7mm	1	375.353CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Medium, 6°, 13mm	2
375.049CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Small, 0°, 9mm	2	375.355CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Medium, 6°, 15mm	2
375.051CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Small, 0°, 11mm	2	375.357CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Medium, 6°, 17mm	1
375.053CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Small, 0°, 13mm	2	375.445CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Large, 0°, 7mm	1
375.055CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Small, 0°, 15mm	2	375.449CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Large, 0°, 9mm	2
375.057CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Small, 0°, 17mm	1	375.451CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Large, 0°, 11mm	2
375.145CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Small, 6°, 7mm	1	375.453CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Large, 0°, 13mm	2
375.149CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Small, 6°, 9mm	2	375.455CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Large, 0°, 15mm	2
375.151CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Small, 6°, 11mm	2	375.457CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Large, 0°, 17mm	1
375.153CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Small, 6°, 13mm	2	375.545CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Large, 6°, 7mm	1
375.155CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Small, 6°, 15mm	2	375.549CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Large, 6°, 9mm	2
375.157CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Small, 6°, 17mm	1	375.551CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Large, 6°, 11mm	2
375.245CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Medium, 0°, 7mm	1	375.553CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Large, 6°, 13mm	2
375.249CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Medium, 0°, 9mm	2	375.555CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Large, 6°, 15mm	2
375.251CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Medium, 0°, 11mm	2	375.557CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Large, 6°, 17mm	1
375.253CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Medium, 0°, 13mm	2	375.645CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Large, 0°, 7mm	1
375.255CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Medium, 0°, 15mm	2	375.649CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Large, 0°, 9mm	2
375.257CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Medium, 0°, 17mm	1	375.651CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Large, 0°, 11mm	2
375.345CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Medium, 6°, 7mm	1	375.653CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Large, 0°, 13mm	2
375.349CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Medium, 6°, 9mm	2	375.655CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Large, 0°, 15mm	2
375.351CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Medium, 6°, 11mm	2			

Implants are sterile packed.

TransContinental® TPS 22 Wide Implant Set 975.954

Part No.	Description	Qty
375.657CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Large, 0°, 17mm	1
375.745CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Large, 6°, 7mm	2
375.749CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Large, 6°, 9mm	1
375.751CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Large, 6°, 11mm	2
375.753CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Large, 6°, 13mm	2
375.755CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Large, 6°, 15mm	2
375.757CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Large, 6°, 17mm	1
375.845CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Small, 0°, 7mm	1
375.849CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Small, 0°, 9mm	2
375.851CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Small, 0°, 11mm	2
375.853CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Small, 0°, 13mm	2
375.855CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Small, 0°, 15mm	2
375.857CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Small, 0°, 17mm	1
375.945CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Small, 6°, 7mm	1
375.949CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Small, 6°, 9mm	2
375.951CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Small, 6°, 11mm	2
375.953CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Small, 6°, 13mm	2
375.955CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Small, 6°, 15mm	2
375.957CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Small, 6°, 17mm	1
975.012	Soft Case Assembly, PATRIOT®, TransContinental® TPS (110 Box)	

Implants are sterile packed.

TransContinental® TPS 10° Implant Set 975.953

Part No.	Description	Qty	Part No.	Description	Qty
375.067CS	TransContinental® LLIF TPS Spacer, 18mm Wide, Small, 10°, 7mm	2	375.371CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Medium, 10°, 11mm	2
375.069CS	TransContinental® LLIF TPS Spacer, 18mm Wide, Small, 10°, 9mm	2	375.373CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Medium, 10°, 13mm	2
375.071CS	TransContinental® LLIF TPS Spacer, 18mm Wide, Small, 10°, 11mm	2	375.375CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Medium, 10°, 15mm	2
375.073CS	TransContinental® LLIF TPS Spacer, 18mm Wide, Small, 10°, 13mm	2	375.377CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Medium, 10°, 17mm	1
375.075CS	TransContinental® LLIF TPS Spacer, 18mm Wide, Small, 10°, 15mm	2	375.467CS	TransContinental® LLIF TPS Spacer, 18mm Wide, Large, 10°, 7mm	2
375.077CS	TransContinental® LLIF TPS Spacer, 18mm Wide, Small, 10°, 17mm	1	375.469CS	TransContinental® LLIF TPS Spacer, 18mm Wide, Large, 10°, 9mm	2
375.167CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Small, 10°, 7mm	2	375.471CS	TransContinental® LLIF TPS Spacer, 18mm Wide, Large, 10°, 11mm	2
375.169CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Small, 10°, 9mm	2	375.473CS	TransContinental® LLIF TPS Spacer, 18mm Wide, Large, 10°, 13mm	2
375.171CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Small, 10°, 11mm	2	375.475CS	TransContinental® LLIF TPS Spacer, 18mm Wide, Large, 10°, 15mm	2
375.173CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Small, 10°, 13mm	2	375.477CS	TransContinental® LLIF TPS Spacer, 18mm Wide, Large, 10°, 17mm	1
375.175CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Small, 10°, 15mm	2	375.567CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Large, 10°, 7mm	2
375.177CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Small, 10°, 17mm	1	375.569CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Large, 10°, 9mm	2
375.267CS	TransContinental® LLIF TPS Spacer, 18mm Wide, Medium, 10°, 7mm	2	375.571CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Large, 10°, 11mm	2
375.269CS	TransContinental® LLIF TPS Spacer, 18mm Wide, Medium, 10°, 9mm	2	375.573CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Large, 10°, 13mm	2
375.271CS	TransContinental® LLIF TPS Spacer, 18mm Wide, Medium, 10°, 11mm	2	375.575CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Large, 10°, 15mm	2
375.273CS	TransContinental® LLIF TPS Spacer, 18mm Wide, Medium, 10°, 13mm	2	375.577CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Large, 10°, 17mm	1
375.275CS	TransContinental® LLIF TPS Spacer, 18mm Wide, Medium, 10°, 15mm	2	375.667CS	TransContinental® LLIF TPS Spacer, 18mm Wide, X-Large, 10°, 7mm	2
375.277CS	TransContinental® LLIF TPS Spacer, 18mm Wide, Medium, 10°, 17mm	1	375.669CS	TransContinental® LLIF TPS Spacer, 18mm Wide, X-Large, 10°, 9mm	2
375.367CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Medium, 10°, 7mm	2	375.671CS	TransContinental® LLIF TPS Spacer, 18mm Wide, X-Large, 10°, 11mm	2
375.369CS	TransContinental® LLIF TPS Spacer, 22mm Wide, Medium, 10°, 9mm	2	375.673CS	TransContinental® LLIF TPS Spacer, 18mm Wide, X-Large, 10°, 13mm	2

TransContinental® TPS 10° Implant Set 975.953

Part No.	Description	Qty
375.675CS	TransContinental® LLIF TPS Spacer, 18mm Wide, X-Large, 10°, 15mm	2
375.677CS	TransContinental® LLIF TPS Spacer, 18mm Wide, X-Large, 10°, 17mm	1
375.767CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Large, 10°, 7mm	2
375.769CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Large, 10°, 9mm	2
375.771CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Large, 10°, 11mm	2
375.773CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Large, 10°, 13mm	2
375.775CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Large, 10°, 15mm	2
375.777CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Large, 10°, 17mm	1
375.867CS	TransContinental® LLIF TPS Spacer, 18mm Wide, X-Small, 10°, 7mm	2
375.869CS	TransContinental® LLIF TPS Spacer, 18mm Wide, X-Small, 10°, 9mm	2
375.871CS	TransContinental® LLIF TPS Spacer, 18mm Wide, X-Small, 10°, 11mm	2
375.873CS	TransContinental® LLIF TPS Spacer, 18mm Wide, X-Small, 10°, 13mm	2
375.875CS	TransContinental® LLIF TPS Spacer, 18mm Wide, X-Small, 10°, 15mm	2
375.877CS	TransContinental® LLIF TPS Spacer, 18mm Wide, X-Small, 10°, 17mm	1
375.967CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Small, 10°, 7mm	2
375.969CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Small, 10°, 9mm	2
375.971CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Small, 10°, 11mm	2
375.973CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Small, 10°, 13mm	2
375.975CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Small, 10°, 15mm	2
375.977CS	TransContinental® LLIF TPS Spacer, 22mm Wide, X-Small, 10°, 17mm	1
975.012	Soft Case Assembly, PATRIOT®, TransContinental® TPS (110 Box)	

Implants are sterile packed.

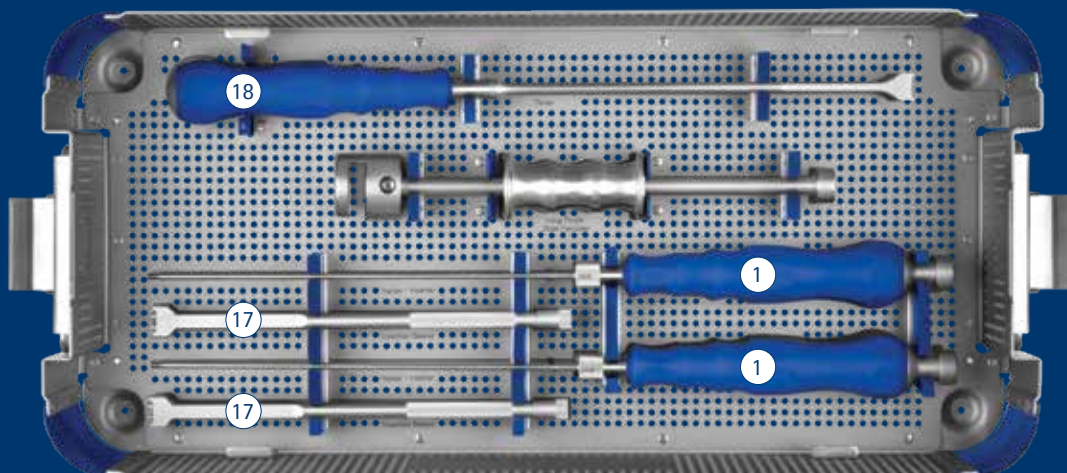
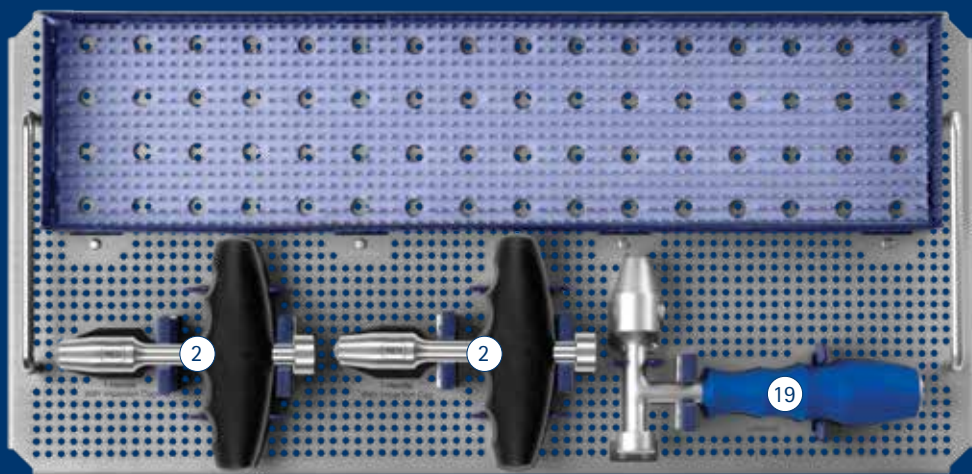
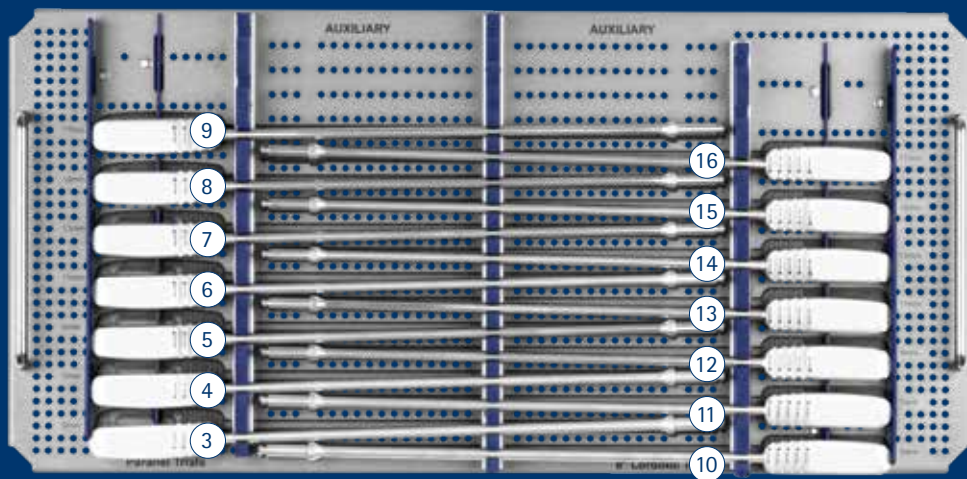
TransContinental® 10° Trial Set 975.956

