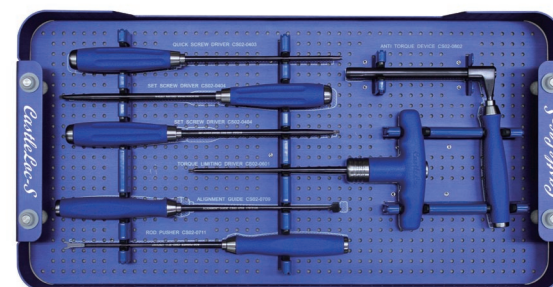
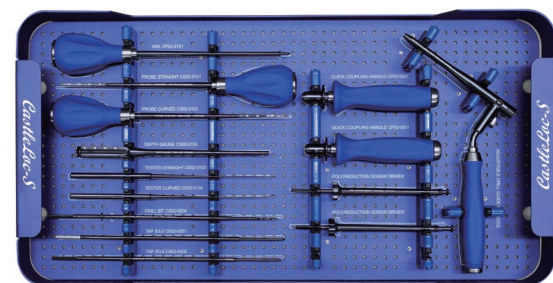
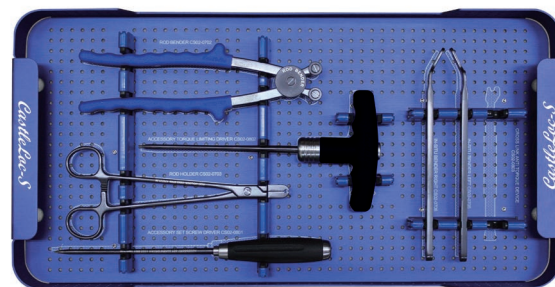
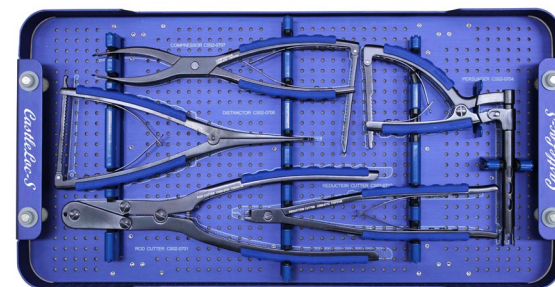


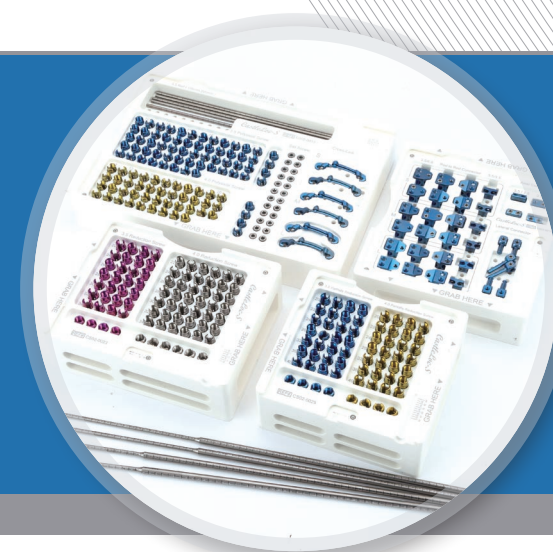
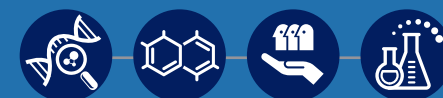
1st Instrument Set



2nd Instrument Set



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CastleLac-S[®]



POSTERIOR CERVICAL FIXATION SYSTEM

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Head Office : #201, 16-25, Dongbaekjungang-ro, Giheung-gu, Yongin-si, Gyeonggi-do, 17015, Korea

Seoul Office : 17F, 159-1, Mokdongseo-ro, Yangcheon-gu, Seoul, 07997, Korea

Tel. 82-1600-0841 Fax. 82-1600-0843 www.lnkbiomed.com



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CastleLoc-S POSTERIOR CERVICAL FIXATION SYSTEM

Overview

The *CastleLoc-S* Posterior Cervical Fixation System is a top-loading, multiple component, posterior (cervical-thoracic) spinal fixation system which consists of polyaxial screw, reduction(semi-reduction) poly screw, partially screw, partially reduction (semi-reduction) screw, straight rod, curved rod, transitional rod, set screw, cross link, side rod to rod connector, axial rod to rod connector, and lateral connector

Features & Benefits

The *CastleLoc-S* Posterior Cervical Fixation System has wide range of angle that provides the best optimization from any direction.

