

**ISIS**  
PLIF PEEK Cage

Simple and Effective



# Surgical technique

**Surgical technique for posterior lumbar approach**



## Posterior Lumbar Interbody Fusion

PLIF is generally used to treat back or leg pain caused by degenerative disc disease. The surgeon will stabilize the spine by fusing vertebrae together with bone graft material.

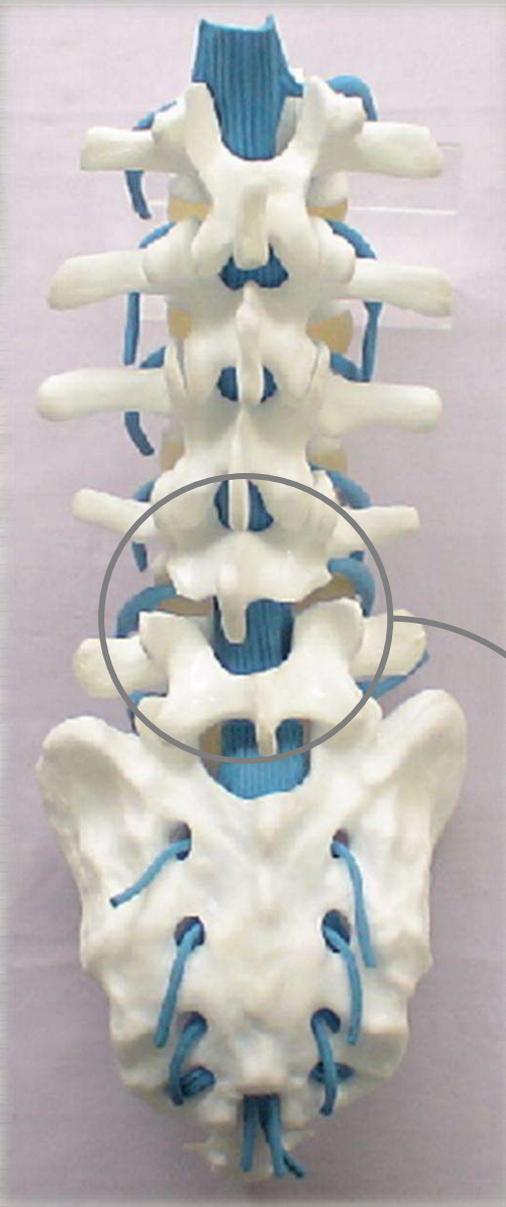
### Incision Made

The procedure is performed through a three to six inch incision in the back.



## Disc Accessed

Parts of the vertebral bone need to be removed to get access to the disc.



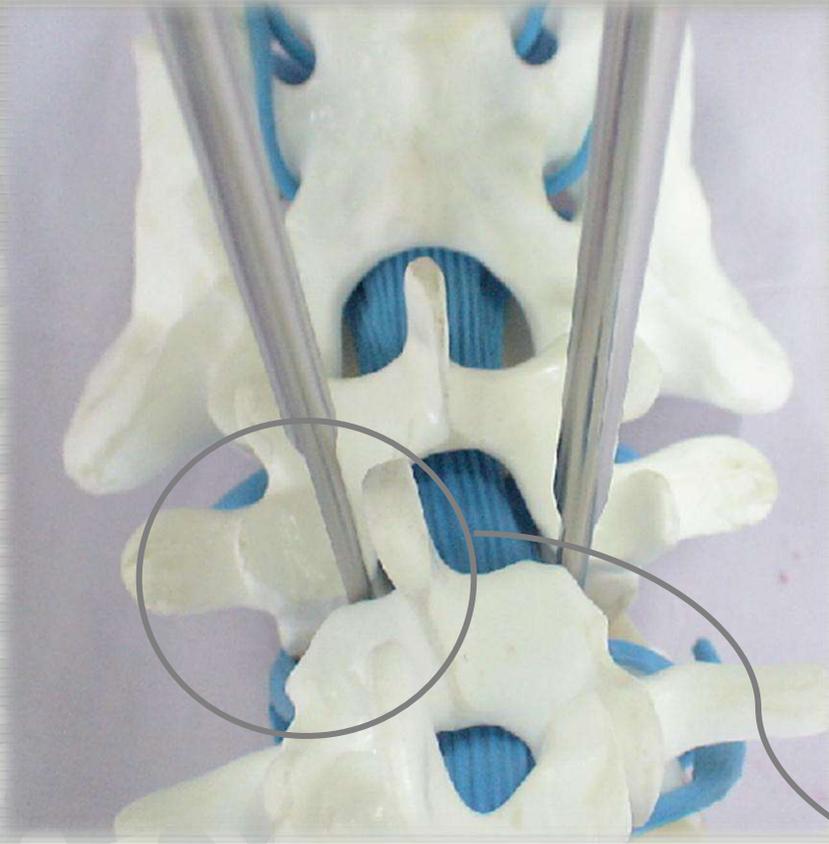


### Disc Partially Removed

The damaged disc is partially removed. Some of the disc wall is left behind to help contain the bone graft material.