Instruments	Qty
675.065 TransContinental® 18mm Trial, 10° Lordotic, 5mm	1
675.067 TransContinental® 18mm Trial, 10° Lordotic, 7mm	1
675.069 TransContinental® 18mm Trial, 10° Lordotic, 9mm	1
675.071 TransContinental® 18mm Trial, 10° Lordotic, 11mm	1
675.073 TransContinental® 18mm Trial, 10° Lordotic, 13mm	1
675.075 TransContinental® 18mm Trial, 10° Lordotic, 15mm	1
675.077 TransContinental® 18mm Trial, 10° Lordotic, 17mm	1
675.365 TransContinental® 22mm Trial, 10° Lordotic, 5mm	1
675.367 TransContinental® 22mm Trial, 10° Lordotic, 7mm	1
675.369 TransContinental® 22mm Trial, 10° Lordotic, 9mm	1
675.371 TransContinental® 22mm Trial, 10° Lordotic, 11mm	1
675.373 TransContinental® 22mm Trial, 10° Lordotic, 13mm	1
675.375 TransContinental® 22mm Trial, 10° Lordotic, 15mm	1
675.377 TransContinental® 22mm Trial, 10° Lordotic, 17mm	1
675.501 Insertion Sleeve	1
675.522 Insertion Sleeve, 22mm	1
975.031 Trial Graphic Case Assembly, PATRIOT®, TransContinental® 10° Lordotic	

TransContinental® 22 Wide Trial Set 975.955

Instruments	Qty
675.043 TransContinental® 22mm Trial, Parallel, 5mm	1
675.045 TransContinental® 22mm Trial, Parallel, 7mm	1
675.049 TransContinental® 22mm Trial, Parallel, 9mm	1
675.051 TransContinental® 22mm Trial, Parallel, 11mm	1
675.053 TransContinental® 22mm Trial, Parallel, 13mm	1
675.055 TransContinental® 22mm Trial, Parallel, 15mm	1
675.057 TransContinental® 22mm Trial, Parallel, 17mm	1
675.443 TransContinental® 22mm Trial, 6° Lordotic, 5mm	1
675.445 TransContinental® 22mm Trial, 6° Lordotic, 7mm	1
675.449 TransContinental® 22mm Trial, 6° Lordotic, 9mm	1
675.451 TransContinental® 22mm Trial, 6° Lordotic, 11mm	1
675.453 TransContinental® 22mm Trial, 6° Lordotic, 13mm	1
675.455 TransContinental® 22mm Trial, 6° Lordotic, 15mm	1
675.457 TransContinental® 22mm Trial, 6° Lordotic, 17mm	1
675.522 Insertion Sleeve, 22mm	2
975.030 Trial Graphic Case Assembly, PATRIOT®, TransContinental® 22mm	

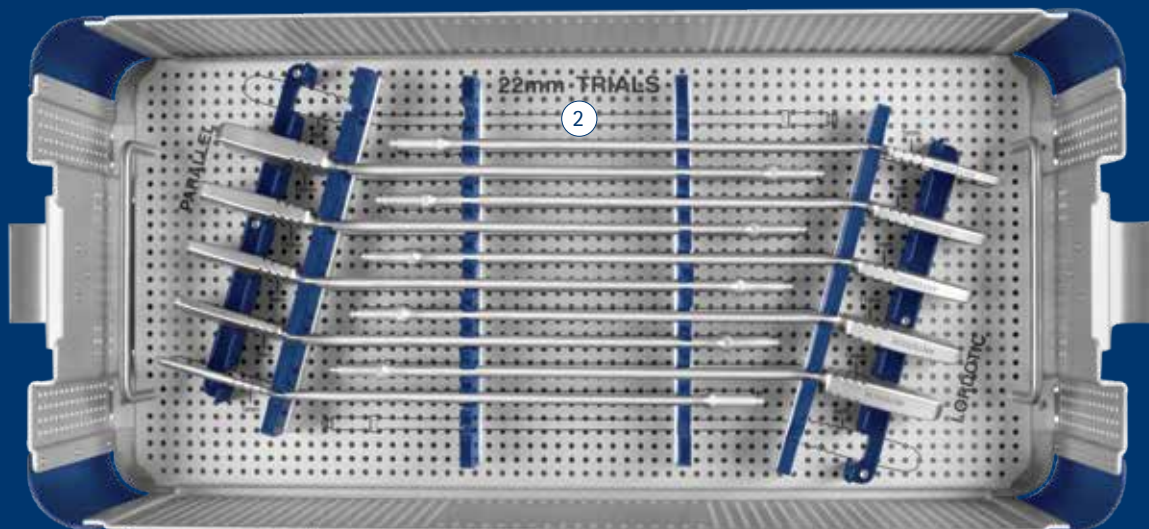
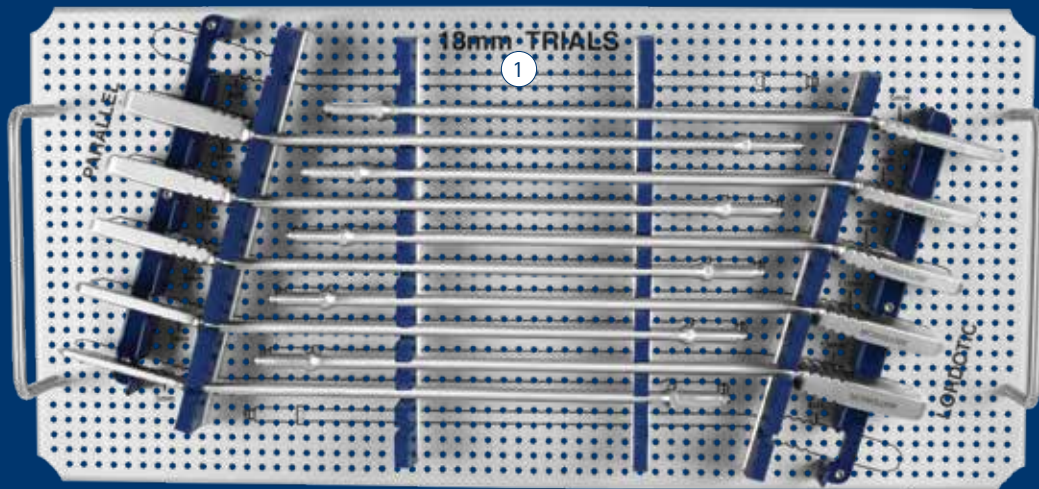
TransContinental® INSERTION INSTRUMENTS SET



TransContinental® Insertion Instruments Set 975.915

	Instruments	Qty
1	664.500 PATRIOT® CONTINENTAL® Holder/Inserter	2
2	675.005 T-Handle with Impaction Cap	2
3	675.006 TransContinental® Trial, Parallel, 5mm	1
4	675.007 TransContinental® Trial, Parallel, 7mm	1
5	675.009 TransContinental® Trial, Parallel, 9mm	1
6	675.011 TransContinental® Trial, Parallel, 11mm	1
7	675.013 TransContinental® Trial, Parallel, 13mm	1
8	675.015 TransContinental® Trial, Parallel, 15mm	1
9	675.017 TransContinental® Trial, Parallel, 17mm	1
10	675.106 TransContinental® Trial, Lordotic, 5mm	1
11	675.107 TransContinental® Trial, Lordotic, 7mm	1
12	675.109 TransContinental® Trial, Lordotic, 9mm	1
13	675.111 TransContinental® Trial, Lordotic, 11mm	1
14	675.113 TransContinental® Trial, Lordotic, 13mm	1
15	675.115 TransContinental® Trial, Lordotic, 15mm	1
16	675.117 TransContinental® Trial, Lordotic, 17mm	1
17	675.501 Insertion Sleeve	2
18	675.502 Tamp	1
19	679.010 L-Handle	1
	975.007 TransContinental® Graphic Case – Insertion	

TransContinental® ANGLED TRIALS SET



TransContinental® Angled Trials Set 975.941

Instruments

Qty

1	675.273	18mm Trial, Angled, Parallel, 5mm	1
	675.275	18mm Trial, Angled, Parallel, 7mm	1
	675.277	18mm Trial, Angled, Parallel, 9mm	1
	675.279	18mm Trial, Angled, Parallel, 11mm	1
	675.281	18mm Trial, Angled, Parallel, 13mm	1
2	675.473	22mm Trial, Angled, Parallel, 5mm	1
	675.475	22mm Trial, Angled, Parallel, 7mm	1
	675.477	22mm Trial, Angled, Parallel, 9mm	1
	675.479	22mm Trial, Angled, Parallel, 11mm	1
	675.481	22mm Trial, Angled, Parallel, 13mm	1
1	675.543	18mm Trial, Angled, Lordotic, 5mm	1
	675.545	18mm Trial, Angled, Lordotic, 7mm	1
	675.547	18mm Trial, Angled, Lordotic, 9mm	1
	675.549	18mm Trial, Angled, Lordotic, 11mm	1
	675.551	18mm Trial, Angled, Lordotic, 13mm	1
2	675.573	22mm Trial, Angled, 6° Lordotic, 5mm	1
	675.575	22mm Trial, Angled, 6° Lordotic, 7mm	1
	675.577	22mm Trial, Angled, 6° Lordotic, 9mm	1
	675.579	22mm Trial, Angled, 6° Lordotic, 11mm	1
	675.581	22mm Trial, Angled, 6° Lordotic, 13mm	1
	975.041	TransContinental® Angled Trials Graphic Case	

