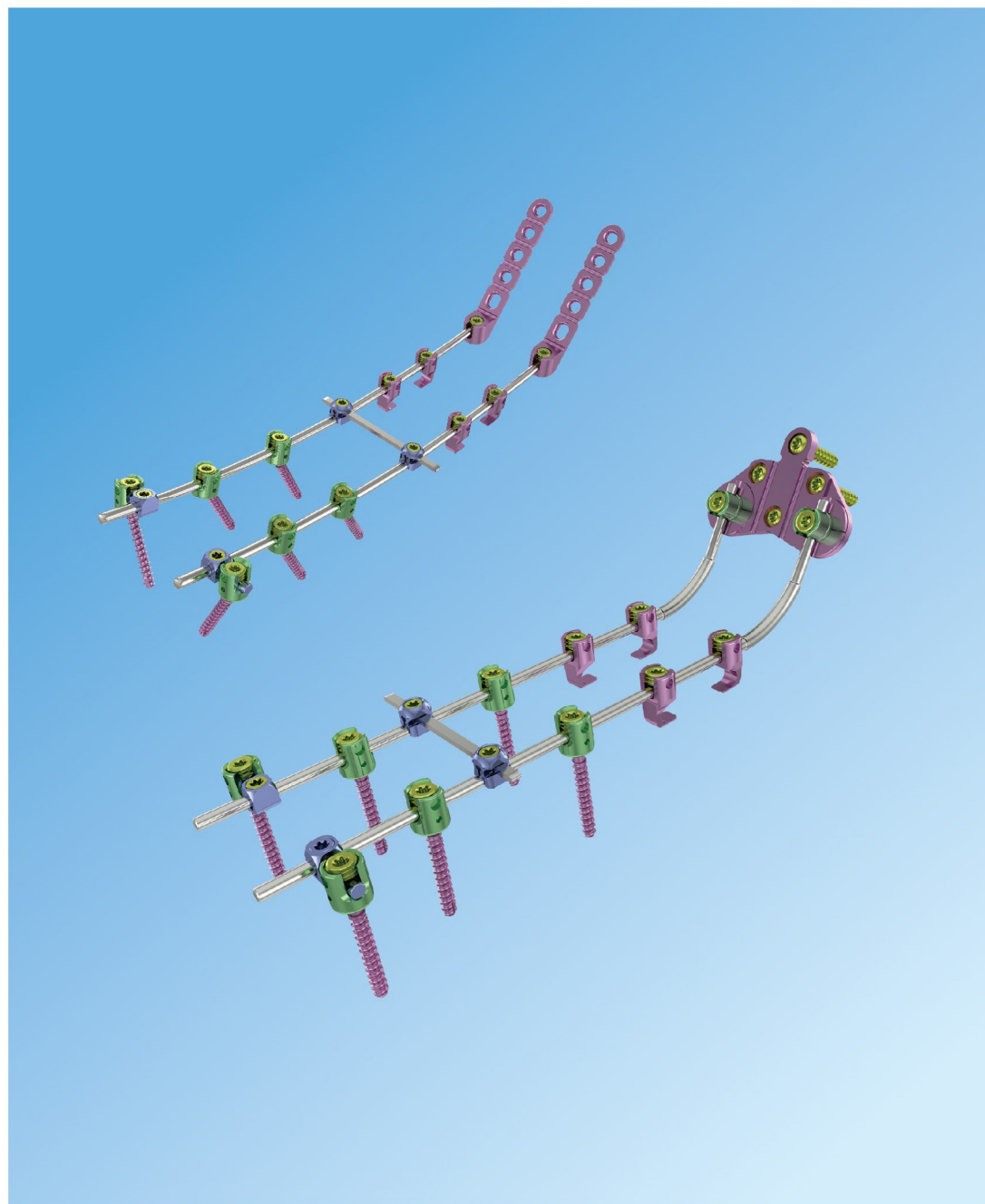


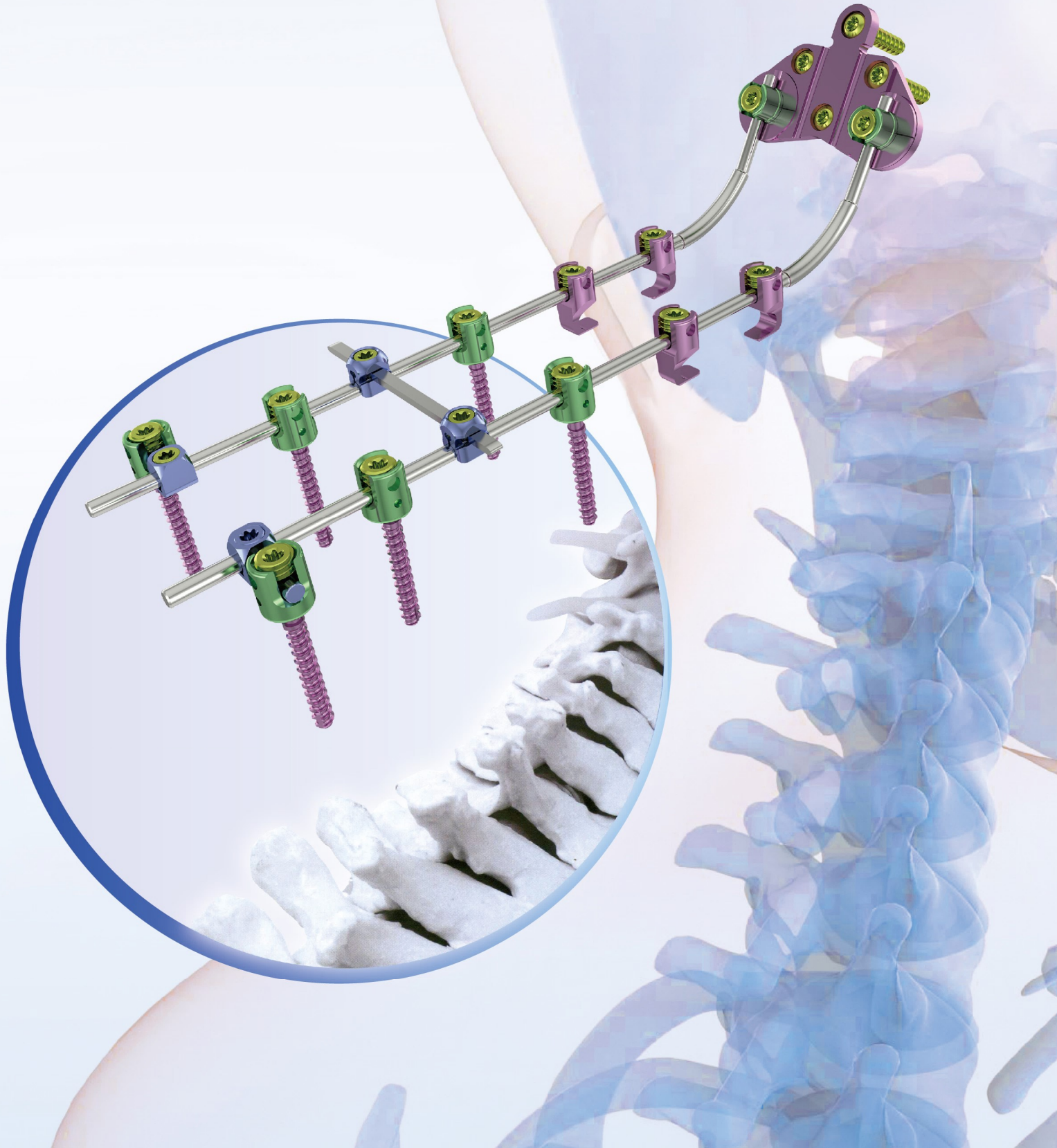
# KCO 3.2 Nail Rod System

CE 0197 ISO 13485 FDA

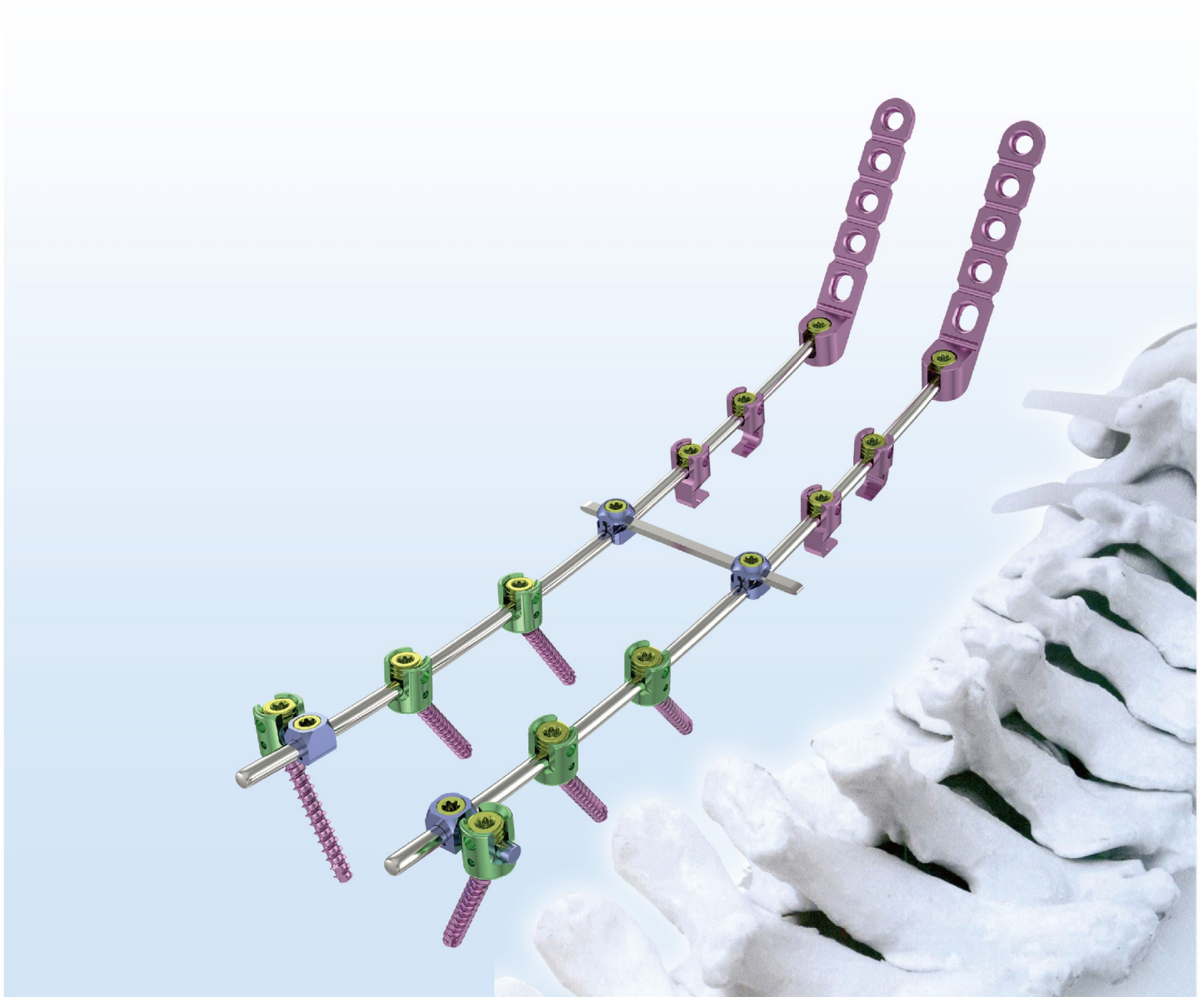


KANGLI ORTHOPAEDICS  
INSTRUMENT

## KCO 3.2 Nail Rod System



## KCO 3.2



This system is used in the fixation of Cervical and Posterior Cervical spine and can be flexible to fit in the need of different patients. The KCO 3.2 Nail Rod System, KSS- I 6.0 Spinal System and KSS- II 5.5 Spinal System can be connected with each other by Domino Bolts, so the range of fixation may be extended from Occipital Cervical spine to the end of spine.

Material: Titanium, which has high mechanical property and Image compatibility.

Operation indications:

Unstable appearance of occipital cervical spine and upper cervical spine:

- Rheumatoid arthritis
- Congenital Malformaion
- Posttraumatic instability
- Tumour
- Infection

Unstable appearance of lower cervical spine and upper thoracic spine:

-Posttraumatic instability

-Tumour

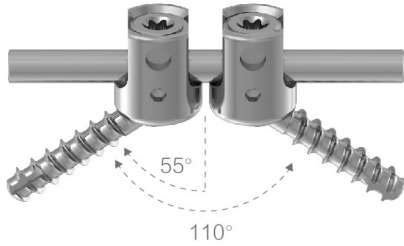
-Some iatrogenic instability problems after Laminectomy Degenerative of lower cervical spine and upper thoracic spine and abnormal conditions after wound.

