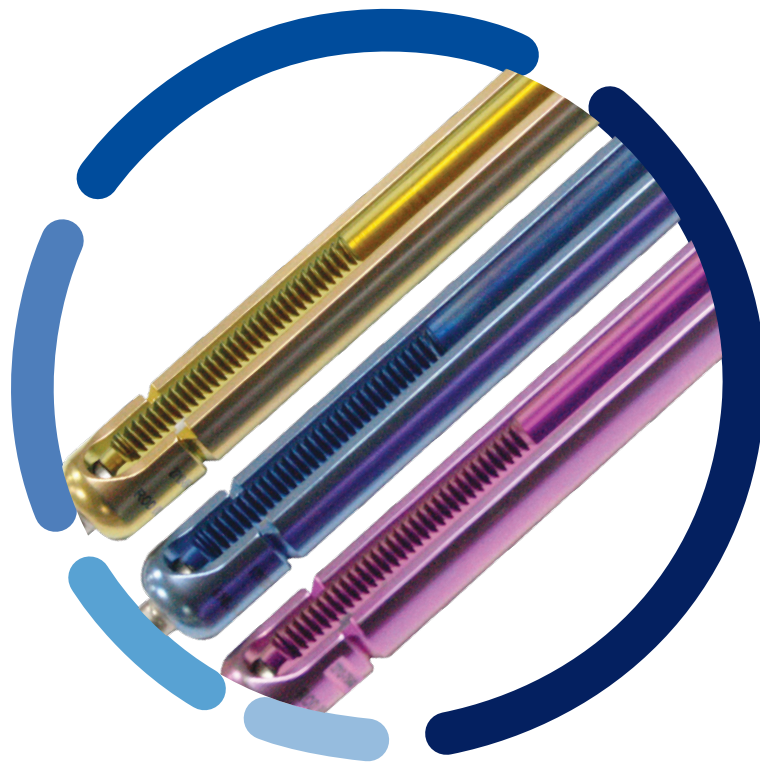


# *PathLoc-L*

Posterior Lumbar Minimally Invasive Surgery  
Screw System



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# *PathLoc-L*

Posterior Lumbar Minimally Invasive Surgery  
Screw System



## Overview

The *PathLoc-L* Posterior Lumbar MIS Screw System is intended to provide immobilization and Stabilization of spinal segments in skeletally mature patients as an adjunct to fusion also it can be used in an open approach and a percutaneous approach with MIS instrumentation

# *PathLoc-L*

## Posterior Lumbar MIS Screw System

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### Features & Benefits

- PathLoc-L is designed to minimize damage to the patient's muscle and soft tissue.
- Wire guided long-sleeve MIS system guarantees less pain and shorter recovery time.
- Internal thread length is 30mm which allows for easy reduction.

### Advantages of MIS Technique

Potential advantages compare to open surgery

- Decreased surgical blood loss
- Decreased post-operative pain
- Decreased need for post-operative pain medication
- Smaller incisions and scars
- Shorter hospital stay
- Minimal soft-tissue destruction and scarring
- Faster return to work and daily activities

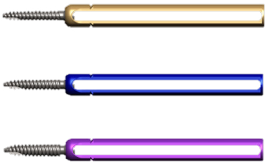



### Indication

These devices are indicated as an adjunct to fusion for all of the following Indications, regardless of the intended use :

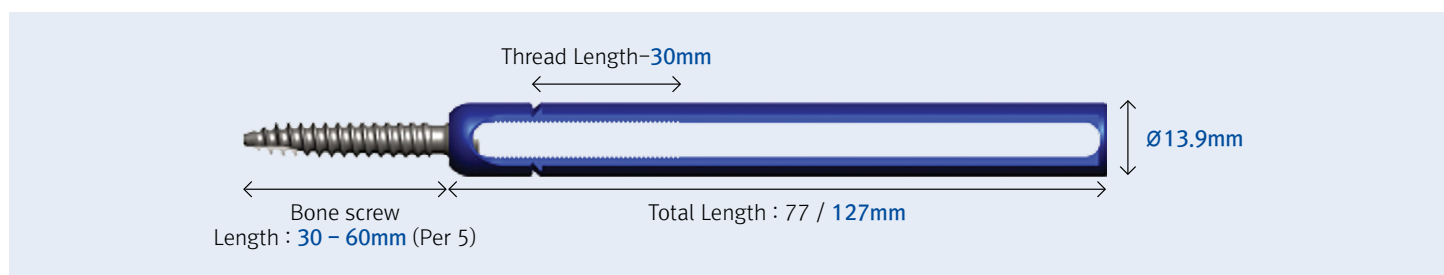
- Degenerative disc disease  
(Defined as discogenic back pain with degeneration of the disc confirmed by history and radiographic studies)
- Spondylolisthesis
- Deformities or Curvatures
- Spinal Stenosis
- Trauma
- Tumor
- Failed previous fusion



