

# THE CORIN SPINAL SYSTEM

Versatility & Simplicity  
with  
3 Dimensional Instrumentation



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 CORIN SPINAL  
SYSTEMS

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# Instrumentation

## Mehdian Lumbo - Sacral Pedicle Screw System

### Instrumentation

Order No.	Description	Ancillary
256.999	Complete Lumbo-Sacral Pedicle Screw System Instrumentation	
256.010	Pedicle Trocar	Standard
256.011	Pedicle Drill Bit	Optional
256.012	Pedicle Reamer	Standard
256.013	Pedicle Thick Guide Pin x 5	Standard
256.014	Pedicle Thin Guide Pin x 5	Standard
256.015	Pedicle Depth Measure	Standard
256.016	Pedicle Curette	Optional
256.017	Pedicle Screw Introducer	Standard
256.018	Pedicle Screw Driver	Standard
256.019	Malleable Spinal Rod	Standard
256.020	Spinal Rod Bender	Standard
256.021	Spinal Rod Holder x 2	Standard
256.022	Spinal Rod Pusher x 2	Standard
256.023	Screw Collar Introducer	Standard
256.024	Locking Disc Screw Driver	Standard
256.025	Grub Screw Driver x 2	Standard
256.026	Pedicle Probe	Optional
256.028	Spinal Rod Bender Support Tube	Optional
256.029	Spinal Rod Bender Reaction Lever	Optional
256.041	Spreader Forceps	Standard
256.042	Compressing Forceps	Standard
256.043	In-Situ Rod Bender Left	Optional
256.044	In-Situ Rod Bender Right	Optional
256.045	Screw/Rod Stabiliser	Optional
256.046	Conical Spacer Trial Screw	Optional
256.047	Conical Spacer Trial (Set 3)	Optional
256.100	Instrumentation Box	Standard

## Mehdian Scoliosis System Instrumentation

Order No	Description	Ancillary
256.998	Complete Scoliosis System Instrumentation	
256.010	Pedicle Trocar	Standard
256.011	Pedicle Drill Bit	Optional
256.012	Pedicle Reamer	Standard
256.013	Pedicle Thick Guide Pin x 5	Standard
256.014	Pedicle Think Guide Pin x 5	Standard
256.015	Pedicle Depth Measure	Standard
256.016	Pedicle Curette	Optional
256.017	Pedicle Screw Introducer	Standard
256.018	Pedicle Screw Driver	Standard
256.019	Malleable Spinal Rod	Standard
256.020	Spinal Rod Bender	Standard
256.021	Spinal Rod Holder x 2	Standard
256.022	Spinal Rod Pusher x 2	Standard
256.023	Screw Collar Introducer	Standard
256.024	Locking Disc Screw Driver	Standard
256.025	Grub Screwdriver x 2	Standard
256.026	Pedicle Probe	Optional
256.028	Spinal Rod Bender Support Tube	Optional
256.029	Spinal Rod Bender Reaction Lever	Optional
256.035	Scoliosis Rod Holding Forceps	Standard
256.036	Scoliosis Chisel	Standard
256.037	Scoliosis Hook Introducer	Standard
256.038	Scoliosis Lamina Probe	Standard
256.039	Scoliosis Pedicle Probe	Standard
256.040	Scoliosis Hook Positioner	Standard
256.041	Spreader Forceps	Standard
256.042	Compressing Forceps	Standard
256.043	In-situ Rod Bender Left	Optional
256.044	In-situ Rod Bender Right	Optional
256.045	Screw/rod Stabiliser	Optional
256.046	Conical Spacer Trial Screw	Optional
256.047	Conical Spacer Trial (Set 3)	Optional
256.100	Instrumentation Box	Standard



## Corin Unique Lock Confidence



In order to eliminate component disassembly and implant migration, the Corin Spinal System incorporates a unique dual action grip between the screw, hook and rod. This also helps to reduce the risk of screw pull-out and breakage whilst allowing bony fusion to occur and mature.

## Anatomical Hooks Ensure Best Fit



The Corin system was designed with the basics of spinal architecture and biomechanics in mind. A precisely designed range of hooks provides excellent anatomical fit for a wide range of applications, whilst maintaining simplicity by minimising component inventory.

## Low Profile Means High Comfort



All components are designed to offer an exceptionally low profile system that hugs the spinal column. This results in an increased degree of patient comfort post operatively and thereafter.

# Scoliosis System

- One complete system from thoracic to sacral spine
- Titanium alloy for ease of rod contouring and anatomical accuracy
- MRI compatible
- Low profile, increased patient comfort
- Can be used anteriorly or posteriorly



## Six Anatomical Hooks/Four Screw Diameters



A simple range of components provides the versatility to treat a wide range of anatomical deformities whilst minimising inventory levels.

## Anterior Approach



- Low profile of system makes it ideal for anterior surgery
- Anterior washers are available for use with 5mm, 6mm, and 7mm diameter pedicle screws, assisting with load dispersion and enhancing implant security

## Surgical Technique

A comprehensive surgical technique brochure and video are available.



## Lumbo-Sacral Rod/Plate



- Allows use of 2 screws in the sacral area when L5/S1 fusion is desired.
- Minimises risk of screw/rod migration
- Diverging sacral screws help increase resistance to 'pull out'
- Exceptionally low sacral profile allows components to be left *in-situ*.

## Cross Brace Increases Construct Rigidity



- Available in 4 sizes
- Each size can be enlarged or reduced to fit the patient's exact anatomy
- No additional instrumentation required
- Allows 'rod to rod' or 'screw to screw' fixation

## Conical Spacer Provides Versatility



- Sits precisely between the screw head and the affected vertebra
- Elevates the height of the screw head
- Reduces the need to excessively contour the spinal rod in cases of extreme deformity such as spondylolisthesis

## For Anterior & Posterior Approaches to Spinal Surgery

The Corin Spinal System is indicated for idiopathic and neuromuscular scoliosis, kyphosis, lordosis, tumour resection, trauma and degenerative spine disease.

This versatile system works in harmony with the spine's natural balance to achieve stability and rapid healing, offering the surgeon greater flexibility in surgery and providing support wherever it is required.



### Implant Simplicity Saves Time

A finely engineered range of implants provides maximum choice and flexibility during surgery, allowing the surgeon to address each spinal pathology individually and correctly.



### Easy to Use Comprehensive Instrumentation

A complete range of dedicated instrumentation is designed to suit the technique and style of the individual surgeon. There is a range of standard instruments complemented by a number of optional items providing maximum intra-operative versatility. All are specifically designed for ease-of-use.



### Three-Dimensional Flexibility

The system allows optimal positioning of the titanium screws and hooks in selected vertebral segments in order to perform a reduction of rotated or translated vertebrae. This results in biomechanical load sharing and secure correction of deformity.