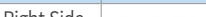
Type of Screw Design

Name	Images	Function
Posterior Screw		• Cervical Poly Axial Screw available from 3.5 to 4.0mm diameters with lengths ranging from 10 to 40mm. (above 34mm is optional) • Designed Cervical & Thoracic Screw for secure mechanical performance
Semi Reduction Screw		• Cervical Semi Reduction Screw available from 3.5 to 4.0mm diameters with lengths ranging from 10 to 40mm. (above 34mm is optional), the first screw in the market with reduction purpose. • Designed Cervical & Thoracic Screw for secure mechanical performance
Partially Screw (polyaxial/ Semi reduction)		• Cervical Partially Threaded Screw (Poly/Semi Reduction) available from 3.5 to 4.0mm diameters with lengths ranging from 20 to 40mm can be used for the stabilization of upper cervical(C1-C2).

Angle of Screw

Neck size & Anodizing	Partially Threaded Screw
	$[L \leq 26, L1:L3]$ $[28 \leq L, L1:L2 = 5:5]$
Angle	Angle

Accessory

Name	Images	Name	Images	Name	Images
Cervical Rod		Axial Rod to Rod Connector		Right Side Rod to Rod Connector	
Transitional Rod		Side Rod to Rod Connector		Left Side Rod to Rod Connector	
CrossLink				Lateral Connector Stopper	

Cat. No.	Size
6104-7037	M7 * 1.0P

Accessory Set Screw

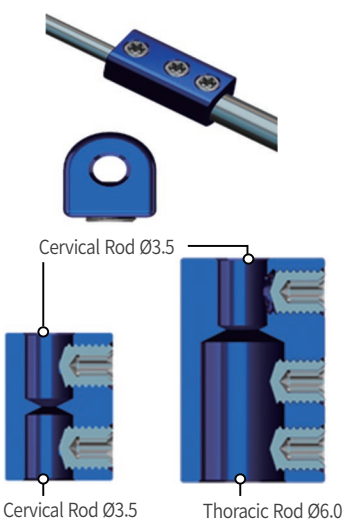
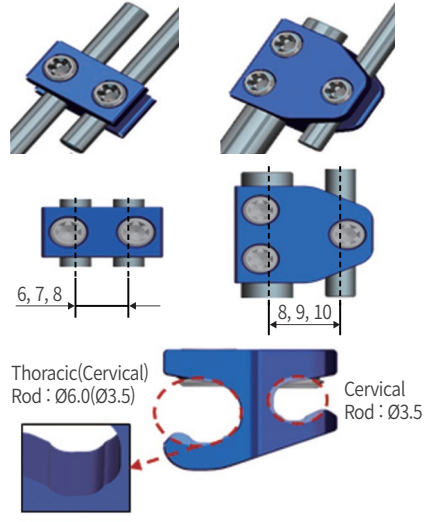
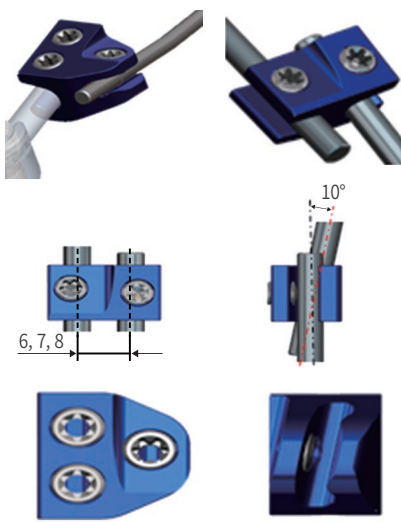
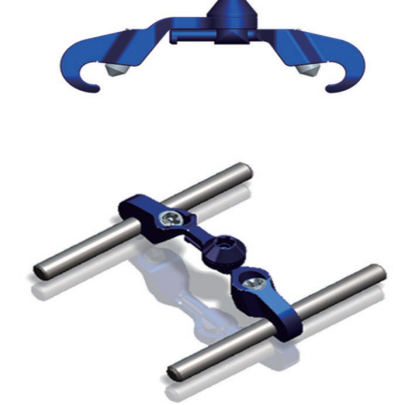
Cat. No.	Size
6105-0000	M4 * 0.5P