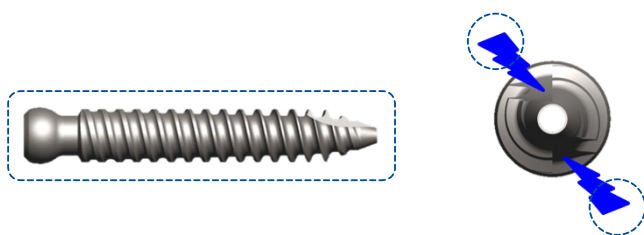
## PathLoc-L Feature & Benefits

Name	Images	Function
Percutaneous Poly axial Screw		<ul style="list-style-type: none"> <li>• Percutaneous poly axial screws are cannulated screws for use with a K-wire.</li> <li>• Titanium alloy screws are available in 5.5mm, 6.5mm and 7.5mm diameters. Lengths are available from 30 to 60mm, in 5mm increments.</li> <li>• Available sleeve lengths are 77mm (Half Sleeve) and 127mm (Long Sleeve).</li> <li>• Yellow: Screw Diameter <math>\varnothing</math>5.5</li> <li>• Blue: Screw Diameter <math>\varnothing</math>6.5</li> <li>• Purple: Screw Diameter <math>\varnothing</math>7.5</li> </ul>
Curved Rods		<ul style="list-style-type: none"> <li>• Curved rods have a different tip shape.</li> <li>• These components are designed to be easy to use with a rod inserter for better rod introduction.</li> <li>• 6.0mm diameter titanium alloy available from 35 to 120mm, in 5mm increments.</li> </ul>
Straight Rods		<ul style="list-style-type: none"> <li>• Straight rods have a different tip shape.</li> <li>• 6.0mm diameter titanium alloy available from 100 to 200mm, in 10mm increments .</li> </ul>
Set Screw		<ul style="list-style-type: none"> <li>• Reverse buttress threading</li> <li>• Penta-star type driver hole</li> </ul>

## Bone Screw



### Dual Thread & Double Self-Tapping



- Double Thread System enables faster insertion & fixation
- Double Self-Tapping requires less insertion torque
- Dual Thread - Cancellous & Cortical

# Ordering Information

## Ordering Information Screw

MIS Screw Long Sleeve (127mm)			
Cat NO.	Size		Color
	D	L	
2712-5530	5.5	30	YELLOW
2712-5535	5.5	35	YELLOW
2712-5540	5.5	40	YELLOW
2712-5545	5.5	45	YELLOW
2712-5550	5.5	50	YELLOW
2712-5555	5.5	55	YELLOW
2712-5560	5.5	60	YELLOW
2712-6530	6.5	30	BLUE
2712-6535	6.5	35	BLUE
2712-6540	6.5	40	BLUE
2712-6545	6.5	45	BLUE
2712-6550	6.5	50	BLUE
2712-6555	6.5	55	BLUE
2712-6560	6.5	60	BLUE
2712-7530	7.5	30	PURPLE
2712-7535	7.5	35	PURPLE
2712-7540	7.5	40	PURPLE
2712-7545	7.5	45	PURPLE
2712-7550	7.5	50	PURPLE
2712-7555	7.5	55	PURPLE
2712-7560	7.5	60	PURPLE

MIS Screw Half Sleeve (77mm)			
Cat NO.	Size		Color
	D	L	
2707-5530	5.5	30	YELLOW
2707-5535	5.5	35	YELLOW
2707-5540	5.5	40	YELLOW
2707-5545	5.5	45	YELLOW
2707-5550	5.5	50	YELLOW
2707-5555	5.5	55	YELLOW
2707-5560	5.5	60	YELLOW
2707-6530	6.5	30	BLUE
2707-6535	6.5	35	BLUE
2707-6540	6.5	40	BLUE
2707-6545	6.5	45	BLUE
2707-6550	6.5	50	BLUE
2707-6555	6.5	55	BLUE
2707-6560	6.5	60	BLUE
2707-7530	7.5	30	PURPLE
2707-7535	7.5	35	PURPLE
2707-7540	7.5	40	PURPLE
2707-7545	7.5	45	PURPLE
2707-7550	7.5	50	PURPLE
2707-7555	7.5	55	PURPLE
2707-7560	7.5	60	PURPLE

## Ordering Information Screw

MIS Rod ( Curved )		
Cat NO.	Size	
	D	L
2526-6035	6.0	35
2526-6040	6.0	40
2526-6045	6.0	45
2526-6050	6.0	50
2526-6055	6.0	55
2526-6060	6.0	60
2526-6065	6.0	65
2526-6070	6.0	70
2526-6075	6.0	75
2526-6080	6.0	80
2526-6090	6.0	90
2526-60100	6.0	100
2526-60110	6.0	110
2526-60120	6.0	120

