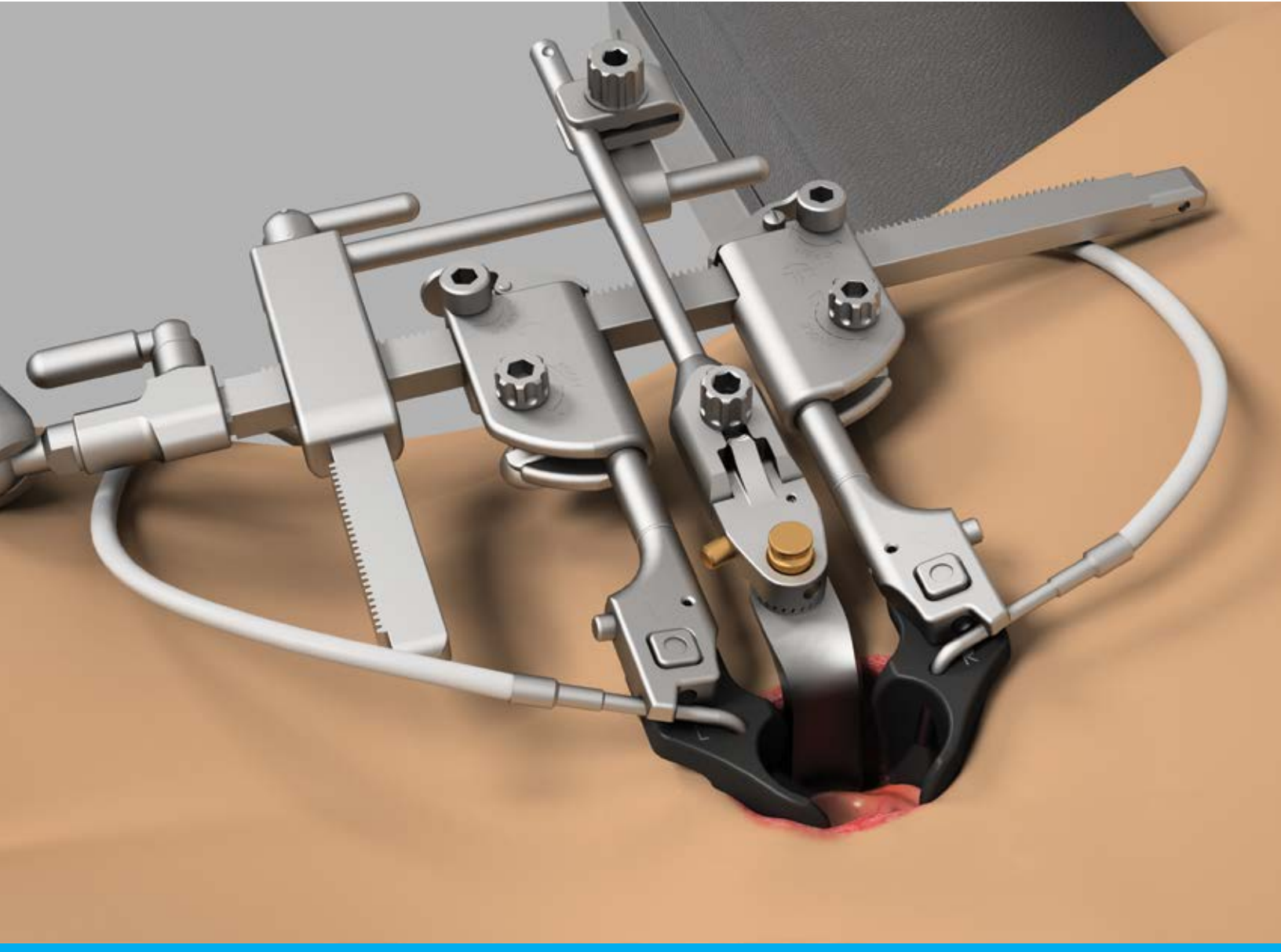


Thompson Retractor

Uncompromised Exposure™



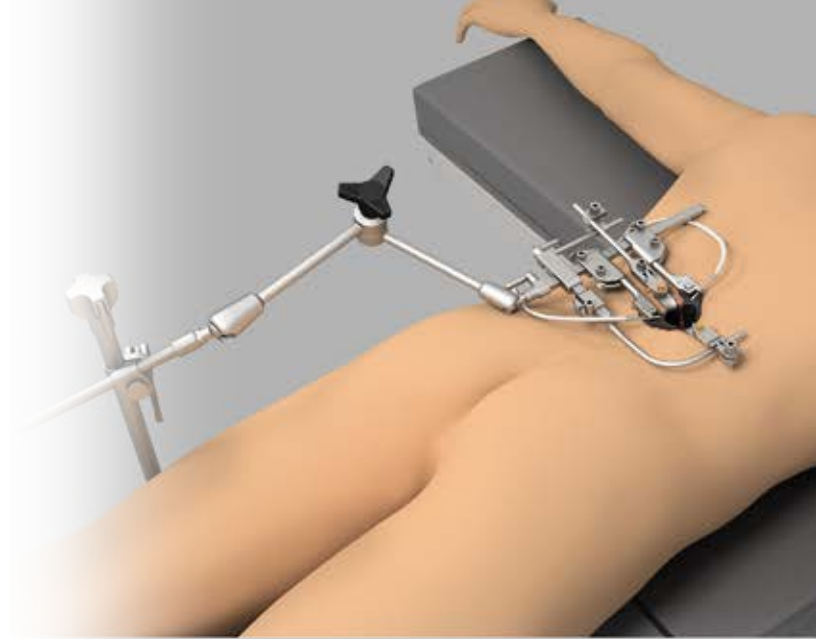
MIS PLA® System Selection Guide

MIS Tubular - Split Tube - Mini-Open

MIS Posterior Lumbar Access

Uncompromised MIS and Mini-Open Posterior Lumbar Exposure

The MIS Posterior Lumbar Access (PLA®) System allows spine surgeons to accomplish minimal access with maximum visualization. Utilizing a versatile frame platform, the system provides flexible, independent retraction and angling from all directions while also providing controlled and stable exposure.



The MIS PLA® System provides excellent exposure for Transforaminal Lumbar Interbody Fusion, Posterior Lumbar Interbody Fusion, Decompression, and Pedicle Screw Fixation.