Cat. No.	Size
6105-0001	M4 * 0.5P

Indications

The CastleLoc-S Posterior Cervical Fixation System is intended to provide immobilization and stabilization of spinal segments as an adjunct to fusion for the following acute and chronic instabilities of the cervical spine (C1 to C7) and the thoracic spine (T1-T3): traumatic spinal fractures and/or traumatic dislocations; instability or deformity; failed previous fusions (e.g., pseudarthrosis); tumors involving the cervical spine; and degenerative disease, including intractable radiculopathy and/or myelopathy, neck and/or arm pain of discogenic origin as confirmed by radiographic studies, and degenerative disease of the facets with instability. The CastleLoc-S Posterior Cervical Fixation System is also intended to restore the integrity of the spinal column even in the absence of fusion for a limited time period in patients with advanced stage tumors involving the cervical spine in whom life expectancy is of insufficient duration to permit achievement of fusion. The CastleLoc-S Posterior Cervical Fixation System can be linked to the Lnk Spinal Fixation System and PathLoc-C Posterior Cervical Fixation System via rod to rod connector and transitional rod.

Rod to Rod Connectors

Axial R- to-R Type	Side R- to-R Type	Angled R- to-R Type
 Cervical Rod Ø3.5 Cervical Rod Ø3.5 Thoracic Rod Ø6.0	 Thoracic(Cervical) Rod : Ø6.0(Ø3.5) Cervical Rod : Ø3.5 6, 7, 8 8, 9, 10	 10° 6, 7, 8
Cross Link (Plate Type)	Cross Link (Bar Type)	Cross Link (Plate Type)
		

Cervical Rod

100 & 200

[Ti alloy, ASTM F136]

Ø3.5

[CoCrMo alloy, ASTM F1537]

Transitional Rod

Technical drawing of a tensile specimen for Ti alloy (ASTM F136) and CoCrMo alloy (ASTM F1537). The Ti alloy specimen has a gauge length of 100 mm and 150 mm, and a diameter of Ø3.5 mm. The CoCrMo alloy specimen has a gauge length of 250 mm and 300 mm, and a diameter of Ø6.0 mm.

Lateral Connectors



[None Stopper]



[Stopper]

Ordering Information

Ordering Information – Plate

Polyaxial Screw(2.4mm Neck)			
Cat. No.	Size		Color
	D	L	
6111-3510	3.5	10	Blue
6111-3512	3.5	12	Blue
6111-3514	3.5	14	Blue
6111-3516	3.5	16	Blue
6608-3518	3.5	18	Blue
6111-3520	3.5	20	Blue
6111-4010	4.0	10	Gold
6111-4012	4.0	12	Gold
6111-4014	4.0	14	Gold
6111-4016	4.0	16	Gold
6111-4018	4.0	18	Gold
6111-4020	4.0	20	Gold

Polyaxial Screw(3.0mm Neck)			
Cat. No.	Size		Color
	D	L	
6114-3522	3.5	22	Purple
6114-3524	3.5	24	Purple
6114-3526	3.5	26	Purple
6114-3528	3.5	28	Purple
6114-3530	3.5	30	Purple
6114-3532	3.5	32	Purple
6114-3534	4.0	34	Purple
6114-4022	4.0	22	None
6114-4024	4.0	24	None
6114-4026	4.0	26	None
6114-4028	4.0	28	None
6114-4030	4.0	30	None
6114-4032	4.0	32	None
6114-4034	4.0	34	None

Cervical Set Screw	
Cat. No.	Size
6104-7037	M7 * 1.0P

Cervical Cross Link			
Cat. No.	Type	Size	Color
		L	
6141-1001	Plate(S)	29-34	Blue
6141-1002	Plate(M)	34-42	Blue
6141-1003	Plate(L)	42-58	Blue

