

Consumables Catalogue

IONM

EEG

EMG



NCC Medical Co., Ltd.

One-stop provider for neuro-electrophysiological devices, consumables & solutions since 1997

Index

About NCC	01
CYNAPSE IONM System	02
◻ NCC Patented Rainbow Electrodes.....	03
NCC Rainbow Electrodes For Recording.....	03
NCC Rainbow Electrodes For Stimulation.....	04
Subdermal Needle& Corckscrew Electrodes Series.....	06
◻ Probe For Stimulation.....	07
◻ Cortical Mapping Electrodes.....	09
◻ D Wave Electrodes.....	10
◻ Urinary Catheter Electrodes.....	11
◻ BIS Electrodes.....	11
◻ NCC Surgery Kits.....	12
Smart IOM System	18
◻ Endotracheal Tube & Adhesive Laryngeal Electrodes.....	19
Electroencephalograph (EEG) System	22
Electromyograph (EMG) System	23
NCC Myonet Precision Therapy System	27
Biofeedback	28



About NCC

NCC Medical delivers cutting-edge medical equipment, electrodes, consumables, and accessories. Through strategic partnerships with top-tier suppliers, we ensure access to best-in-class products that meet your daily needs with reliability and excellence.

As a leading manufacturer of medical devices, NCC Medical has been committed to the research and development of electro-neurophysiology solutions since 1997. With four state-of-the-art production facilities located in Shanghai and Jiangxi, our operations span over 30,000 square meters. We are proud to have a team of 300+ employees, including 100 highly skilled engineers in our dedicated R&D department.

NCC Medical is proud to provide competitive pricing, incredible customer service, and prompt shipping options. Thank you for choosing NCC Medical !

NCC = 诺诚 in Chinese

N

Nuo (诺)
commit**N**t
iNnovation
ION**M**

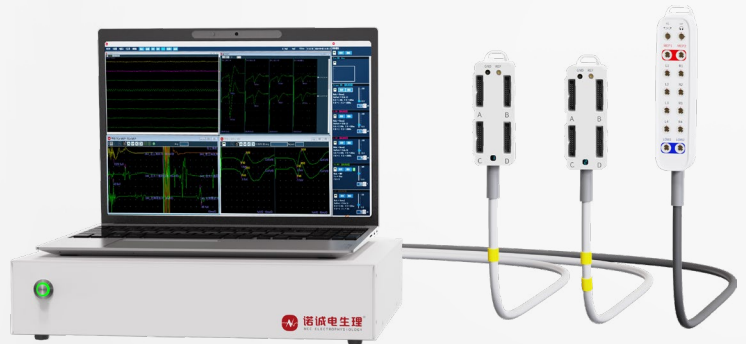
C

Cheng (诚)
sin**C**erity
servi**C**e
ele**C**trophysiology

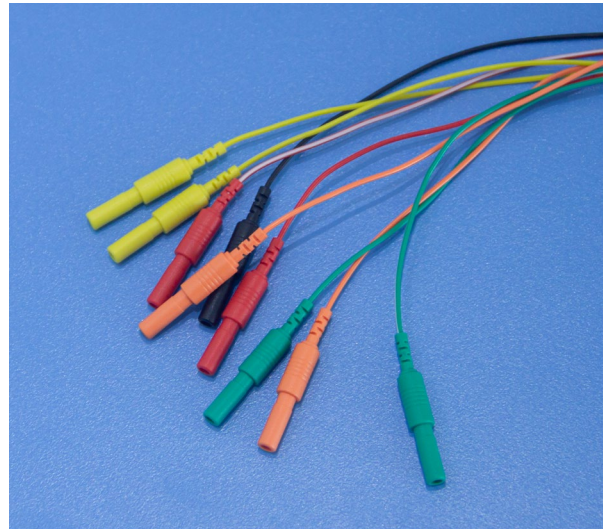
C

China (中国)
Collabotation
Creation
Connection

Cynapse[®] IONM System



NCC Patented & Universal Connector



○ Smart Color-Coding

Easily identify channels with intuitive color codes

Color coding :

- CH1: Red, Red-White
- CH2: Orange, Orange-White
- CH3: Yellow, Yellow-White
- CH4: Green, Green-White
- Ground: Black