Additionally Available

675.083	18mm Trial, Angled, Right Lordotic, 5mm
675.085	18mm Trial, Angled, Right Lordotic, 7mm
675.087	18mm Trial, Angled, Right Lordotic, 9mm
675.089	18mm Trial, Angled, Right Lordotic, 11mm
675.091	18mm Trial, Angled, Right Lordotic, 13mm
675.673	22mm Trial, Angled, Right Lordotic, 5mm
675.675	22mm Trial, Angled, Right Lordotic, 7mm
675.677	22mm Trial, Angled, Right Lordotic, 9mm
675.679	22mm Trial, Angled, Right Lordotic, 11mm
675.681	22mm Trial, Angled, Right Lordotic, 13mm

MARS™ 3VL Retractor Instruments I Set 9133.9001

Instruments

Instruments	Qty
623.003 K-Wire Gripper	1
675.403 Flouro Modulator	1
675.513 8" Suction	1
698.235 Stainless Steel Cannula A	1
698.236 Aluminum Cannula B	1
698.237 Aluminum Cannula C	1
698.238 Aluminum Cannula D	1
698.240 Shim Tool, CC	1
698.260 Screwdriver, 2.5mm Hex	1
698.355 MARS™3V 4th Arm Attachment	1
6133.0001 Incision Locator	1
6133.0100 MARS™3VL Retractor	1
6133.0148 Thumb Hex	1
6133.0150 Socket Driver, 8mm/10mm	2
6133.0230 Retractor Handle	1
6133.0330 Disc Shim Tool	1
6133.0332 Anchor Blade Tool	1
6133.0340 Docking Pin Sleeve	4
6133.0341 Docking Pin, Sleeve, Long	
6133.0357 4th Blade Attachment Bracket	1
6133.0360 Radiolucent Initial Dilator Holder	1
6133.0790 Table Arm Adapter	2
9133.0001 MARS™3VL Retractor Instruments I Graphic Case	

Disposables

Instruments	Qty
6133.0300S Lengthening Shim	2
6133.0305S Widening Shim	2
6133.0310S Docking Pin, 3.3mm, 10mm	2
6133.0311S Docking Pin, 3.75mm, Long, 10mm	
6133.0320S Docking Pin, 3.3mm, 20mm	2
6133.0322S Docking Pin, 3.75mm, Long, 20mm	
6133.0325S Disc Shim, Aluminum	1
6133.0326S Disc Shim, Stainless Steel	
6133.0399S K-Wires, Threaded, Blunt	1
675.405S Bayonnetted Annulotomy Knife	1

Items highlighted in gray are additionally available

MARS™ 3VL Retractor Instruments II, Blades Set 9133.9002

Retractor Blades

Instruments	Qty	Instruments	Qty
6133.1040 Blade, Posterior, 40mm	1	6133.3040 Blade, Left, 40mm	1
6133.1050 Blade, Posterior, 50mm	1	6133.3050 Blade, Left, 50mm	1
6133.1060 Blade, Posterior, 60mm	1	6133.3060 Blade, Left, 60mm	1
6133.1070 Blade, Posterior, 70mm	1	6133.3070 Blade, Left, 70mm	1
6133.1080 Blade, Posterior, 80mm	1	6133.3080 Blade, Left, 80mm	1
6133.1090 Blade, Posterior, 90mm	1	6133.3090 Blade, Left, 90mm	1
6133.1100 Blade, Posterior, 100mm	1	6133.3100 Blade, Left, 100mm	1
6133.1110 Blade, Posterior, 110mm	1	6133.3110 Blade, Left, 110mm	1
6133.1120 Blade, Posterior, 120mm	1	6133.3120 Blade, Left, 120mm	1
6133.1130 Blade, Posterior, 130mm	1	6133.3130 Blade, Left, 130mm	1
6133.1140 Blade, Posterior, 140mm	1	6133.3140 Blade, Left, 140mm	1
6133.1150 Blade, Posterior, 150mm	1	6133.3150 Blade, Left, 150mm	1
6133.1160 Blade, Posterior, 160mm	1	6133.3160 Blade, Left, 160mm	1
6133.1170 Blade, Posterior, 170mm	1	6133.3170 Blade, Left, 170mm	1
6133.1180 Blade, Posterior, 180mm	1	6133.3180 Blade, Left, 180mm	1
6133.1190 Blade, Posterior, 190mm	1	6133.3190 Blade, Left, 190mm	1
6133.1200 Blade, Posterior, 200mm	1	6133.3200 Blade, Left, 200mm	1
6133.2040 Blade, Right, 40mm	1	6133.4060 Anchor Blade, 60mm	1
6133.2050 Blade, Right, 50mm	1	6133.4070 Anchor Blade, 70mm	1
6133.2060 Blade, Right, 60mm	1	6133.4080 Anchor Blade, 80mm	1
6133.2070 Blade, Right, 70mm	1	6133.4090 Anchor Blade, 90mm	1
6133.2080 Blade, Right, 80mm	1	6133.4100 Anchor Blade, 100mm	1
6133.2090 Blade, Right, 90mm	1	6133.4110 Anchor Blade, 110mm	1
6133.2100 Blade, Right, 100mm	1	6133.4120 Anchor Blade, 120mm	1
6133.2110 Blade, Right, 110mm	1	6133.4130 Anchor Blade, 130mm	1
6133.2120 Blade, Right, 120mm	1	6133.4140 Anchor Blade, 140mm	1
6133.2130 Blade, Right, 130mm	1	6133.4150 Anchor Blade, 150mm	1
6133.2140 Blade, Right, 140mm	1	6133.4160 Anchor Blade, 160mm	1
6133.2150 Blade, Right, 150mm	1	6133.4170 Anchor Blade, 170mm	1
6133.2160 Blade, Right, 160mm	1	6133.4180 Anchor Blade, 180mm	1
6133.2170 Blade, Right, 170mm	1	6133.4190 Anchor Blade, 190mm	1
6133.2180 Blade, Right, 180mm	1	6133.4200 Anchor Blade, 200mm	1
6133.2190 Blade, Right, 190mm	1	9133.0002 MARS™ 3VL Retractor Instruments II Graphic Case	
6133.2200 Blade, Right, 200mm	1		

MARS™ 3VL Retractor Instruments III, Mounts Set 9133.9003

Instruments

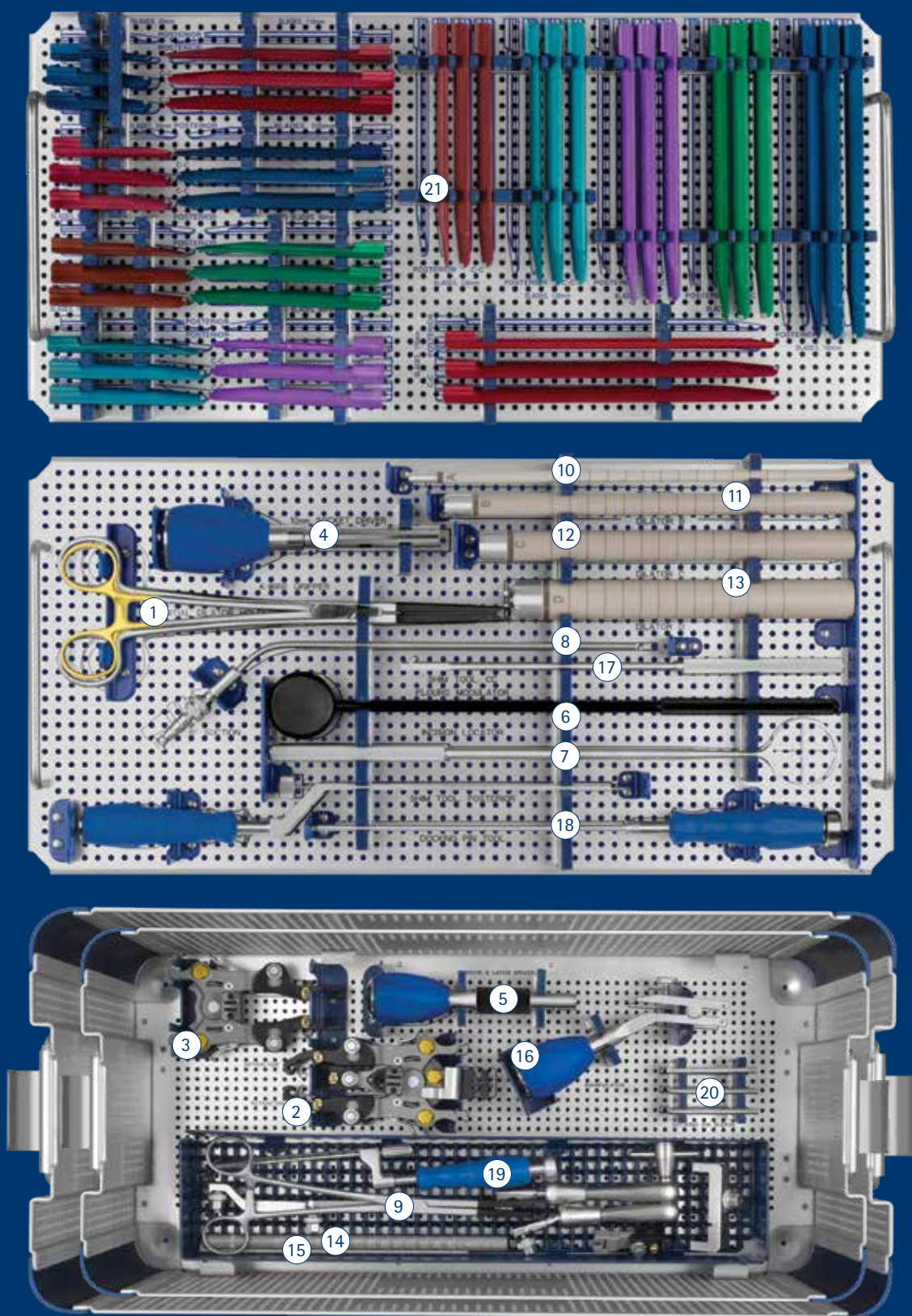
Instruments	Qty
632.300 Fiber-Optic Cord	1
632.305 Adapter, ACMI	1
632.306 Adapter, Wolf	1
632.307 Adapter, Olympus	1
632.308 Adapter, Storz	1
632.505 Table Clamp, Radial	1
632.785 Insulating Bushing	1
6133.0780 Articulating Arm Assembly	1
698.605S Illumination System	1
9133.0003 MARS™ 3VL Retractor Instruments III Graphic Case	