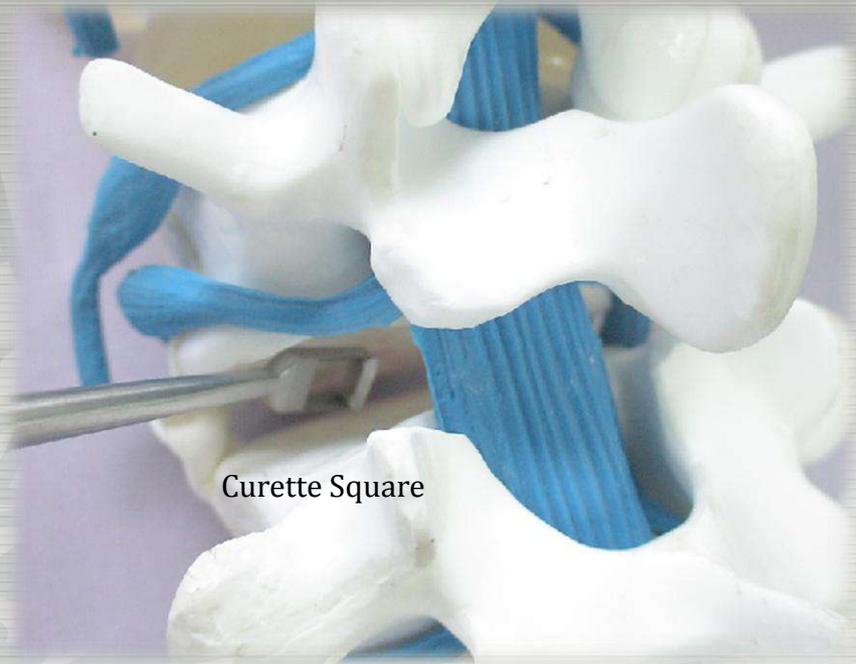
Shaver is placed within the disc space to clean out some of the lumbar disc material.

Securing empty space and measuring of Removed the disc



Distractor is placed within the disc space. This helps to maintain the height of the lumbar disc space on one side, while the other side is being prepared

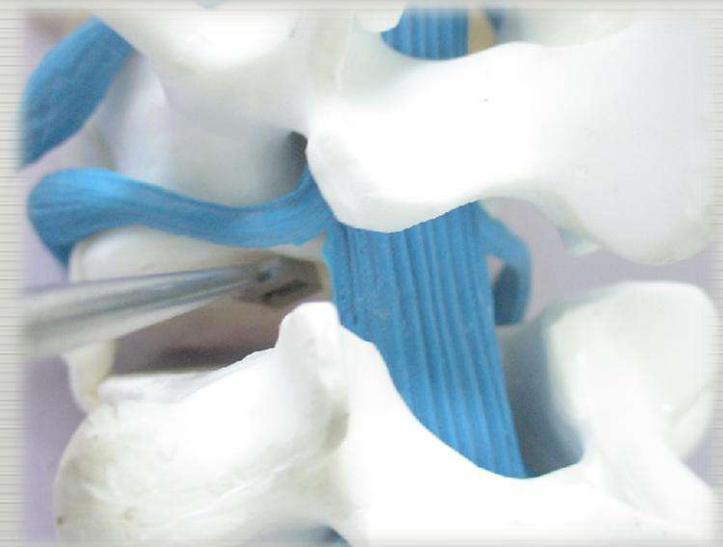




Curette Square

## Blooding

Use the Curette Ring / Square and Clean vertebral endplates.



