

Posterior Cervical Fixation System

Poly-axial

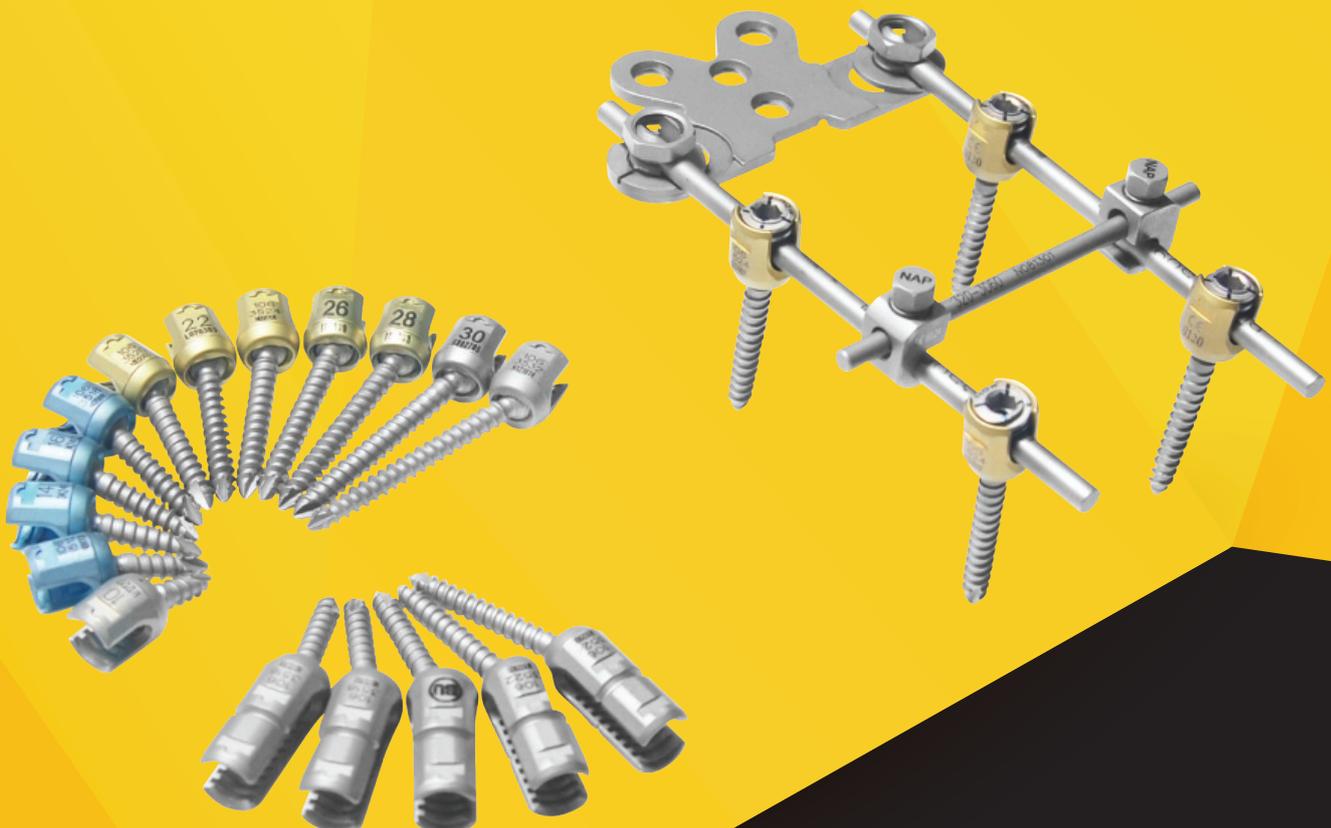
Top loading, easy for rod insertion

Wide Angulation

40° medial lateral 80° cranial caudal

Reduction Ready

Side craving for reduction tools



Posterior Cervical Fixation System

Device Description

The ReBorn Essence Posterior Cervical Fixation System is designed for the treatments in spinal diseases. This system is designed to stabilize and promote the fusion of the cervical spine and occipito-cervical junction. Please refer to the use of indication stated in the manual of The ReBorn Essence Posterior Cervical Fixation System.

The ReBorn Essence Posterior Cervical Fixation System is not intended to be used with other systems of posterior cervical fixation system.



Indication

The ReBorn Essence Posterior Cervical Fixation System is intended to treat cervical spine instability including trauma, stenosis, dislocation, deformities, and other diseases requiring posterior stabilization. Tumors and infections can be treated with cross level implantation. The combination of anterior fusion stabilization is recommended.

Contraindication

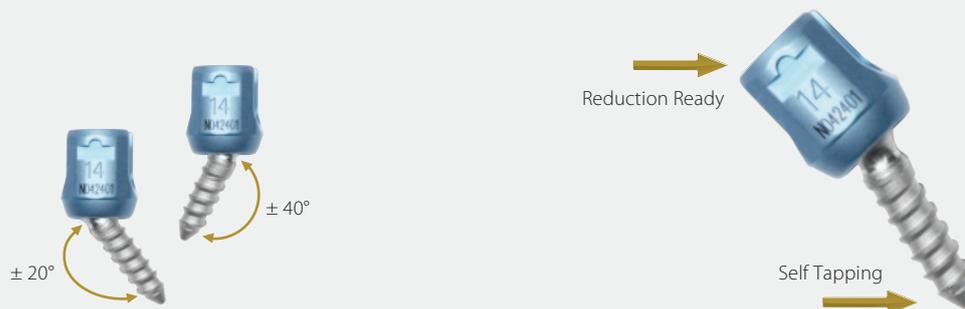
In the condition which is absence or compromise of significantly stabilizing elements. Patients with severe osteoporosis, infection, metal allergy, severe metabolic bone disease, or any entity or condition that totally precludes the possibility of fusion.