MIS Rod ( Straight )		
Cat NO.	Size	
	D	L
2516-60100	6.0	100
2516-60110	6.0	110
2516-60120	6.0	120
2516-60130	6.0	130
2516-60140	6.0	140
2516-60150	6.0	150
2516-60160	6.0	160
2516-60170	6.0	170
2516-60180	6.0	180
2516-60200	6.0	200

SET SCREW	
Cat NO.	Star(Open)
	1308-0000

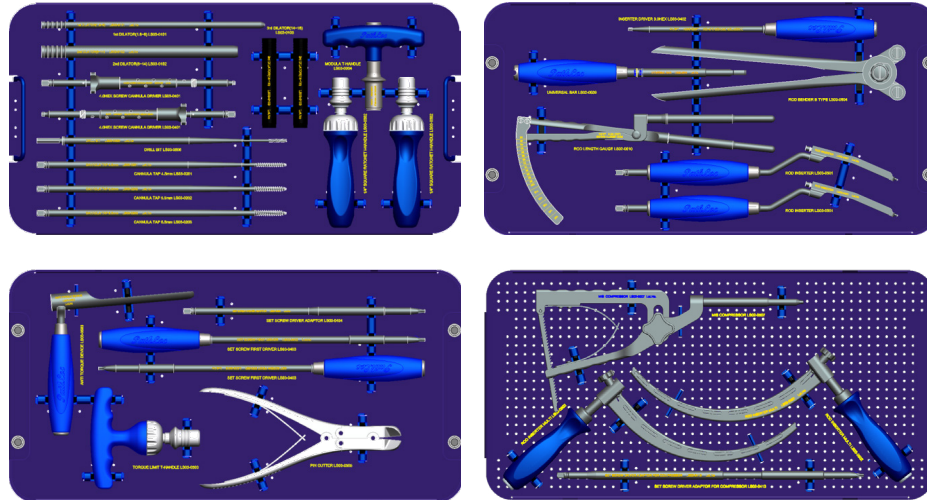
## Ordering Information Instrument

Cat NO	Description	Qty
LS02-1748	K-WIRE(NITINOL)	10
LS03-0101	1ST DILATOR (1.8~8)	1
LS03-0102	2ND DILATOR (8~14)	1
LS03-0103	3RD DILATOR (14~16)	2
LS03-0204	CANNULA TAP 4.5mm (DOUBLE THREAD)	1
LS03-0205	CANNULA TAP 5.5mm (DOUBLE THREAD)	1
LS03-0206	CANNULA TAP 6.5mm (DOUBLE THREAD)	1
LS03-0302	1/4" SQUARE RATCHET I-HANDLE	2
LS03-0304	MODULAR T-HANDLE	1
LS03-0401	4.0 HEX SCREW CANNULA DRIVER	2
LS03-0506	DRILL BIT	1
LS03-0509	UNIVERSAL BAR	1
LS03-0510	ROD LENGTH GAUGE	1
LS03-0402	INSERTER DRIVER 3.0 HEX	1
LS03-0501	ROD INSERTER	2
LS03-0504	ROD BENDER	1
LS04-0506	TORQUE LIMIT T-HANDLE	1
LS03-0403	SET SCREW FIRST DRIVER	2
LS03-0404	SET SCREW DRIVER ADAPTOR	2
LS03-0503	ANTI-TORQUE DEVICE	1

Cat NO	Description	Qty
LS03-0505	PIN CUTTER	1
LS03-0408	SET SCREW DRIVER ADAPTOR FOR COMPRESSOR	1
LS03-0507	MIS COMPRESSOR	1
LS03-0502	ROD INSERTER MULTI	1
LS03-0615	REMOVAL QUICK DRIVER	1
LS03-0001	INSTRUMENT CONTAINER	1
LS03-0002	INSTRUMENT CONTAINER COVER	1
LS03-0003	MIS BASIC INSTRUMENT UPPER TRAY	1
LS03-0004	MIS BASIC INSTRUMENT MIDDLE TRAY	1
LS03-0005	MIS BASIC INSTRUMENT LOWER TRAY	1
LS03-0006	MIS OPTIONAL INSTRUMENT CONTAINER	1
LS03-0007	MIS OPTIONAL INSTRUMENT CONTAINER COVER	1
LS03-0008	MIS OPTIONAL INSTRUMENT TRAY	1
LS03-8001	MIS IMPLANT CONTAINER	1
LS03-8002	MIS IMPLANT CONTAINER COVER	1
LS03-8003	MIS IMPLANT UPPER TRAY	1
LS03-8004	MIS ACCESSORY CASE	1
LS03-8005	MIS IMPLANT 5.5 SCREW CASE (w/ Cover)	1
LS03-8006	MIS IMPLANT 6.5 SCREW CASE (w/ Cover)	1
LS03-8007	MIS IMPLANT 7.5 SCREW CASE (w/ Cover)	1

# Instrument Component

## MIS Basic Instrument Tray



Optional Container



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