MIS Tubular Exposure

- Low profile, simple set up
- Tubular or split tube visualization
- Integrated lighting eliminates the need for a headlamp



3 or 4 blade Mini-Open Exposure

- Independent attachments
- Create three or four blade exposures
- Achieve lateral visualization



Blade Selection

- Black radiolucent Caudal / Cephalad blades reduce glare and improve visualization
- Medial and Lateral blades with Lips or Teeth prevent muscle creep & expand exposure
- Hooks (optional add-on) are ideal for medial side

i SYSTEM NOTICE

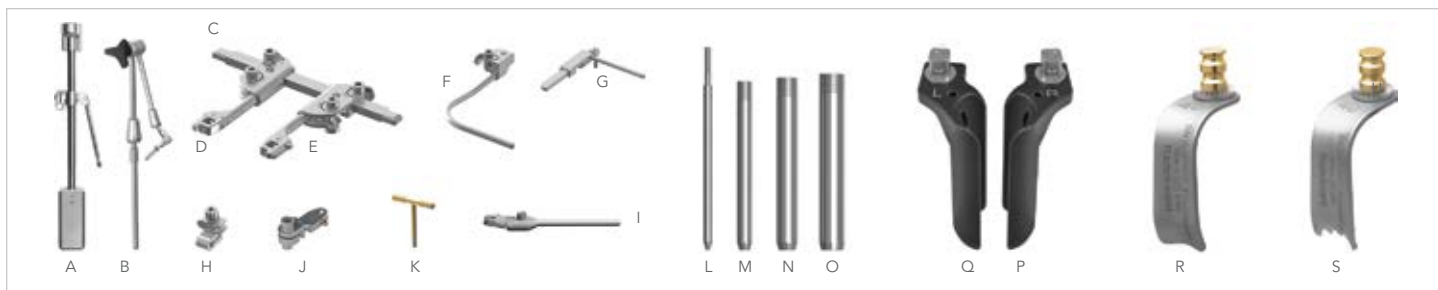
Add-On Kit available:

PLA® Midline Blade Add-On Kit #81024, pages 4 - 5

i NOTICE:

LED Light Source (#LLS-2000-2) required for MIS Retractor Lite LED.