In addition, some of the lifestyle of the patients, will be affecting the stress on the implants and causing the failure of the implantation, such as their occupation, overweight, mental illness, alcoholism, or drug abuse.

Introduction

The ReBorn Essence Posterior Cervical Fixation System consists of poly-axial screw, smooth rod, occipital plate rod and occipital plate. Within the system, the products can be used in combination.

Poly-axial screws can be used along with rods, or with the occipital plates. The other combination is poly-axial screw with occipital rod plate system. Surgeons are able to interchange in between two systems according to the need of the surgery. With special situation, this system also provides connector blocks and side rods.



Design Rationale

The ReBorn Essence Posterior Cervical system poly-axial screw is specially designed with 80° cranial caudal angulation. This makes lateral mass surgical easier due to the wide angulation of the implanting site. Self-tapping and self-drilling characteristics ease out the process of surgical technique. 40° medial lateral angulation gives the construct a more stabilized environment. The connecting block with 3.5mm diameters is available for recurrent symptoms or from lateral mass to pedicle implantation. The connecting block with both 3.5 mm and 5.5 mm diameters is available for cervicothoracic interchange area. Side rods are specialized for extreme angulation of two screws.

Unique Tools

Specialized reduction tools are designed for extreme reduction for the poly-axial screws.

Conclusion

ReBorn Essence Posterior Cervical Fixation System is the easiest system for posterior cervical fixation system.

With multiple components and various combinations, the system is simple, secure, and sagacious.



ReBorn Essence Posterior Cervical Fixation System



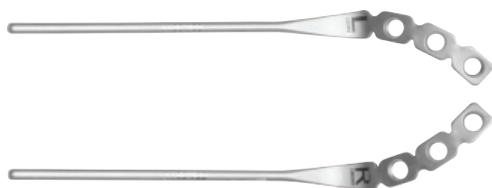
Multi axial Screw

REF	Dia. (mm)	Length (mm)
106-3510	3.5	10
106-3512	3.5	12
106-3514	3.5	14
106-3516	3.5	16
106-3518	3.5	18
106-3520	3.5	20
106-3522	3.5	22
106-3524	3.5	24
106-3525	3.5	25
106-3526	3.5	26
106-3528	3.5	28
106-3530	3.5	30
106-3532	3.5	32
106-3534	3.5	34



Pedicle Long Screw

REF	Dia. (mm)	Length (mm)
106-3510A	3.5	10
106-3512A	3.5	12
106-3514A	3.5	14
106-3516A	3.5	16
106-3518A	3.5	18
106-3520A	3.5	20
106-3522A	3.5	22
106-3524A	3.5	24
106-3525A	3.5	25
106-3526A	3.5	26
106-3528A	3.5	28
106-3530A	3.5	30
106-3532A	3.5	32
106-3534A	3.5	34



Occipital Rod Plate

REF	Dia. (mm)	Length (mm)
604-3511	3.5	110
604-3611	3.5	110



Occipital Plate

REF	Dia. (mm)	Length (mm)
740-3555	55	29
740-3560	60	29
740-3565	65	29



Cervical Fixation Screw

REF	Dia. (mm)	Length (mm)
108-4006	4	6
108-4008	4	8
108-4010	4	10
108-4012	4	12



Smooth Rod

REF	Dia. (mm)	Length (mm)
600-3503	3.5	30
600-3504	3.5	40
600-3505	3.5	50
600-3506	3.5	60
600-3507	3.5	70
600-3508	3.5	80
600-3509	3.5	90
600-3510	3.5	100
600-3511	3.5	110
600-3512	3.5	120
600-3513	3.5	130
600-3515	3.5	150
600-3517	3.5	170



Transverse Link

REF	Dia. (mm)	Length (mm)
700-3570	3.5	70



Connection Rod

REF	Dia. (mm)	Length (mm)
320-1217	300	3.5/5.5

Tools

3mm Tap
202-0503



2.5mm Hex Screw Driver
202-0825



Adjustable Drill Guide
204-1101



2.5mm Drill Bit
202-1925



5mm Hex Socket Driver
204-2905



Handle
202-0101



2.5mm Awl
202-0225



5mm Rotator Bar
406-3005



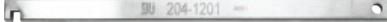
Screw Clamp
202-0826



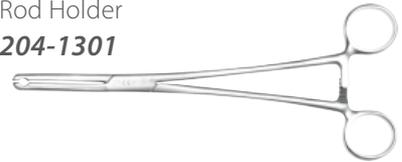
3.5mm Pin Guide
204-3135



Rod Bender
204-1201



Rod Holder
204-1301



3.5mm Pin Guide
204-3136



Rod Bender
204-1202



Rod Cutter
204-2701



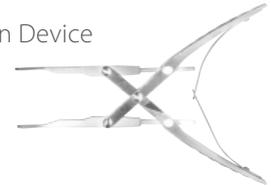
Sensor
406-0401



Rod Template
408-3201



Compression Device
204-0901



3mm Hex Screw Driver
204-0803B



Anti-Rotator Wrench
204-3001



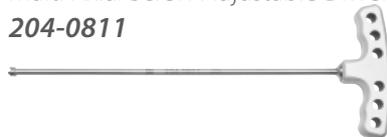
Distraction Device
204-1601



Poly Screw Driver
204-0801



Multi Axial Screw Adjustable Driver
204-0811



Persuader
405-0701