MARS™ 3VL Retractor Instruments IV, 22mm ID Blades Set 9133.9004

Retractor Blades

Instruments	Qty	Instruments	Qty
6133.5040 Blade, 22mm ID, Right, 40mm	1	6133.6040 Blade, 22mm ID, Left, 40mm	1
6133.5050 Blade, 22mm ID, Right, 50mm	1	6133.6050 Blade, 22mm ID, Left, 50mm	1
6133.5060 Blade, 22mm ID, Right, 60mm	1	6133.6060 Blade, 22mm ID, Left, 60mm	1
6133.5070 Blade, 22mm ID, Right, 70mm	1	6133.6070 Blade, 22mm ID, Left, 70mm	1
6133.5080 Blade, 22mm ID, Right, 80mm	1	6133.6080 Blade, 22mm ID, Left, 80mm	1
6133.5090 Blade, 22mm ID, Right, 90mm	1	6133.6090 Blade, 22mm ID, Left, 90mm	1
6133.5100 Blade, 22mm ID, Right, 100mm	1	6133.6100 Blade, 22mm ID, Left, 100mm	1
6133.5110 Blade, 22mm ID, Right, 110mm	1	6133.6110 Blade, 22mm ID, Left, 110mm	1
6133.5120 Blade, 22mm ID, Right, 120mm	1	6133.6120 Blade, 22mm ID, Left, 120mm	1
6133.5130 Blade, 22mm ID, Right, 130mm	1	6133.6130 Blade, 22mm ID, Left, 130mm	1
6133.5140 Blade, 22mm ID, Right, 140mm	1	6133.6140 Blade, 22mm ID, Left, 140mm	1
6133.5150 Blade, 22mm ID, Right, 150mm	1	6133.6150 Blade, 22mm ID, Left, 150mm	1
6133.5160 Blade, 22mm ID, Right, 160mm	1	6133.6160 Blade, 22mm ID, Left, 160mm	1
6133.5170 Blade, 22mm ID, Right, 170mm	1	6133.6170 Blade, 22mm ID, Left, 170mm	1
6133.5180 Blade, 22mm ID, Right, 180mm	1	6133.6180 Blade, 22mm ID, Left, 180mm	1
6133.5190 Blade, 22mm ID, Right, 190mm	1	6133.6190 Blade, 22mm ID, Left, 190mm	1
6133.5200 Blade, 22mm ID, Right, 200mm	1	6133.6200 Blade, 22mm ID, Left, 200mm	1
		9133.0004 MARS™ 3VL Retractor Instruments IV Graphic Case	

MARS™ 3V RETRACTOR SET

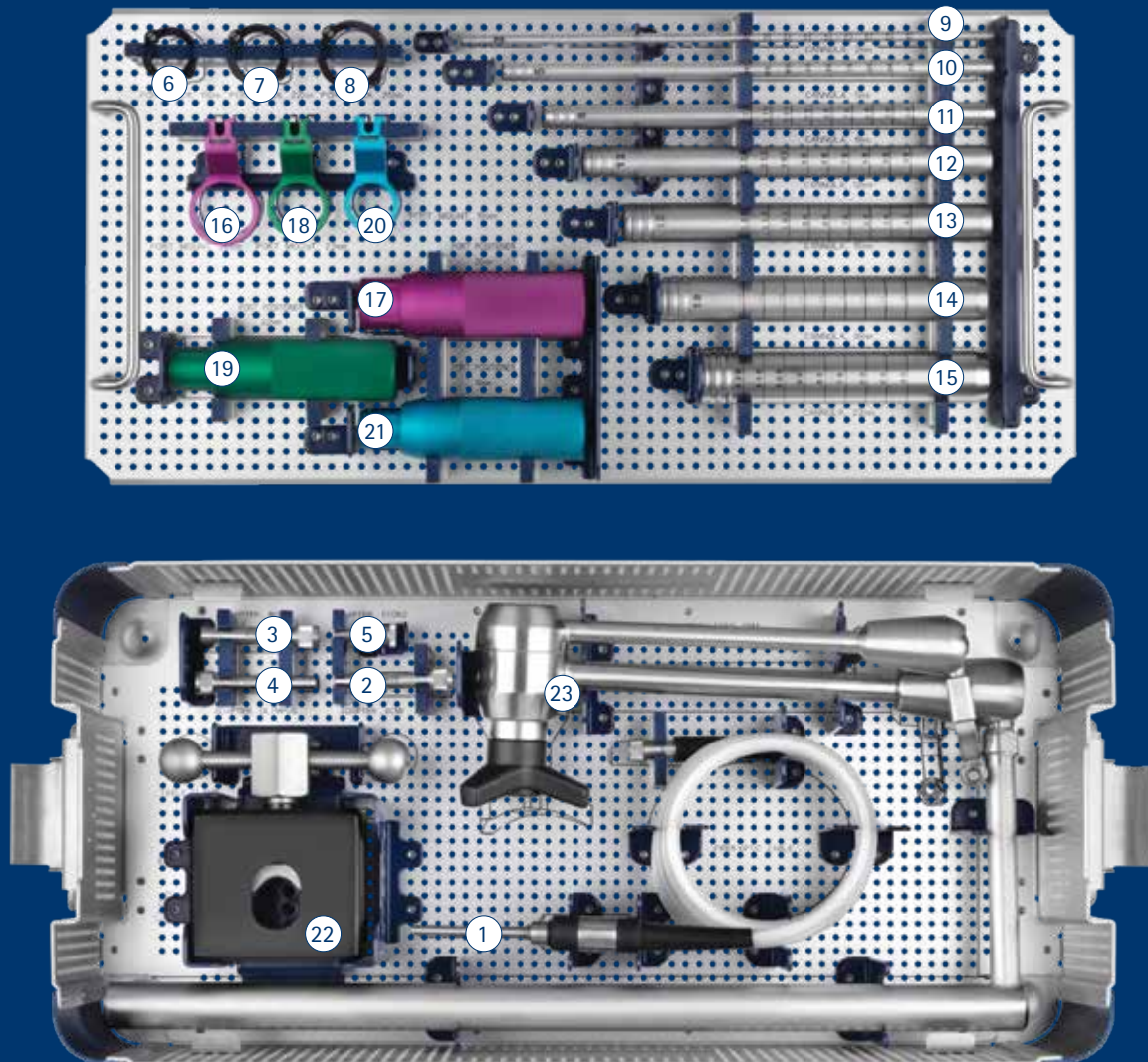


MARS™ 3V Retractor Set 998.901

Instruments			Qty	698.472	Blade, Posterior, 150mm	2
1	623.003	K-Wire Gripper	1	698.474	Blade, Posterior, 160mm	2
2	698.100	3 Blade Retractor	1	698.476	Blade, Posterior, 170mm	2
3	632.102	2 Blade Retractor	1	698.510	Blade, CC, 40mm	2
4	632.150	10mm Socket Driver	1	698.512	Blade, CC, 50mm	2
5	698.250	Hook and Latch Driver, Assembly	1	698.514	Blade, CC, 60mm	2
6	675.403	Flouro Modulator	1	698.516	Blade, CC, 70mm	2
7	675.404	Incision Locator	1	698.518	Blade, CC, 80mm	2
8	675.513	8" Suction	1	698.520	Blade, CC, 90mm	2
9	675.800	Radiolucent Initial Dilator Holder	1	698.522	Blade, CC, 100mm	2
10	698.205	Insulated Cannula A	1	698.524	Blade, CC, 110mm	2
11	698.210	Insulated Cannula B	1	698.526	Blade, CC, 120mm	2
12	698.215	Insulated Cannula C	1	698.528	Blade, CC, 130mm	2
13	698.220	Insulated Cannula D	1	698.530	Blade, CC, 140mm	2
14	698.206	2 Blade Dilator B	1	698.532	Blade, CC, 150mm	2
15	698.207	2 Blade Dilator C	1	698.534	Blade, CC, 160mm	2
16	698.230	Retractor Handle Assembly	1	698.536	Blade, CC, 170mm	2
17	698.240	Shim Tool, CC	1			
18	698.260	Screwdriver, 2.5mm Hex	1	Disposables Qty		
19	698.330	Disc Shim Tool	1	698.600S	MARS™3V Disposable Kit	1
20	698.350	Docking Pin Sleeve	4	698.300S	Lengthening Shim	2
				698.305S	Widening Shim	2
21	Retractor Blades		Qty	698.310S	Docking Pin, 10mm	2
	698.450	Blade, Posterior, 40mm	2	698.315S	Docking Pin, 20mm	2
	698.452	Blade, Posterior, 50mm	2	698.325S	Disc Shim, Aluminum	1
	698.454	Blade, Posterior, 60mm	2	675.399S	K-Wires	
	698.456	Blade, Posterior, 70mm	2	675.701S	Insulated Probe, 4"	
	698.458	Blade, Posterior, 80mm	2	698.326S	Disc Shim, Stainless Steel	
	698.460	Blade, Posterior, 90mm	2	698.605S	Illumination System	
	698.462	Blade, Posterior, 100mm	2	698.355	4th Arm Attachment	
	698.464	Blade, Posterior, 110mm	2	698.255	Retractor Belt	
	698.466	Blade, Posterior, 120mm	2	698.356	Attachment Bracket	
	698.468	Blade, Posterior, 130mm	2	698.357	Blade Attachment	
	698.470	Blade, Posterior, 140mm	2	Items highlighted in gray are additionally available		

Items highlighted in gray are additionally available

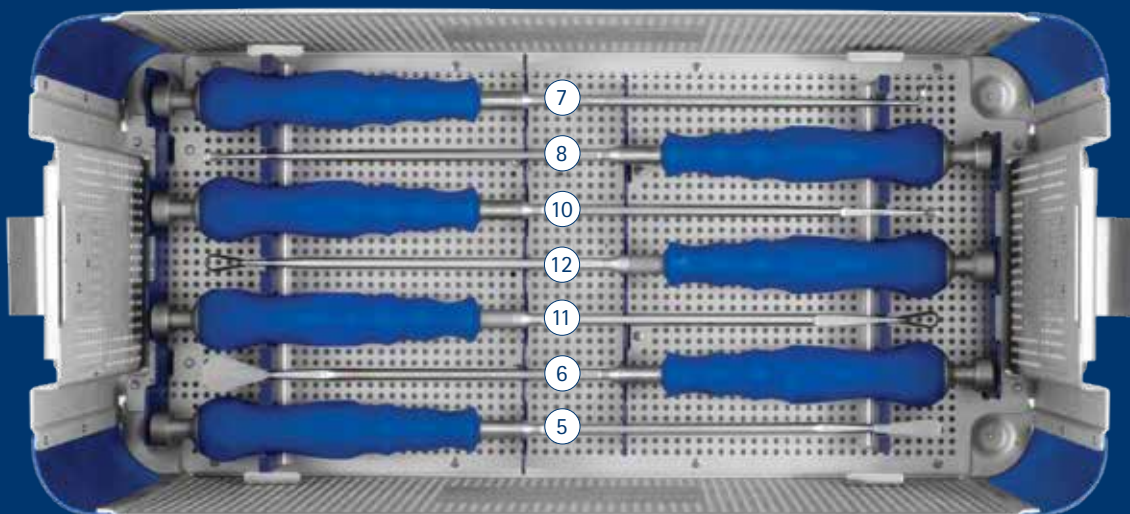
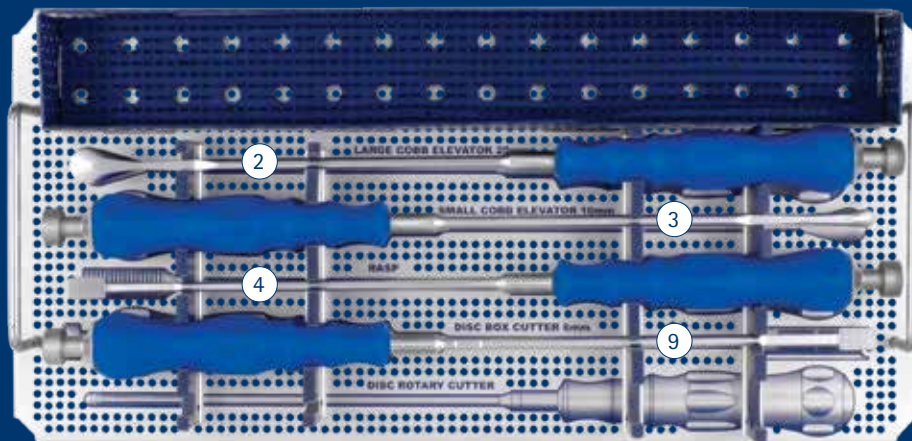
MARS™ INSTRUMENT II SET