Anterior fusion is based on additional posterior fixation.

Surgical contraindication

- Spinal structure damage and ventral support loss (result from tumor, fracture, infection) arise to instability of cervical spine and upper thoracic spine. In this condition, the KCO system should be used with KSS- II 5.5 Spinal System (Anterior Fixation).
- Serious osteoporosis.

## KCO 3.2 Nail Rod System

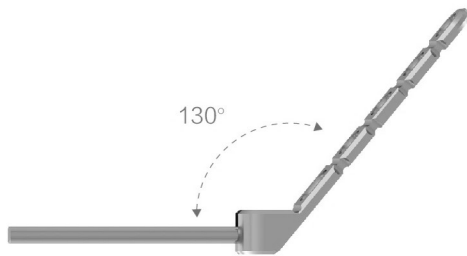


### Character Of The System

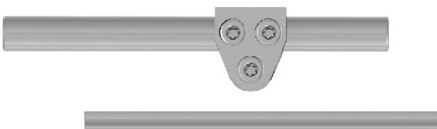
KCO U Multi Axial Pedicle Screw, the top of the screw has the technique of chamfer. The Angle of taper is 110° between two screws (single side is 55°), that is more suitable for the place of anthropotomy. And also the top of screw can be easy to array the straight line, to decrease minimally for the moulding of the rod.



KCO-R Occipital Plate, one of the top can be connected with the rod, to fix the atlantooccipital joint directly.



The degree is 130° between the KCO-R Occipital Plate and connector.



The KCO Rod, through the connection of the KCO Domino Bolts and rod of the  $\Phi 6.0$  and  $\Phi 5.5$ .



### KCO Lateral Bolts

To be adjust the screw which is not linearly arrayed, to increased the degree of the screw locus.

## KCO 3.2

**KCO Multiaxial Pedicle Screw  
T641**



**KCO Laminar Hook  
T642**



**KCO Rod  
T644**



**KCO Occipital Bone Rod  
T643**



**KCO Domino Bolts  
T645**



**KCO Lateral Bolts  
T646**



**EF 3.2 Crosslinks  
T647**



**KCO-S Occipital Plate  
T6480**



**KCO-R Occipital Plate  
T6481**



**KCO Occipital Screw  
T649**



Product Name	Material	Diameter	Length	Product No.
KCO U-Multi-Axial Pedicle Screw	Titanium Alloy	3.5	10	T64113510
			12	T64113512
			14	T64113514
			16	T64113516
			18	T64113518
			20	T64113520
			22	T64113522
			24	T64113524
			26	T64113526
			28	T64113528
		30	T64113530	
		32	T64113532	
		4.0	10	T64114010
			12	T64114012
			14	T64114014
			16	T64114016
			18	T64114018
			20	T64114020
			22	T64114022
			24	T64114024
26	T64114026			
28	T64114028			
30	T64114030			
32	T64114032			
34	T64114034			
KCO Rod		3.2	50、60、70、 80、90、100 200	T64432050-100 T64432200
KCO Occipital Bone Rod		3.2	200	T64332200
EF 3.2 Crosslinks		3.2	40	T6470040
			50	T6470050
			60	T6470060

Product Name	Material	Specification	Product No.
KCO Domino Bolts		$\Phi 3.2 \times 5.5$	T6453255
		$\Phi 3.2 \times 6.0$	T6453260
KCO Laminar Hook	Titanium Alloy	4.5	T6423245
		6.0	T6423260
KCO Lateral Bolts		$\Phi 3.2 \times 3.2$	T6463232

Product Name	Material	Holes	Product No.
KCO-S Occipital Plate	Titanium Alloy	6	T6480006
Note: Sample: 6 holes			

Product Name	Material	Holes	Product No.
KCO-R Occipital Plate	Titanium Alloy	5	T6481005

Product Name	Material	Diameter	Length	Product No.
KCO 枕骨螺钉 KCO Occipital Screw	钛合金 Titanium Alloy	4.0	6	T6494006
			8	T6494008
			10	T6494010
			12	T6494012