Eliminating connection errors during critical procedures

○ High-Quality TPE Material

30% more flexible than standard PVC

Enhanced signal clarity with reduced impedance

Phthalate-free and skin-friendly material for added safety

○ Tangle-Free Confidence

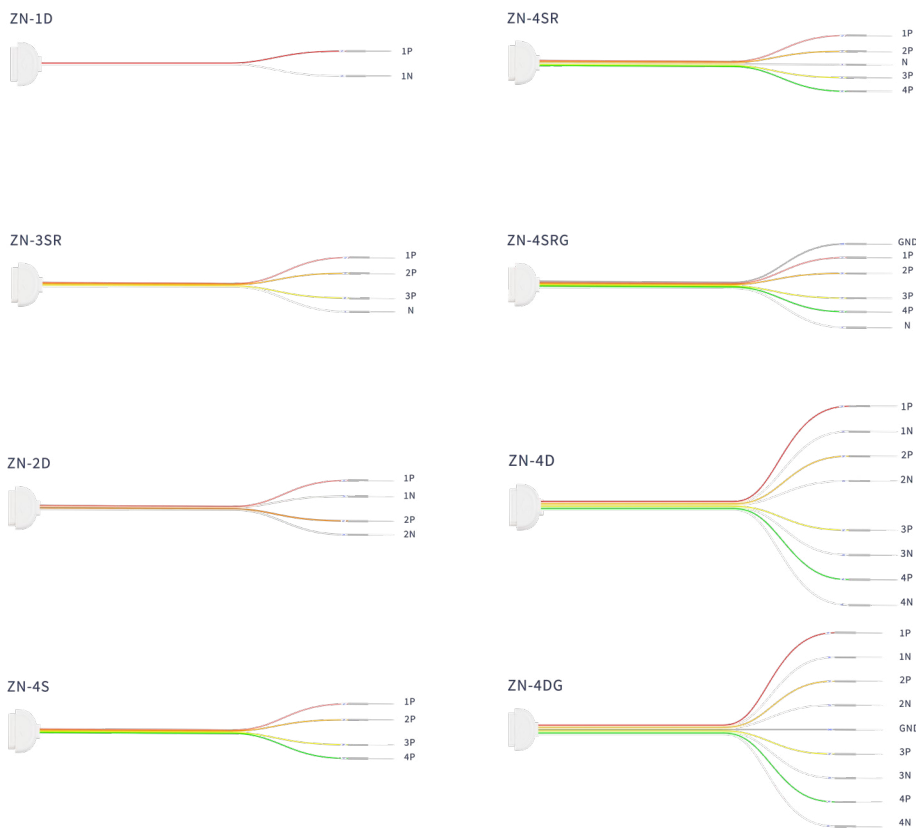
Patented cable management system:

- Faster setup in sterile fields
- Prevents cross-channel signal contamination

NCC Patented Rainbow Electrodes

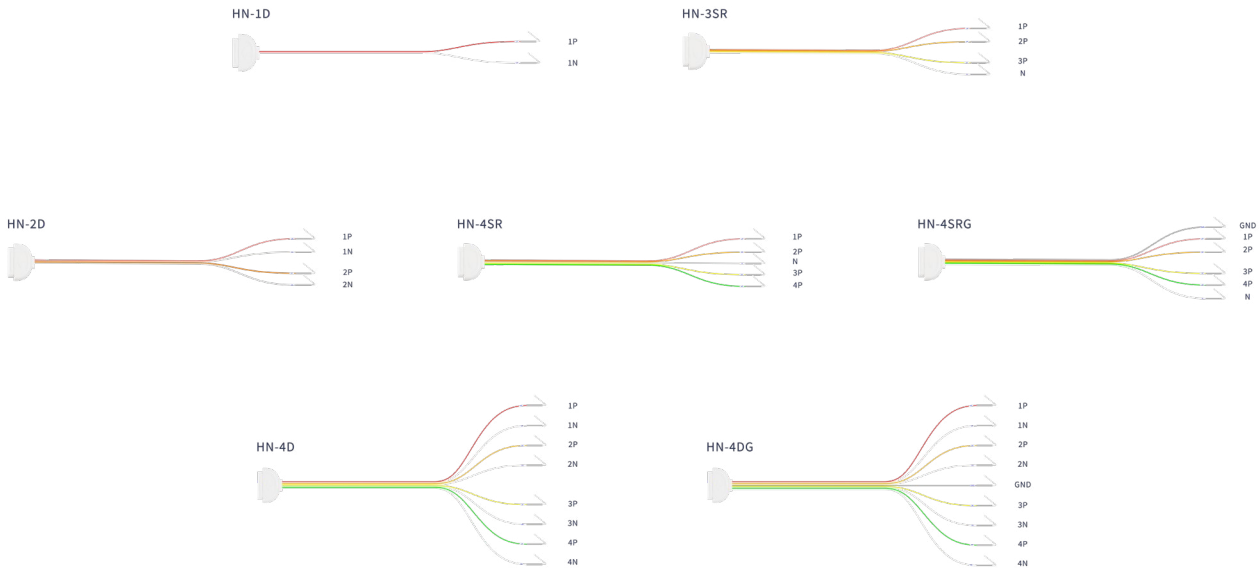
Application: The product is used in conjunction with suitable monitoring equipment for the acquisition and conduction of electrical signals from relevant subcutaneous areas of the human body.