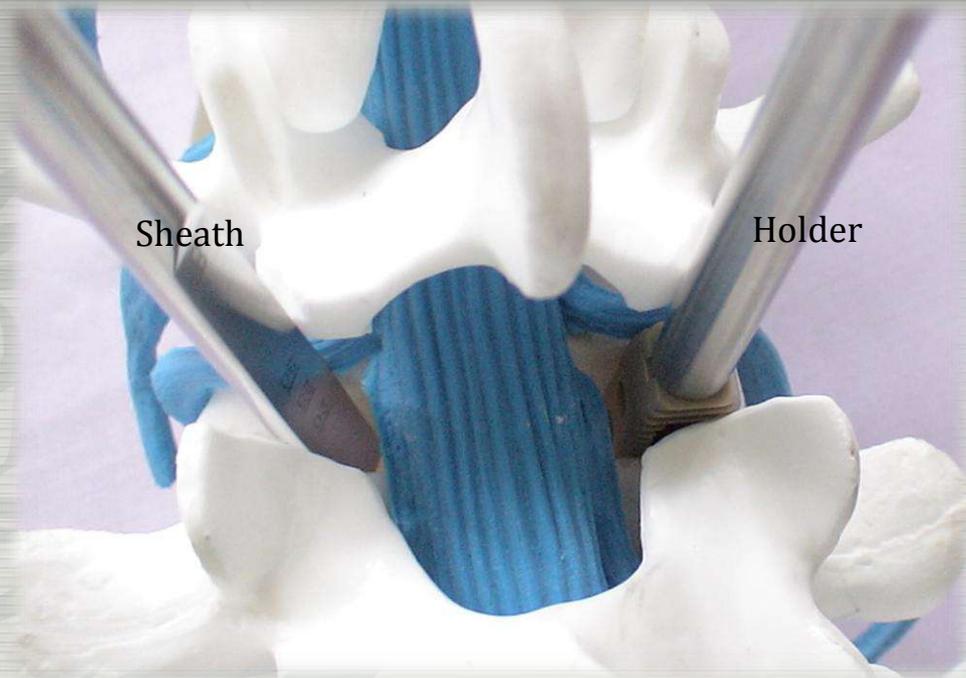


## Packing block

Select the correct size of cage to use. Use the Packing bar and Bone block the bone graft material or bone graft substitute into the cage.

Fill the PLIF Cage with bone graft material





## Insertion of the implant

Select the appropriate PLIF Cage and assemble the Holder & Sheath.