MIS PLA® System Components



MIS PLA® SYSTEM

#SL82021

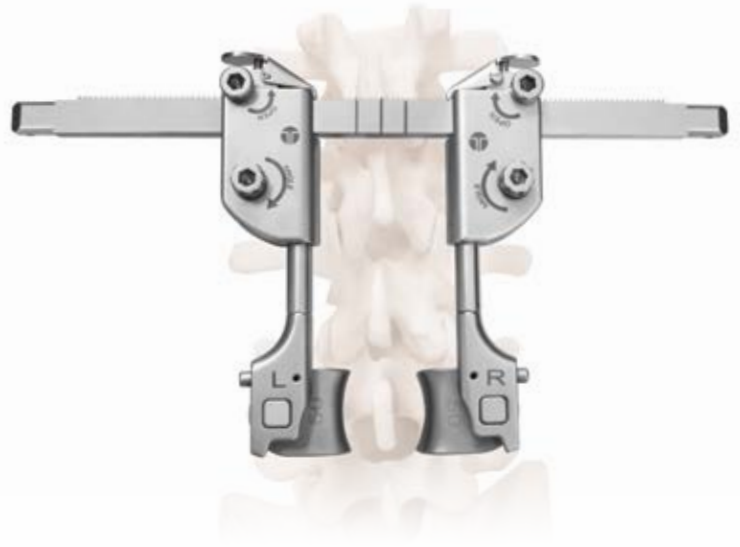
REF	QTY	ITEM DESCRIPTION	PART #
A	1	Elite II Rail Clamp with 1 Joint 16"	41902ACL
B	1	MIS Spine Frame Articulating Arm	42138N
C	1	MIS Spine Frame Rack 200mm	60010
D	1	MIS Spine Frame Left Arm	60009
E	1	MIS Spine Frame Right Arm	60008
F	1	MIS Spine Frame U-Bar Add On	47212
G	1	MIS Spine Frame L-Bar Add On	47213
H	1	¼" Side Clip x ¼" Slide w/Thumb Screw	47205T
I	1	S-Lock Quick Angle Handle 6"	SL45003G
J	1	S-Lock Interchangeable Head with ¼" Scissor	SL45012S
K	2	T-Handle	60020
	1	Instrument Case - MIS Spine Frame	50000MSF
L	1	Dilator #1 - 7mm	45831
M	1	Dilator #2 - 12mm	45832
N	1	Dilator #3 - 17mm	45833
O	1	Dilator #4 - 21mm	45834
P	1	Caudal/Cephalad Right 22mm x 40mm	45924R
Q	1	Caudal/Cephalad Left 22mm x 40mm	45924L
	1	Caudal/Cephalad Right 22mm x 50mm	45925R
	1	Caudal/Cephalad Left 22mm x 50mm	45925L
	1	Caudal/Cephalad Right 22mm x 60mm	45926R
	1	Caudal/Cephalad Left 22mm x 60mm	45926L
	1	Caudal/Cephalad Right 22mm x 70mm	45927R
	1	Caudal/Cephalad Left 22mm x 70mm	45927L
	1	Caudal/Cephalad Right 22mm x 80mm	45928R
	1	Caudal/Cephalad Left 22mm x 80mm	45928L
	1	Caudal/Cephalad Right 22mm x 90mm	45929R
	1	Caudal/Cephalad Left 22mm x 90mm	45929L

REF	QTY	ITEM DESCRIPTION	PART #
	1	Caudal/Cephalad Right 22mm x 100mm	45930R
	1	Caudal/Cephalad Left 22mm x 100mm	45930L
	1	Caudal/Cephalad Right 22mm x 110mm	45931R
	1	Caudal/Cephalad Left 22mm x 110mm	45931L
	1	Caudal/Cephalad Right 22mm x 120mm	45932R
	1	Caudal/Cephalad Left 22mm x 120mm	45932L
R	1	PLA Medial/Lateral w/Lip 40mm	SL46704AT
	1	PLA Medial/Lateral w/Lip 50mm	SL46705AT
	1	PLA Medial/Lateral w/Lip 60mm	SL46706AT
	1	PLA Medial/Lateral w/Lip 70mm	SL46707AT
	1	PLA Medial/Lateral w/Lip 80mm	SL46708AT
	1	PLA Medial/Lateral w/Lip 90mm	SL46709AT
	1	PLA Medial/Lateral w/Lip 100mm	SL46710AT
	1	PLA MMedial/Lateral w/Lip 110mm	SL46711AT
	1	PLA Medial/Lateral w/Lip 120mm	SL46712AT
S	1	PLA M/L w/Fine Teeth 13½mm x 40mm	SL46604ATT
	1	PLA M/L w/Fine Teeth 13½mm x 50mm	SL46605ATT
	1	PLA M/L w/Fine Teeth 13½mm x 60mm	SL46606ATT
	1	PLA M/L w/Fine Teeth 13½mm x 70mm	SL46607ATT
	1	PLA M/L w/Fine Teeth 13½mm x 80mm	SL46608ATT
	1	PLA M/L w/Fine Teeth 13½mm x 90mm	SL46609ATT
	1	PLA M/L w/Fine Teeth 13½mm x 100mm	SL46610ATT
	1	PLA M/L w/Fine Teeth 13½mm x 110mm	SL46611ATT
	1	PLA M/L w/Fine Teeth 13½mm x 120mm	SL46612ATT
	1	Instrument Case	50000PLA
	1	PLA MIS Retractor Lite LED	40002MIS
	1	LED Light Source	LLS-2000-2