MARS™ Instrument II Set 932.902

	Instruments	Qty
1	632.300 Fiber-Optic Cord	1
2	632.305 Adapter, ACMI	1
3	632.306 Adapter, Wolf	1
4	632.307 Adapter, Olympus	1
5	632.308 Adapter, Storz	1
6	632.390 Port Lock, 19mm	1
7	632.391 Port Lock, 22mm	1
8	632.392 Port Lock, 26mm	1
9	632.401 2mm Cannula	1
10	632.402 5mm Cannula	1
11	632.403 8mm Cannula	1
12	632.404 12mm Cannula	1
13	632.405 15mm Cannula	1
14	632.406 18mm Cannula	1
15	632.407 22mm Cannula	1
16	632.408 26mm Port Mount	1
17	632.409 26mm Port Positioner	1
18	632.410 22mm Port Mount	1
19	632.411 22mm Port Positioner	1
20	632.412 19mm Port Mount	1
21	632.413 19mm Port Positioner	1
22	632.500 Table Clamp	1
23	632.750 Articulating Arm Assembly	1
	932.002 MARS™ Instrument II Graphic Case	

LATERAL DISC PREP INSTRUMENT SET



Lateral Disc Prep Instrument Set 975.914

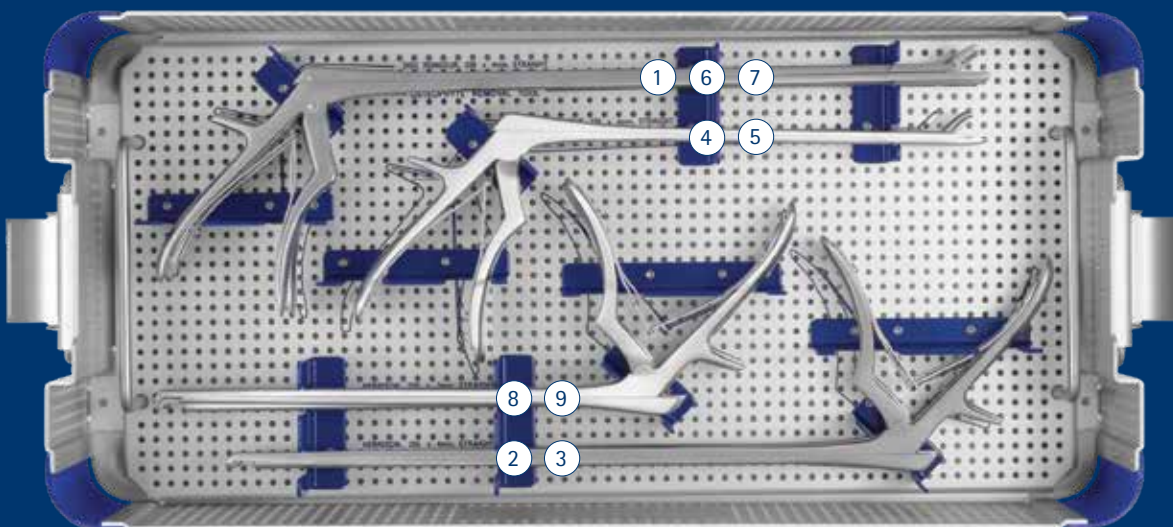
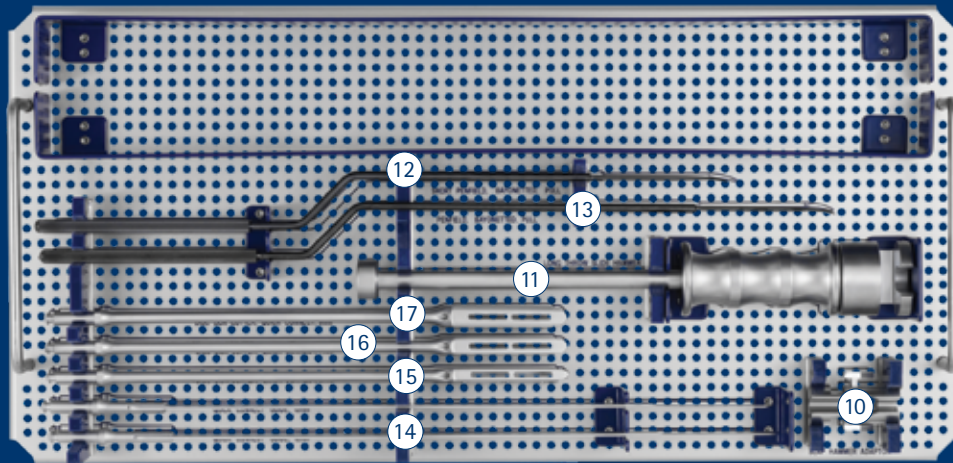
	Instruments	Qty
1	675.005 T-Handle with Impaction Cap	2
2	675.503 Large Cobb Elevator	1
3	675.504 Small Cobb Elevator	1
4	675.510 Thin Rasp, 12x20mm	1
5	675.515 Cobb, 10mm, 7° Up-Angled	1
6	675.516 Cobb, 20mm, 7° Up-Angled	1
7	675.518 Ring Curette, 10mm, Straight	1
8	675.519 Ring Curette, 10mm, 7deg Up-Angle Tip	1
9	675.520 Double Rasp	1
10	675.525 Cup Curette, 6.5x9.5mm, Straight	1
11	675.526 Cup Curette, 6.5x9.5mm, 15° Up-Angle	1
12	675.527 Cup Curette, 6.5x9.5mm, 90° Down-Angle	1
13	675.605 Scraper, 5mm	1
	675.607 Scraper, 7mm	1
	675.609 Scraper, 9mm	1
	675.611 Scraper, 11mm	1
	675.613 Scraper, 13mm	1
	675.615 Scraper, 15mm	1
	675.617 Scraper, 17mm	1
	675.855 Paddle Distractor, 5mm	1
	675.857 Paddle Distractor, 7mm	1
	675.859 Paddle Distractor, 9mm	1
	675.861 Paddle Distractor, 11mm	1
	675.863 Paddle Distractor, 13mm	1
	975.008 TransContinental® Graphic Case - Disc Prep	

Additionally Available

675.170S Bipolar Forceps Bayonetted, Straight

675.171S Bipolar Forceps Bayonetted, Angled

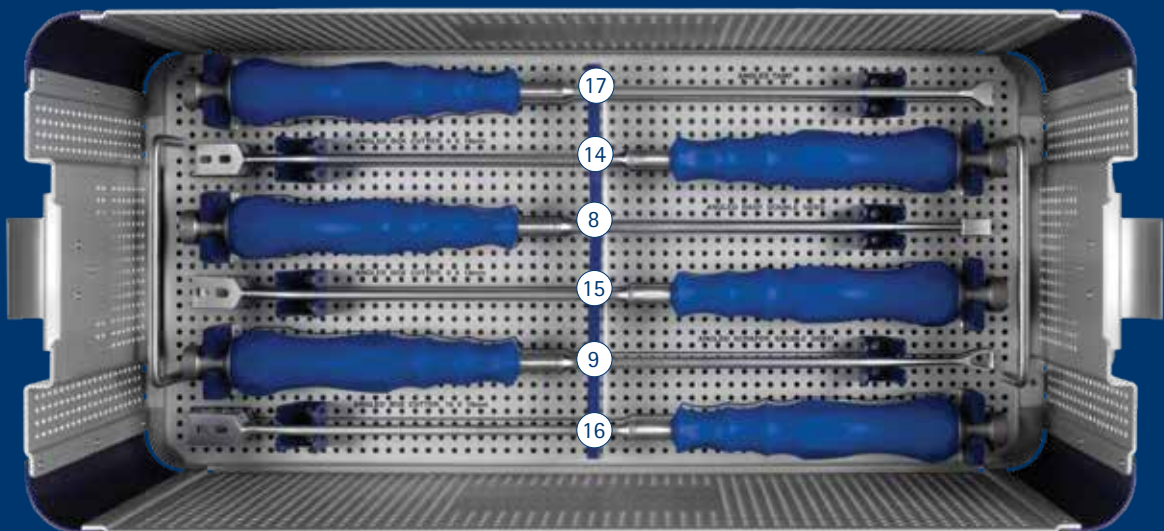
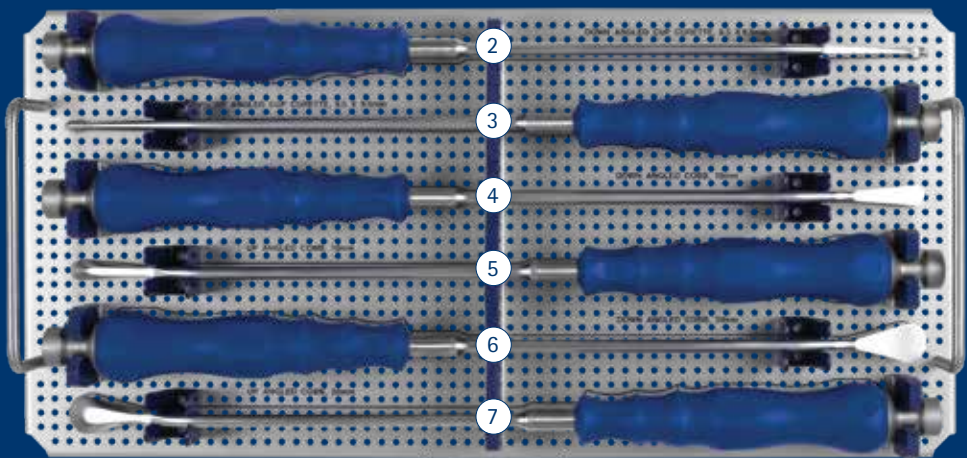
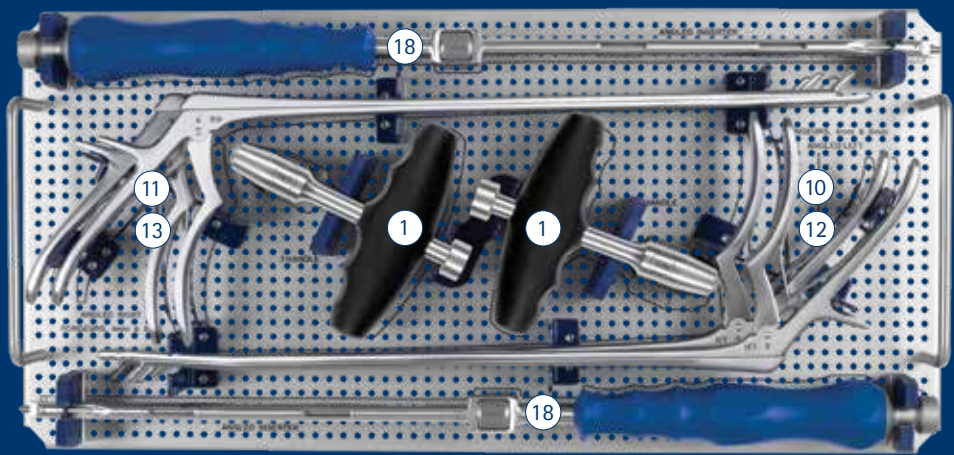
LATERAL DISC PREP II INSTRUMENT SET