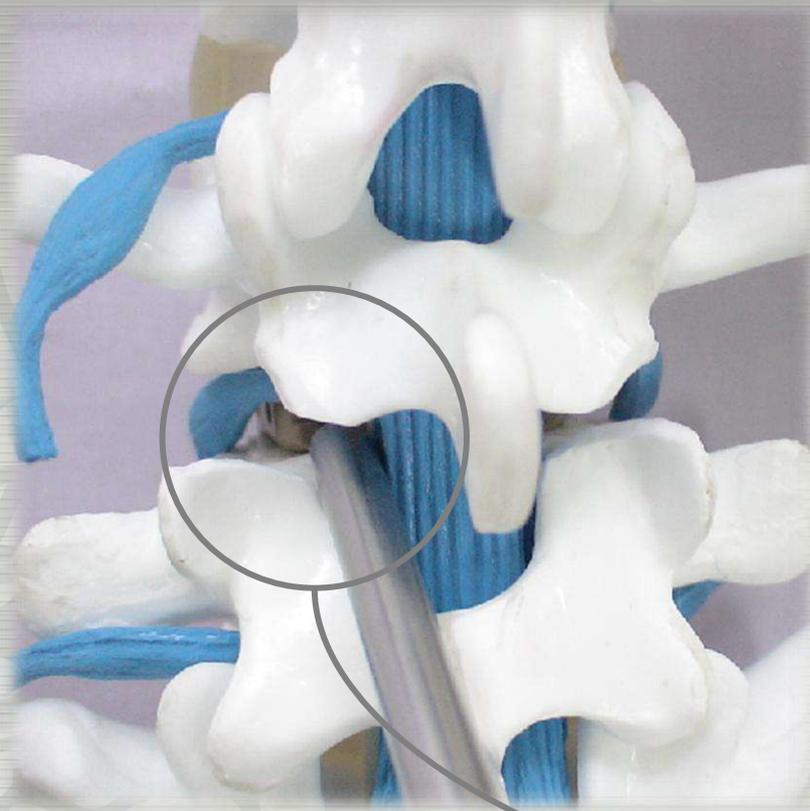


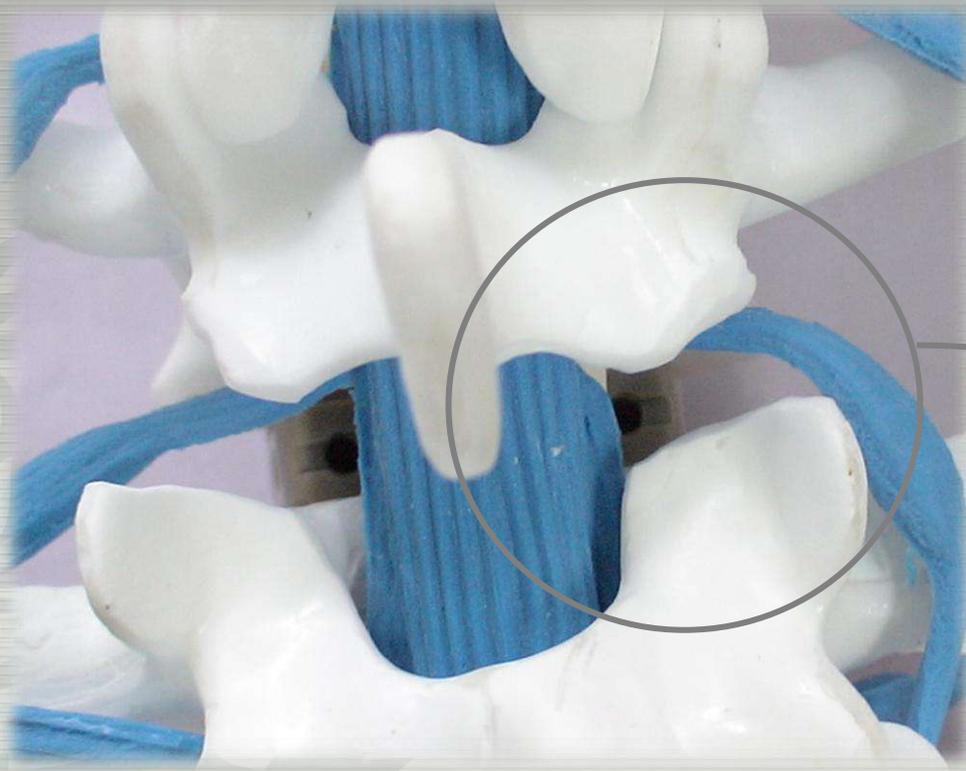
Insertion of the implant

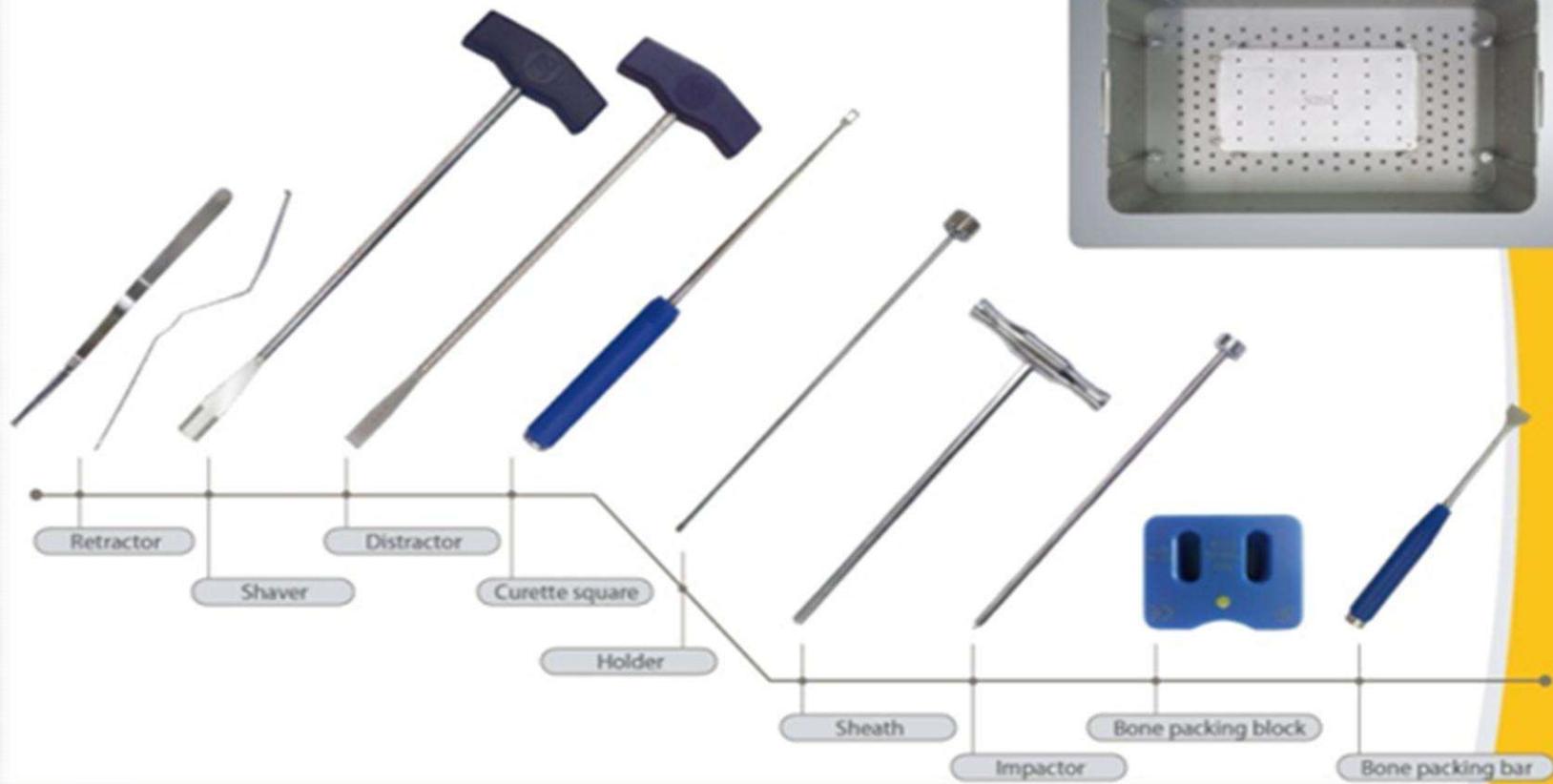
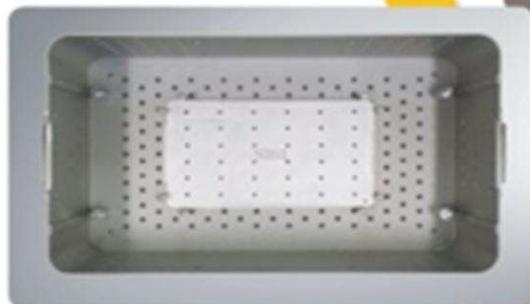
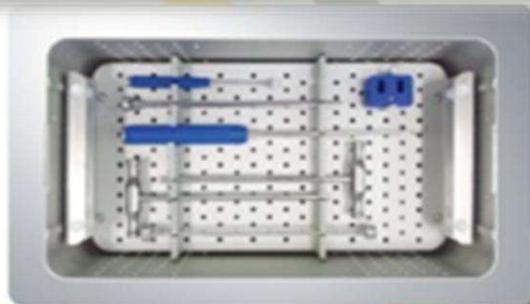
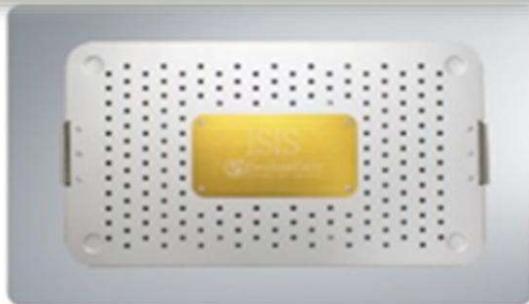


### Final positioning

Used for impacting the implant into position.  
Advances implant into final position.







INSTRUMENT		INSTRUMENT	
ARTICLE NO	NAME	ARTICLE NO	NAME
SCPI-001	RETRACTOR 6	SCPI-033	DISTRACTOR 10
SCPI-002	RETRACTOR 11	SCPI-034	DISTRACTOR 11
SCPI-020	SHAVER7	SCPI-035	DISTRACTOR 12
SCPI-021	SHAVER 8	SCPI-036	DISTRACTOR 13
SCPI-022	SHAVER 9	SCPI-037	DISTRACTOR 14
SCPI-023	SHAVER 10	SCPI-043	HOLDER
SCPI-024	SHAVER 11	SCPI-044	SHEATH
SCPI-025	SHAVER 12	SCPI-045	IMPACTOR
SCPI-026	SHAVER 13	SCPI-046	BONE PACKING BLOCK
SCPI-027	SHAVER 14	SCPI-047	BONE PACKING BAR
SCPI-031	DISTRACTOR 8	SCPI-048	CURETTE SQUARE
SCPI-032	DISTRACTOR 9	SCPI-051	CONTAINER
		SCPI-052	IMPLANT CASE

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