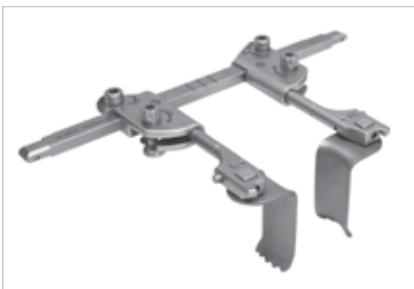
PLA® Midline Blades

Adapt Your PLA System for Midline or Muscle-Splitting Approaches

The PLA Midline Blade Kit offers the ability to add flat blades to the MIS Spine Frame. Ideal for all single-level midline posterior lumbar procedures such as laminectomies, fusions, microdiscectomies, or insertion of pedicle screws.



Radiolucent midline blades are offered in 22mm and 27mm widths to accommodate different patient anatomies and procedures.



Excellent Lumbar Exposure

Add flat midline blades to the MIS Spine Frame for midline or paraspinous muscle-splitting approaches to the posterior lumbar spine.



Simple and Easy Set Up

Simply add two or four midline blades to the MIS Spine Frame for Uncompromised Exposure.



Four Blade Option

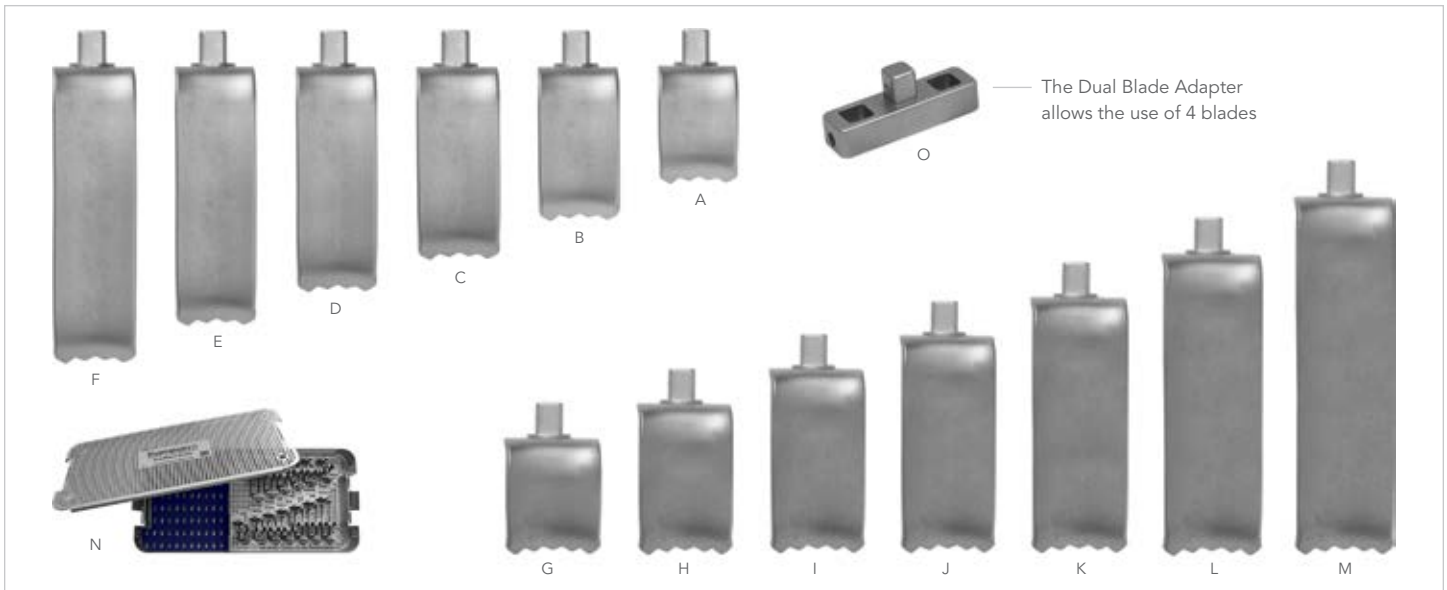
Add the MIS Spine Frame Dual Blade Adapter to MIS Spine Frame Arms to enable multiple level exposure by using 4 Midline blades at a time.