Lateral Disc Prep II Instrument Set 975.917

	Instruments	Qty
1	6105.2016 Osteophyte Removal Tool	1
2	625.202 Kerrison, 4mm	1
3	625.203 Kerrison, 6mm	1
4	625.305 Disc Rongeur, 4mm	1
5	625.307 Disc Rongeur, 6mm	1
6	626.240 Disc Rongeur, 250x4mm, Straight	1
7	626.241 Disc Rongeur, 250x6mm, Straight	1
8	626.250 Kerrison, 250x3mm, Straight	1
9	626.252 Kerrison, 250x5mm, Straight	1
10	675.002 Slap Hammer Adaptor	1
11	675.004 Long Throw Slide Hammer	1
12	675.173 Penfield, Bayonnetted, Pull	1
13	675.174 Penfield #4, Pull, 190mm	1
14	675.201 Quick-Connect Guide, 12mm	2
15	675.533 Disc Box Cutter, 5mm	1
16	675.534 Disc Box Cutter, 7mm	1
17	675.535 Disc Box Cutter, 9mm	1
	975.017 LLIF Disc Prep II Graphic Case	

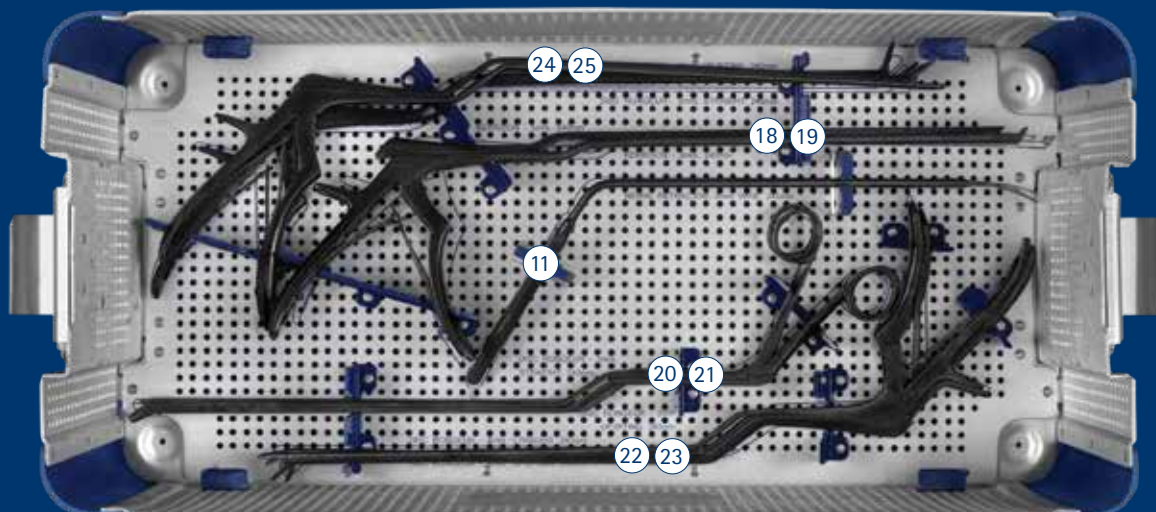
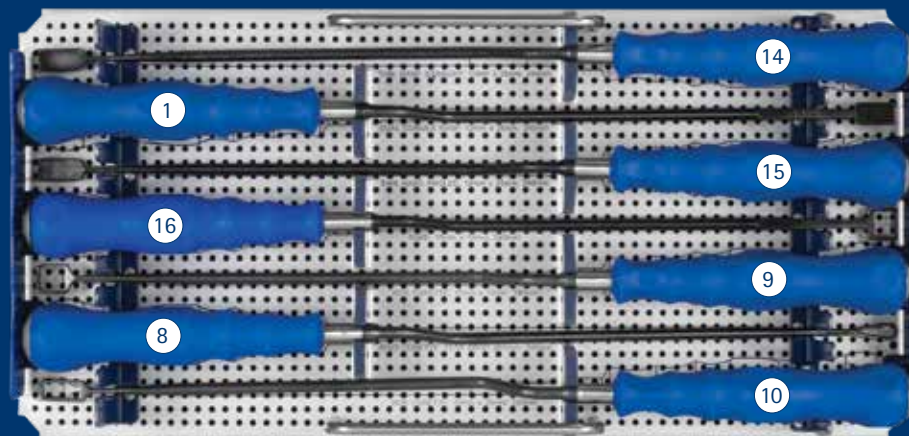
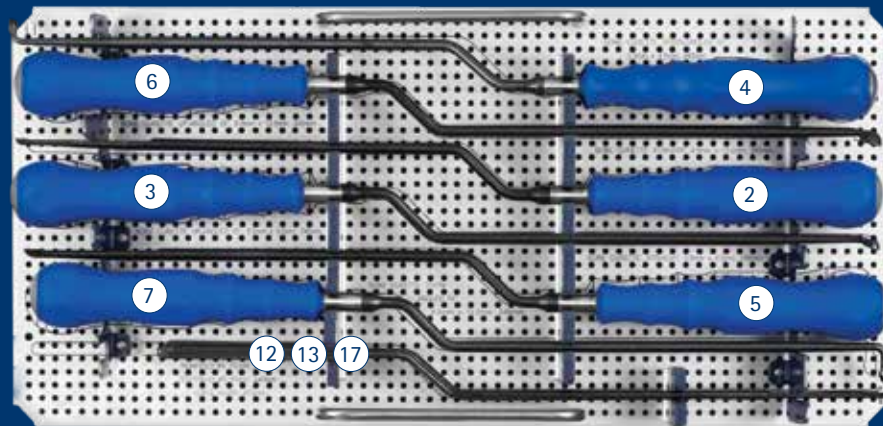
LATERAL ANGLED DISC PREP INSTRUMENT SET



Lateral Angled Disc Prep Instrument Set 975.940

Instruments			Qty
1	675.005	T-Handle with Impaction Cap	2
2	675.330	Cup, Curette, Angled, 6.5x9.5mm, Down	1
3	675.331	Cup, Curette, Angled, 6.5x9.5mm, Up	1
4	675.334	Cobb, Angled, 10mm, Down	1
5	675.335	Cobb, Angled, 10mm, Up	1
6	675.336	Cobb, Angled, 20mm, Down	1
7	675.337	Cobb, Angled, 20mm, Up	1
8	675.338	Double Sided Rasp, Angled	1
9	675.339	Double Sided Scraper, Angled	1
10	675.340	Rongeur, Angled, Left, 4mm	1
11	675.341	Rongeur, Angled Right, 4mm	1
12	675.342	Rongeur, Angled Left, 6mm	1
13	675.343	Rongeur, Angled Right, 6mm	1
14	675.344	Box Cutter, Angled, 6x18mm	1
15	675.345	Box Cutter, Angled, 8x18mm	1
16	675.346	Box Cutter, Angled, 10x18mm	1
17	675.347	Tamp, Angled	1
18	675.980	Angled Inserter	2
	975.040	Lateral Angled Disc Prep Graphic Case	

BAYONETTED DISC PREP INSTRUMENT SET



Bayonetted Disc Prep Instrument Set 975.923

Instruments		Qty
1	675.128 Dual Convex Rasp, Bayonetted	1
2	675.131 Bone Curette, Bayonetted, Small	1
3	675.132 Bone Curette, Bayonetted, Up-Angled, Small	1
4	675.133 Bone Curette, Bayonetted, 90°, Small	1
5	675.139 Bone Curette, Bayonetted, Large	1
6	675.140 Bone Curette, Bayonetted, Up-Angled, Large	1
7	675.141 Bone Curette, Bayonetted, 90°, Large	1
8	675.148 Ring Curette, Bayonetted, Up Angled	1
9	675.151 Box Curette, Bayonetted, Up Angled, Wide	1
10	675.154 Box Curette, Bayonetted, Up Angled, Narrow	1
11	675.162 Nerve Retractor	1
12	675.172 Penfield, Bayonetted, Push	1
13	675.173 Penfield, Bayonetted, Pull	1
14	675.182 Thin Rasp, Bayonetted, Straight	1
15	675.183 Thin Rasp, Bayonetted, Angled	1
16	675.185 Rake, Bayonetted	1
17	675.186 Nerve Hook, Bayonetted	1
18	675.305 Kerrison, Bayonetted, 3mm	1
19	675.306 Kerrison, Bayonetted, 5mm	1
20	675.316 Disc Rongeur, Bayonetted, 2mm, Straight	1
21	675.317 Disc Rongeur, Bayonetted, 2mm, Up	1
22	675.318 Disc Rongeur, Bayonetted, 4mm, Straight	1
23	675.319 Disc Rongeur, Bayonetted, 4mm, Up	1
24	675.320 Disc Rongeur, Bayonetted, 6mm, Straight	1
25	675.321 Disc Rongeur, Bayonetted, 6mm, Up	1
	975.023 Bayonetted Lateral Instruments Graphic Case	

IMPORTANT INFORMATION ON MARS™

DESCRIPTION

MARS™ (Minimal Access Retractor System) is a comprehensive retractor, ports and instrument system that provides efficient access to posterior lumbar spine. MARS™ and MARS™ 3V consists of a retractor frame, blades, disposable ports, silicone sleeves, light cables and associated manual surgical instruments. The blades and ports are available in several designs to accommodate individual patient anatomy.