6141-2001	Bar(S)	29-34	Blue
6141-2002	Bar(M)	34-42	Blue
6141-2003	Bar(L)	42-58	Blue
6141-3001	Hybrid(S)	29-34	Blue
6141-3002	Hybrid(M)	34-42	Blue
6141-3003	Hybrid(L)	42-58	Blue
Cross Link Set Screw			
Cat. No.		Size	
6105-0001		M4 * 0.5P	

Ordering Information – Instrument

Cat No.	Description	QTY.
CP02-0101	AWL	1
CP02-0501	QUICK COUPLING HANDLE	2
CS02-0101	PROBE(STR)	1
CS02-0102	PROBE(CVD)	1
CS02-0103	BALL TERSTER(STR)	1
CS02-0104	BALL TERSTER(CVD)	1
CS02-0105	DEPTH GAUGE	1
CS02-0202	ADJUSTABLE DRILL GUIDE	1
CS02-0204	DRILL BIT - Ø2.6- 20mm	1
CS02-0301	TAP Ø3.0	1
CS02-0302	TAP Ø3.5	1
CS02-0401	POLY SCREW DRIVER	2
CS02-0402	REDUCTION SCREW DRIVER	2
CS02-0403	QUICK SCREW DRIVER	1
CS02-0404	SET SCREW DRIVER	2
CS02-0601	TORQUE LIMITING DRIVER	1
CS02-0602	ANTI TORQUE DEVICE	1
CS02-0701	ROD CUTTER	1
CS02-0702	ROD BENDER	1
CS02-0703	ROD HOLDER	1
CS02-0704	PERSUADER	1
CS02-0705	IN-SITU BENDER(L)	1
CS02-0706	IN-SITU BENDER(R)	1
CS02-0707	COMPRESSOR	1
CS02-0708	DISTRACTOR	1
CS02-0709	ALIGNMENT GUIDE	1
CS02-0711	ROD PUSHER	1
CS02-0712	REDUCTION CUTTER	1

Semi Reduction Screw(2.4mm Neck)			
Cat. No.	Size		Color
	D	L	
6112-3510	3.5	10	Blue
6112-3512	3.5	12	Blue
6112-3514	3.5	14	Blue
6112-3516	3.5	16	Blue
6112-3518	3.5	18	Blue
6112-3520	3.5	20	Blue
6112-4010	4.0	10	Gold
6112-4012	4.0	12	Gold
6112-4014	4.0	14	Gold
6112-4016	4.0	16	Gold
6112-4018	4.0	18	Gold
6112-4020	4.0	20	Gold

Semi Reduction Screw(3.0mm Neck)			
Cat. No.	Size		Color
	D	L	
6115-3522	3.5	22	Purple
6115-3524	3.5	24	Purple
6115-3526	3.5	26	Purple
6115-3528	3.5	28	Purple
6115-3530	3.5	30	Purple
6115-3532	3.5	32	Purple
6115-3534	4.0	34	Purple
6115-4022	4.0	22	None
6115-4024	4.0	24	None
6115-4026	4.0	26	None
6115-4028	4.0	28	None
6115-4030	4.0	30	None
6115-4032	4.0	32	None
6115-4034	4.0	34	None

Cervical Rod		
Cat. No.	Size	
	D	L
6121-3510	3.5	100
6121-3520	3.5	200

Axial Rod to Rod Connector			
Cat. No.	Size		Color
	D	L	
6143-3535	3.6/3.6	13.5	Blue
6143-3560	3.6/6.1	19	Blue

Side Rod to Rod Connector			
Cat. No.	Size		Color
	D	L	
6143-3535	3.6/3.6	13.5	Blue
6143-3560	3.6/6.1	19	Blue

6142-1038	3.6	13.5	Blue
6142-1039	3.6	14.5	Blue
6142-1030	3.6	15.5	Blue

6142-1068	3.6/6.1	16.5	Blue
6142-1069	3.6/6.1	17.5	Blue
6142-1060	3.6/6.1	18.5	Blue