(2 required for use.)



NOTICE:

PLA® Midline Blades are compatible only with the MIS Spine Frame, and will not work with standard Thompson handles.



PLA MIDLINE BLADE KIT

#81024

REF	QTY	ITEM DESCRIPTION	PART #
A	2	22mm x 30mm	45973
B	2	22mm x 40mm	45974
C	2	22mm x 50mm	45975
D	2	22mm x 60mm	45976
E	2	22mm x 70mm	45977
F	2	22mm x 80mm	45978
G	2	27mm x 30mm	45984
H	2	27mm x 40mm	45985
I	2	27mm x 50mm	45986
J	2	27mm x 60mm	45987
K	2	27mm x 70mm	45988
L	2	27mm x 80mm	45989
M	2	27mm x 90mm	45990
N	1	Instrument Case - PLA Midline Blades	50000ML

DUAL BLADE ADAPTER

REF	ITEM DESCRIPTION	PART #
O	MIS Spine Frame Dual Blade Adapter *	60015

* 2 required for use.



NOTICE:

Additional PLA® Midline Blade sizes available, page 7.



Caudal / Cephalad

Left and Right black radiolucent blades reduce glare and improve visualization. Compatible with MIS PLA® System only.

CAUDAL / CEPHALAD BLADES

ITEM DESCRIPTION	LEFT PART #
Radiolucent R 22mm x 40mm (7/8" x 1 1/2")	45924R
Radiolucent L 22mm x 40mm (7/8" x 1 1/2")	45924L
Radiolucent R 22mm x 50mm (7/8" x 2")	45925R
Radiolucent L 22mm x 50mm (7/8" x 2")	45925L
Radiolucent R 22mm x 60mm (7/8" x 2 3/8")	45926R
Radiolucent L 22mm x 60mm (7/8" x 2 3/8")	45926L
Radiolucent R 22mm x 70mm (7/8" x 2 3/4")	45927R
Radiolucent L 22mm x 70mm (7/8" x 2 3/4")	45927L
Radiolucent R 22mm x 80mm (7/8" x 3 1/8")	45928R
Radiolucent L 22mm x 80mm (7/8" x 3 1/8")	45928L
Radiolucent R 22mm x 90mm (7/8" x 3 1/2")	45929R
Radiolucent L 22mm x 90mm (7/8" x 3 1/2")	45929L
Radiolucent R 22mm x 100mm (7/8" x 4")	45930R
Radiolucent L 22mm x 100mm (7/8" x 4")	45930L
Radiolucent R 22mm x 110mm (7/8" x 4 3/8")	45931R
Radiolucent L 22mm x 110mm (7/8" x 4 3/8")	45931L
Radiolucent R 22mm x 120mm (7/8" x 4 3/4")	45932R
Radiolucent L 22mm x 120mm (7/8" x 4 3/4")	45932L



Medial / Lateral

Prevent muscle creep & expand exposure.

MEDIAL / LATERAL BLADES WITH LIP

ITEM DESCRIPTION	PART #
Radiolucent 13.5mm x 40mm (1/2" x 1 1/2")	SL46704AT
Radiolucent 13.5mm x 50mm (1/2" x 2")	SL46705AT
Radiolucent 13.5mm x 60mm (1/2" x 2 3/8")	SL46706AT
Radiolucent 13.5mm x 70mm (1/2" x 2 3/4")	SL46707AT
Radiolucent 13.5mm x 80mm (1/2" x 3 1/8")	SL46708AT
Radiolucent 13.5mm x 90mm (1/2" x 3 1/2")	SL46709AT
Radiolucent 13.5mm x 100mm (1/2" x 4")	SL46710AT
Radiolucent 13.5mm x 110mm (1/2" x 4 3/8")	SL46711AT
Radiolucent 13.5mm x 120mm (1/2" x 4 3/4")	SL46712AT