The MARS™ and MARS™ 3V instruments are made from aluminum and stainless steel as specified in ASTM B221-02 and F899-02. The ports are made from radiolucent polymer (PEEK) as specified in ASTM F2026.

CLEANING

Cleaning instructions by hand, when properly carried out, causes less damage than mechanical cleaning. When cleaning instruments by hand, the following should be observed:

1. Clear any corners or recesses of all debris. (Note: extra care should be taken to clean out any cannulated areas by using an appropriate cleaning stylet and rinsing immediately.)
2. Remove all traces of blood and other such residues immediately. Do not allow these to dry.
3. The instruments should be submerged (if applicable) and cleaned with a commercially available manual cleaner (i.e. Instraclean from Calgon or Medline High Suds Detergent) prepared according to the manufacturer's recommendation.
4. A soft nylon bristled brush is then used to manually clean the devices while immersed in the cleaning solution. Never use steel brushes or abrasive pads, as these rupture the passive layer of the instrument surface which can lead to corrosion.
5. The instruments should be thoroughly rinsed after cleaning. Distilled water should be used.
6. Dry instruments immediately after cleaning.

STERILIZATION

Instruments that are provided STERILE should be considered sterile unless the packaging has been opened or damaged.

For instruments that are supplied NONSTERILE, sterilization is recommended as follows:

Method	Cycle	Temperature	Exposure Time	Drying Time
Steam	Gravity (Wrapped)	132°C (270°F)	25 Minutes	45 Minutes
Steam	Pre-vacuum (Wrapped) Preconditioning Pulses: 3	132°C (270°F)	15 Minutes	30 Minutes

Cycles should be performed on tray with devices opened for maximum steam penetration.

These parameters are validated to sterilize only these instruments. If other products are added to the sterilizer, the recommended parameters are not valid and new cycle parameters must be established by the user. The autoclave must be properly installed, maintained, and calibrated. Ongoing testing must be performed to confirm inactivation of all forms of viable microorganisms.

The following information is provided by LumitexMD, Inc. for MARS™ Light cable distributed by Globus Medical, Inc.

CAUTION: Federal (USA) law restricts this device to sale by or on the order of a physician.

INFORMATION FOR USE FOR THE MARS™ LIGHT CABLE

DESCRIPTION

The MARS™ Light Cable is a sterile, single use, latex free, plastic fiber optic device intended to bring cool area lighting into deep surgical sites. The MARS™ Light Cable is intended for use with a 300 watt xenon illuminator, using a 4mm fiber optic cable with a female ACMI connector. For best results use a Globus cable by LumitexMD.

INDICATIONS FOR USE

The MARS™ Light Cable is intended for the illumination of surgical procedures, particularly where deep cavities or adjacent tissues limit outside light in the surgical field. It is designed for use in less invasive spinal surgery.

CONTRAINDICATIONS

The MARS™ Light Cable presents no contraindication. However, the user should be familiar with the use of light sources and cables and should take precautions accordingly.

WARNINGS

The MARS™ Light Cable is designed for use with 300 watt xenon illuminators, using a 4mm fiber optic cable. Do not use light sources rated higher than 300 watts, or cables with fiber optic bundles of more than 4mm diameter. Use of higher watt sources or larger diameter cables could result in overheating; causing product failure and patient injury.

Should the MARS™ Light Cable become cut, collect fluid inside, appear broken or damaged in any manner, it should be replaced to minimize risk to the patient.

Do not operate the light source and cable without the MARS™ Light Cable attached. Without the MARS™ Light Cable, the output from the fiberoptic cable is extremely bright, hot and may cause burns, ignite drapes/gowns, or temporarily blind vision.

PRECAUTIONS

Light sources vary widely in emission of visible and infrared energy. As a precautionary measure, we recommend occasionally monitoring connector temperature during first time use with a new light source or lamp; thereafter if needed. As is common with fiber optic equipment, metal portion of connector can become hot to the touch. Use plastic grip as handle. Do not place the metal ring portion of connector directly on the patient's skin.

Because light energy can be absorbed as heat, the entire lit portion (distal end) of the MARS™ Light Cable should not be continuously embedded (i.e. lit surface should not be completely buried) in tissue and held fixed for more than a few minutes at one time.

Each MARS™ Light Cable package contains one MARS™ Light Cable assembly with an integrated adhesive strip and two double-sided adhesive strips. Each adhesive strip includes two paper release liners. Prior to closing the surgical site, all components must be accounted for.

After use, this product may be a potential biohazard. Handle and dispose of in accordance with accepted medical practice and applicable local, state and federal laws and regulations.

DIRECTIONS FOR USE

Attach the MARS™ Light Cable to the Globus Medical MARS™ retractor using the integrated stainless steel clip located on the back of each MARS™ Light Cable.

The MARS™ Light Cable connects to a light source used for head lamps or endoscopes. A fiber optic cable attaches the light source and MARS™ Light Cable. Make sure the MARS™ Light Cable connector is securely attached to the cable. The cable should be in good repair with clean optics. Dirty optics or cables in need of repair can cause excessive heat at the connectors.

Turning down overhead lighting may improve visualization within the surgical site.

Body fluids or debris collecting on the surface of the MARS™ Light Cable may be irrigated or wiped away.

Sterile unless package is opened or damaged. Do not use if package is opened or damaged.

LIMITED WARRANTY

LumitexMD warrants the material conformity of the MARS™ Light Cable to specifications in the product labeling until the earlier of 12 months from shipment to customer or the expiration date of the product, and will repair or replace at LumitexMD option and expense any LumitexMD product that does not meet specifications in all material respects. LUMITEXMD LIABILITY TO CUSTOMER, USER, OR PATIENT IS EXPRESSLY LIMITED TO REPAIR OR REPLACEMENT. LumitexMD expressly disclaims all other warranties, express or implied, including, without limitation, merchantability or fitness for a particular purpose. Please direct any inquiries to Globus Medical.

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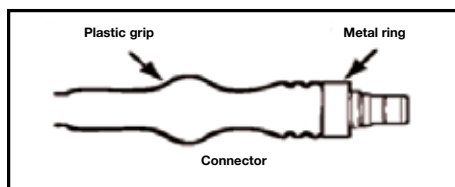
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SYMBOL TRANSLATION			
REF	CATALOGUE NUMBER	STERILE R	STERILIZED BY IRRADIATION
LOT	LOT NUMBER	EC REP	AUTHORISED REPRESENTATIVE IN THE EUROPEAN COMMUNITY
!	CAUTION	MANUFACTURER	MANUFACTURER
⊗	SINGLE USE ONLY	USE BY	USE BY (YYYY-MM-DD)
QTY	QUANTITY		

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IMPORTANT INFORMATION ON THE PATRIOT® LUMBAR SPACER SYSTEM

DESCRIPTION

PATRIOT® Spacers (including CONSTITUTION®, SIGNATURE®, CONTINENTAL®, TransContinental®, and TransContinental® M) are thoracolumbar interbody fusion devices used to provide structural stability in skeletally mature individuals following discectomy. Each of the PATRIOT® spacers provides a different shape to accommodate various surgical approaches to the spine. CONSTITUTION® PLIF Spacers are inserted using a posterior or transforaminal approach. SIGNATURE® TLIF Spacers are inserted using a transforaminal or lateral approach. CONTINENTAL® ALIF Spacers are inserted using an anterior, anterolateral, or lateral approach. TransContinental® and TransContinental® M Spacers are inserted using an anterior, anterolateral, or lateral approach. All approaches may be used in the lumbar spine; only anterior, anterolateral, or lateral approaches may be used in the thoracic spine. The devices are available in various heights and geometric options to fit the anatomical needs of a wide variety of patients. Protrusions on the superior and inferior surfaces of each device grip the endplates of the adjacent vertebrae to resist expulsion. Each spacer has an axial hole to allow grafting material to be packed inside the spacer.

PATRIOT® Spacers are made from radiolucent PEEK polymer (ASTM F2026) with titanium alloy or tantalum markers (ASTM F560). SIGNATURE® R Spacers also include an internal titanium alloy or commercially pure titanium (ASTM F67) component, and TransContinental® M Spacers also include an integrated titanium alloy nut. The SIGNATURE® Ti Spacer is made from titanium alloy or commercially pure titanium. The titanium alloy is TAV (ASTM F136) or TAN (ASTM F1295). PATRIOT® TPS Spacers also have a commercially pure titanium plasma spray coating, as specified in ASTM F67 and F1580.

INDICATIONS

PATRIOT® Spacers (including CONSTITUTION®, SIGNATURE®, CONTINENTAL®, TransContinental®, and TransContinental® M) are interbody fusion devices indicated at one or more levels of the thoracic spine (T1-T12), thoracolumbar junction (T12-L1), or lumbosacral spine (L1-S1) as adjunct to fusion in patients with the following indications: degenerative disc disease (DDD), disc herniation (with myelopathy and/or radiculopathy), spondylolisthesis, deformity (degenerative scoliosis or kyphosis), spinal stenosis, and failed previous fusion (pseudarthrosis). DDD is defined as discogenic back pain with degeneration of the disc as confirmed by history and radiographic studies. These patients should be skeletally mature and have had at least six (6) months of non-operative treatment. PATRIOT® Spacers are to be filled with autograft bone and/or allogenic bone graft composed of cancellous, and/or corticocancellous bone. These devices are intended to be used with supplemental fixation systems that have been cleared for use in the thoracolumbosacral spine (e.g., posterior pedicle screw and rod systems, anterior plate systems, and anterior screw and rod systems). Hyperlordotic interbody devices ($\geq 20^\circ$ lordosis) must be used with at least anterior supplemental fixation. All PATRIOT® TPS coated spacers are indicated for the same use as non-coated PEEK versions.

WARNINGS

One of the potential risks identified with this system is death. Other potential risks which may require additional surgery, include:

- device component fracture,
- loss of fixation,
- non-union,
- fracture of the vertebrae,
- neurological injury, and
- vascular or visceral injury.

Certain degenerative diseases or underlying physiological conditions such as diabetes, rheumatoid arthritis, or osteoporosis may alter the healing process, thereby increasing the risk of implant breakage or spinal fracture.

Patients with previous spinal surgery at the involved level(s) to be treated may have different clinical outcomes compared to those without previous surgery.

Components of this system should not be used with components of any other system or manufacturer.

The components of this system are manufactured from radiolucent PEEK polymer, commercially pure titanium, titanium alloy, and tantalum. Mixing of stainless steel implant components with different materials is not recommended for metallurgical, mechanical, and functional reasons.

These warnings do not include all adverse effects that could occur with surgery in general, but are important considerations particular to orthopedic implants. General surgical risks should be explained to the patient prior to surgery.

Use this device as supplied and in accordance with the handling and use information provided below.

PRECAUTIONS

The implantation of intervertebral fusion devices should be performed only by experienced spinal surgeons with specific training in the use of this system because this is a technically demanding procedure presenting a risk of serious injury to the patient. Preoperative planning and patient anatomy should be considered when selecting implant size.