Partially Polyaxial Screw(2.6mm Neck)			
Cat. No.	Size		Color
	D	L	
6117-3520	3.5	20	Blue
6117-3522	3.5	22	Blue
6117-3524	3.5	24	Blue
6117-3528	3.5	28	Blue
6117-3532	3.5	32	Blue
6117-3536	3.5	36	Blue
6117-3540	4.0	40	Blue
6117-4020	4.0	20	Gold
6117-4022	4.0	22	Gold
6117-4024	4.0	24	Gold
6117-4028	4.0	28	Gold
6117-4032	4.0	32	Gold
6117-4036	4.0	36	Gold
6117-4040	4.0	40	Gold

Partially Semi Reduction Screw(2.6mm Neck)			
Cat. No.	Size		Color
	D	L	
6118-3520	3.5	20	Blue
6118-3522	3.5	22	Blue
6118-3524	3.5	24	Blue
6118-3528	3.5	28	Blue
6118-3532	3.5	32	Blue
6118-3536	3.5	36	Blue
6118-3540	4.0	40	Blue
6118-4020	4.0	20	Gold
6118-4022	4.0	22	Gold
6118-4024	4.0	24	Gold
6118-4028	4.0	28	Gold
6118-4032	4.0	32	Gold
6118-4036	4.0	36	Gold
6118-4040	4.0	40	Gold

Transitional Rod		
Cat. No.	Size	
	D	L
6125-61030	3.5-6.0	100-300(400)
6125-61525	3.5-6.0	150-250(400)

RIGHT Side Rod to Rod Connector(10°)			
Cat. No.	Size		Color
	D	L	
6142-2168	3.6/6.1	16	Blue
6142-2169	3.6/6.1	17	Blue
6142-2160	3.6/6.1	18	Blue

LEFT Side Rod to Rod Connector(10")			
Cat. No.	Size		Color
	D	L	
6142-3168	3.6/6.1	16	Blue
6142-3169	3.6/6.1	17	Blue
6142-3160	3.6/6.1	18	Blue

Lateral Connector Stopper			
Cat. No.	Size		Color
	D	L	
6145-0010	3.5	10	Blue
6145-0011	3.5	11	Blue

Accessory Set screw	
Cat. No.	Size
6105-0000	M4 * 0.5P

Cat No.	Description	QTY.
CS02-0801	ACCESSORY SET SCREW DRIVER	1
CS02-0802	ACCESSORY TORQUE LIMITING DRIVER	1
CS02-0803	CROSS LINK ANTI-TORQUE DEVICE	1
CS02-0001	IMPLANT CONTAINER COVER	1
CS02-0002	IMPLANT CONTAINER	1
CS02-0003	IMPLANT UPPER TRAY	1
CS02-0004	1st INSTRUMENT CONTAINER COVER	1
CS02-0005	1st INSTRUMENT CONTAINER	1
CS02-0006	1st INSTRUMENT UPPER TRAY	1
CS02-0007	1st INSTRUMENT LOWER TRAY	1
CS02-0008	2nd INSTRUMENT CONTAINER COVER	1
CS02-0009	2nd INSTRUMENT CONTAINER	1
CS02-0010	2nd INSTRUMENT UPPER TRAY	1
CS02-0011	2nd INSTRUMENT LOWER TRAY	1
CS02-0012	POLYAXIAL SCREW COVER	1
CS02-0013	POLYAXIAL SCREW CASE	1
CS02-0014	POLYAXIAL SCREW OVER 22mm CADDY COVER	1
CS02-0015	POLYAXIAL SCREW OVER 22mm CADDY BASE	1
CS02-0016	PARTIALLY CADDAY COVER	1
CS02-0017	PARTIALLY CADDY BASE	1
CS02-0018	ACCESSORY CADDY COVER	1
CS02-0019	ACCESSORY CADDY BASE	1
CS02-0020	REDUCTION SCREW CASE COVER	1
CS02-0021	REDUCTION SCREW CADDY CASE	1
CS02-0022	REDUCTION SCREW OVER 22mm CADDY COVER	1
CS02-0023	REDUCTION SCREW OVER 22mm CADDY BASE	1
CS02-0024	PARTIALLY REDUCTION CADDY COVER	1
CS02-0025	PARTIALLY REDUCTION CADDY BASE	1