MEDIAL / LATERAL BLADES WITH FINE TEETH

ITEM DESCRIPTION	PART #
Radiolucent 13.5mm x 40mm (1/2" x 1 1/2")	SL46604ATT
Radiolucent 13.5mm x 50mm (1/2" x 2")	SL46605ATT
Radiolucent 13.5mm x 60mm (1/2" x 2 3/8")	SL46606ATT
Radiolucent 13.5mm x 70mm (1/2" x 2 3/4")	SL46607ATT
Radiolucent 13.5mm x 80mm (1/2" x 3 1/8")	SL46608ATT
Radiolucent 13.5mm x 90mm (1/2" x 3 1/2")	SL46609ATT
Radiolucent 13.5mm x 100mm (1/2" x 4")	SL46610ATT
Radiolucent 13.5mm x 110mm (1/2" x 4 3/8")	SL46611ATT
Radiolucent 13.5mm x 120mm (1/2" x 4 3/4")	SL46612ATT



Hook

Hook blades are ideal for medial side.

HOOK BLADES

ITEM DESCRIPTION	PART #
Radiolucent 40mm (1 1/2")	SL45764
Radiolucent 50mm (2")	SL45765
Radiolucent 60mm (2 3/8")	SL45766
Radiolucent 70mm (2 3/4")	SL45767
Radiolucent 80mm (3 1/8")	SL45768
Radiolucent 90mm (3 1/2")	SL45769
Radiolucent 100mm (4")	SL45770
Radiolucent 110mm (4 3/8")	SL45771
Radiolucent 120mm (4 3/4")	SL45772



PLA® Midline

Midline or paraspinal muscle-splitting approaches. Compatible with MIS PLA® System only.

PLA® MIDLINE BLADES

ITEM DESCRIPTION	PART #
Radiolucent 22mm x 30mm (7/8" x 1 1/8")	45973
Radiolucent 22mm x 40mm (7/8" x 1 1/2")	45974
Radiolucent 22mm x 50mm (7/8" x 2")	45975
Radiolucent 22mm x 60mm (7/8" x 2 3/8")	45976
Radiolucent 22mm x 70mm (7/8" x 2 3/4")	45977
Radiolucent 22mm x 80mm (7/8" x 3 1/8")	45978
Radiolucent 22mm x 90mm (7/8" x 3 1/2")	45979
Radiolucent 22mm x 100mm (7/8" x 4")	45980
Radiolucent 22mm x 110mm (7/8" x 4 3/8")	45981
Radiolucent 22mm x 120mm (7/8" x 4 3/4")	45982
Radiolucent 22mm x 130mm (7/8" x 5 1/8")	45983
Radiolucent 27mm x 30mm (1" x 1 1/8")	45984
Radiolucent 27mm x 40mm (1" x 1 1/2")	45985
Radiolucent 27mm x 50mm (1" x 2")	45986
Radiolucent 27mm x 60mm (1" x 2 3/8")	45987
Radiolucent 27mm x 70mm (1" x 2 3/4")	45988
Radiolucent 27mm x 80mm (1" x 3 1/8")	45989
Radiolucent 27mm x 90mm (1" x 3 1/2")	45990
Radiolucent 27mm x 100mm (1" x 4")	45991
Radiolucent 27mm x 110mm (1" x 4 3/8")	45992
Radiolucent 27mm x 120mm (1" x 4 3/4")	45993
Radiolucent 27mm x 130mm (1" x 5 1/8")	45994



PLA® Dual Blade Adapter

Add to MIS Spine Frame Arms to enable multiple level exposure by using 2 PLA Midline Blades per side.

PLA® DUAL BLADE ADAPTER

ITEM DESCRIPTION	PART #
MIS Spine Frame Dual Blade Adapter (2 required for use)	60015

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1.800.227.7543

Rev D
080218
plsg



Uncompromised Exposure™

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Patents: US4971038, US5025780, US5888197, US5897087, US5902233, US5984865, US6033363, US6416465, US6511423, US7338442, US7749163, US8257255, US8360971, US8617064
Other patents pending.

The MIS Retractor Lite LED (#40002MIS) and LED Light Source (#LLS-2000-2) are manufactured by Sunoptic Technologies® and distributed by Thompson Surgical Instruments, Inc.

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