Surgical implants must never be reused. An explanted implant must never be reimplanted. Even though the device may appear undamaged, it may have small defects and internal stress patterns which could lead to breakage.

Adequately instruct the patient. Mental or physical impairment which compromises or prevents a patient's ability to comply with necessary limitations or precautions may place that patient at a particular risk during postoperative rehabilitation.

For optimal implant performance, the surgeon should consider the levels of implantation, patient weight, patient activity level, other patient conditions, etc., which may impact the performance of the system.

MRI SAFETY INFORMATION



The PATRIOT® Spacers are MR Conditional. A patient with this device can be safely scanned in an MR system meeting the following conditions:

- Static magnetic field of 1.5 Tesla and 3.0 Tesla only
- Maximum spatial field gradient of 3,000 gauss/cm (30 T/m) or less
- Maximum MR system reported, whole body averaged specific absorption rate (SAR) of 1 W/kg

Under the scan conditions defined above, the PATRIOT® Spacers are expected to produce a maximum temperature rise of less than or equal to 3.9°C after 15 minutes of continuous scanning.

The image artifact caused by the device is not expected to extend beyond 35mm from the device when imaged with a gradient echo pulse sequence and a 3.0 Tesla MRI system.

CONTRAINDICATIONS

Use of these devices is contraindicated in patients with the following conditions:

1. Active systemic infection, infection localized to the site of the proposed implantation, or when the patient has a suspected or documented allergy, foreign body sensitivity, or known intolerance to any of the implant materials.
2. Signs of local inflammation.
3. Prior fusion at the level(s) to be treated.
4. Severe osteoporosis, which may prevent adequate fixation.
5. Conditions that may place excessive stresses on bone and implants, such as severe obesity or degenerative diseases, are relative contraindications. The decision whether to use these devices in such conditions must be made by the physician taking into account the risk versus the benefits to the patient.
6. Patients whose activity, mental capacity, mental illness, alcoholism, drug abuse, occupation, or lifestyle may interfere with their ability to follow postoperative restrictions and who may place undue stresses on the implant during bony healing and may be at a higher risk of implant failure.
7. Any patient not willing to cooperate with postoperative instructions.
8. Any condition not described in the indications for use.
9. Fever or leukocytosis.
10. Pregnancy.
11. Any other condition that would preclude the potential benefit of spinal implant surgery, such as the presence of tumors or congenital abnormalities, fracture local to the operating site, elevation of sedimentation rate unexplained by other diseases, elevations of the white blood count (WBC), or a marked left shift in the WBC differential count.
12. Any case not needing a fusion.
13. Patients with a known hereditary or acquired bone friability or calcification problem should not be considered for this type of surgery.
14. These devices must not be used for pediatric cases or where the patient still has general skeletal growth.
15. Spondylolisthesis unable to be reduced to Grade 1.
16. Any case where the implant components selected for use would be too large or too small to achieve a successful result.
17. Any case that requires the mixing of metals from two different components or systems.
18. Any patient having inadequate tissue coverage at the operative site or inadequate bone stock or quality.
19. Any patient in which implant utilization would interfere with anatomical structures or expected physiological performance.

COMPLICATIONS AND POSSIBLE ADVERSE EVENTS

Prior to surgery, patients should be made aware of the following possible adverse effects in addition to the potential need for additional surgery to correct these effects:

- Loosening, bending or breakage of components
- Displacement/migration of device components
- Tissue sensitivity to implant material
- Potential for skin breakdown and/or wound complications
- Non-union or delayed union or mal-union
- Infection
- Nerve damage, including loss of neurological function (sensory and/or motor), paralysis, dysesthesia, hyperesthesia, paresthesia, radiculopathy, reflex deficit, cauda equina syndrome

IMPORTANT INFORMATION ON THE PATRIOT® LUMBAR SPACER SYSTEM

- Dural tears, cerebral spinal fluid leakage
- Fracture of vertebrae
- Foreign body reaction (allergic) to components or debris
- Vascular or visceral injury
- Change in spinal curvature, loss of correction, height and/or reduction
- Urinary retention or loss of bladder control or other types of disorders of the urogenital system
- Ileus, gastritis, bowel obstruction or other types of gastrointestinal system compromise
- Reproductive system compromise including impotence, sterility, loss of consortium and sexual dysfunction.
- Pain or discomfort
- Bursitis
- Decrease in bone density due to stress shielding
- Loss of bone or fracture of bone above or below the level of surgery
- Bone graft donor site pain, fracture, and/or delayed wound healing
- Restriction of activities
- Lack of effective treatment of symptoms for which surgery was intended
- Need for additional surgical intervention
- Death

PACKAGING

These implants and instruments may be supplied pre-packaged and sterile, using gamma irradiation. The integrity of the sterile packaging should be checked to ensure that sterility of the contents is not compromised. Packaging should be carefully checked for completeness and all components should be carefully checked to ensure that there is no damage prior to use. Damaged packages or products should not be used, and should be returned to Globus Medical. During surgery, after the correct size has been determined, remove the products from the packaging using aseptic technique.

The instrument sets are provided nonsterile and are steam sterilized prior to use, as described in the STERILIZATION section below. Following use or exposure to soil, instruments must be cleaned, as described in the CLEANING section below.

HANDLING AND USE

All instruments and implants should be treated with care. Improper use or handling may lead to damage and/or possible malfunction. Products should be checked to ensure that they are in working order prior to surgery. All products should be inspected prior to use to ensure that there is no unacceptable deterioration such as corrosion (i.e. rust, pitting), discoloration, excessive scratches, notches, debris, residue, flaking, wear, cracks, cracked seals, etc. Non-working or damaged instruments should not be used, and should be returned to Globus Medical.

Implants are single use devices and should not be cleaned. Re-cleaning of single use implants might lead to mechanical failure and/or material degradation. Discard any implants that may have been accidentally contaminated.

CLEANING

All instruments that can be disassembled must be disassembled for cleaning. All handles must be detached. Instruments may be reassembled following sterilization. The instruments should be cleaned using neutral cleaners before sterilization and introduction into a sterile surgical field or (if applicable) return of the product to Globus Medical.

Cleaning and disinfecting of instruments can be performed with aldehyde-free solvents at higher temperatures. Cleaning and decontamination must include the use of neutral cleaners followed by a deionized water rinse. Note: certain cleaning solutions such as those containing formalin, glutaraldehyde, bleach and/or other alkaline cleaners may damage some devices, particularly instruments; these solutions should not be used.

The following cleaning methods should be observed when cleaning instruments after use or exposure to soil, and prior to sterilization:

1. Immediately following use, ensure that the instruments are wiped down to remove all visible soil and kept from drying by submerging or covering with a wet towel.
2. Disassemble all instruments that can be disassembled.
3. Rinse the instruments under running tap water to remove all visible soil. Flush the lumens a minimum of 3 times, until the lumens flush clean.
4. Prepare Enzo® (or a similar enzymatic detergent) per manufacturer's recommendations.
5. Immerse the instruments in the detergent and allow them to soak for a minimum of 2 minutes.
6. Use a soft bristled brush to thoroughly clean the instruments. Use a pipe cleaner for any lumens. Pay close attention to hard to reach areas.
7. Using a sterile syringe, draw up the enzymatic detergent solution. Flush any lumens and hard to reach areas until no soil is seen exiting the area.
8. Remove the instruments from the detergent and rinse them in running warm tap water.
9. Prepare Enzo® (or a similar enzymatic detergent) per manufacturer's recommendations in an ultrasonic cleaner.

10. Completely immerse the instruments in the ultrasonic cleaner and ensure detergent is in lumens by flushing the lumens. Sonicate for a minimum of 3 minutes.
11. Remove the instruments from the detergent and rinse them in running deionized water or reverse osmosis water for a minimum of 2 minutes.
12. Dry instruments using a clean soft cloth and filtered pressurized air.
13. Visually inspect each instrument for visible soil. If visible soil is present, then repeat cleaning process starting with Step 3.

CONTACT INFORMATION

Globus Medical may be contacted at 1-866-GLOBUS1 (456-2871). A surgical technique manual may be obtained by contacting Globus Medical.

STERILIZATION

These implants and instruments may be available sterile or nonsterile.

Sterile implants and instruments are sterilized by gamma radiation, validated to ensure a Sterility Assurance Level (SAL) of 10⁻⁶. Sterile products are packaged in a heat sealed, double pouch or container/pouch. The expiration date is provided in the package label. These products are considered sterile unless the packaging has been opened or damaged. Sterile implants and instruments that become nonsterile or have expired packaging are considered nonsterile and may be sterilized according to instructions for nonsterile implants and instruments below. Sterile implants meet pyrogen limit specifications.

Nonsterile implants and instruments have been validated to ensure an SAL of 10⁻⁶. The use of an FDA-cleared wrap is recommended, per the Association for the Advancement of Medical Instrumentation (AAMI) ST79, *Comprehensive Guide to Steam Sterilization and Sterility Assurance in Health Care Facilities*. It is the end user's responsibility to use only sterilizers and accessories (such as sterilization wraps, sterilization pouches, chemical indicators, biological indicators, and sterilization cassettes) that have been cleared by the FDA for the selected sterilization cycle specifications (time and temperature).

When using a rigid sterilization container, the following must be taken into consideration for proper sterilization of Globus devices and loaded graphic cases:

- Recommended sterilization parameters are listed in the table below.
- Only FDA-cleared rigid sterilization containers for use with pre-vacuum steam sterilization may be used.
- When selecting a rigid sterilization container, it must have a minimum filter area of 176 in² total, or a minimum of four (4) 7.5in diameter filters.
- No more than one (1) loaded graphic case or its contents can be placed directly into a rigid sterilization container.
- Stand-alone modules/racks or single devices must be placed, without stacking, in a container basket to ensure optimal ventilation.
- The rigid sterilization container manufacturer's instructions for use are to be followed; if questions arise, contact the manufacturer of the specific container for guidance.
- Refer to AAMI ST79 for additional information concerning the use of rigid sterilization containers.

For implants and instruments provided NONSTERILE, sterilization is recommended (wrapped or containerized) as follows:

Method	Cycle Type	Temperature	Exposure Time	Drying Time
Steam	Pre-vacuum	132°C (270°F)	4 minutes	30 minutes

These parameters are validated to sterilize only this device. If other products are added to the sterilizer, the recommended parameters are not valid and new cycle parameters must be established by the user. The sterilizer must be properly installed, maintained, and calibrated. Ongoing testing must be performed to confirm inactivation of all forms of viable microorganisms.

CAUTION: Federal (U.S.A.) Law Restricts this Device to Sale by or on the Order of a Physician.

SYMBOL TRANSLATION			
	CATALOGUE NUMBER		STERILIZED BY IRRADIATION
	LOT NUMBER		AUTHORISED REPRESENTATIVE IN THE EUROPEAN COMMUNITY
	CAUTION		MANUFACTURER
	SINGLE USE ONLY		USE BY (YYYY-MM-DD)
	QUANTITY		PRESCRIPTION USE ONLY



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