NCC Rainbow Recording Electrodes: Straight Needle Electrodes



Specifications									
Product Series	Model	Features	Needle			Wire			Package
			Material	Length	Diameter	Material	Length	Color	
Straight needle electrodes	ZN-1D	1 CH-bipolar	Stainless steel	13mm	0.4mm	TPU	1500mm (standard), customizable 1500-2500mm	6 colors	60 pcs/ carton
	ZN-3SR	3CH -Shared REF							
	ZN-2D	2 CH-Bipolar							
	ZN-4S	4 CH-Monopolar							
	ZN-4SR	4CH -Shared REF							
	ZN-4SRG	4CH -Shared REF-GND							
	ZN-4D	4 CH-Bipolar							
	ZN-4DG	4 CH-Bipolar-GND							

NCC Rainbow Recording Electrodes: Curved Needle Electrodes



Specifications									
Product Series	Model	Features	Needle			Wire			Package
			Material	Length	Diameter	Material	Length	Color	
curved needle electrodes	HN-1D	1 CH-Bipolar	Stainless steel	13mm	0.4mm	TPU	1500mm (standard), customizable 1500-2500mm	6 colors	60 pcs / carton
	HN-3SR	3CH -Shared REF							
	HN-2D	2 CH-Bipolar							
	HN-4SR	4CH -Shared REF							
	HN-4SRG	4CH -Shared REF-GND							
	HN-4D	4 CH-Bipolar							
	HN-4DG	4 CH-Bipolar-GND							

NCC Rainbow Electrodes for Stimulation

4 Types of Electrodes For Stimulation



Specifications									
Product Series	Model	Features	Needle			Wire			Package
			Material	Length	Diameter	Material	Length	Color	
Stimulation electrodes	SWF-1D	single-channel, bipolar, spiral	Stainless steel	30mm	0.6mm	TPU	1500-2500mm	2 colors	20 pcs /box 4 box /1 carton
	ZNF-1D	single-channel, bipolar, straight pins		13mm	0.4mm				
	HNF-1D	single-channel, bipolar, bent pins							

Subdermal Needle & Corkscrew Electrodes Series

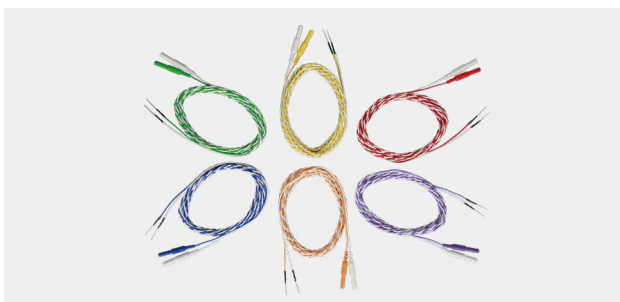
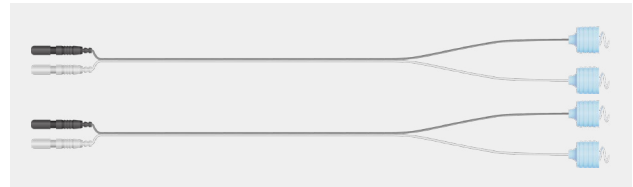
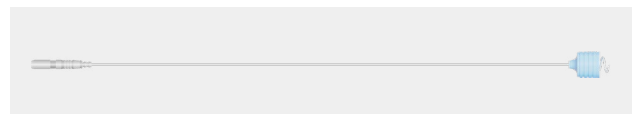
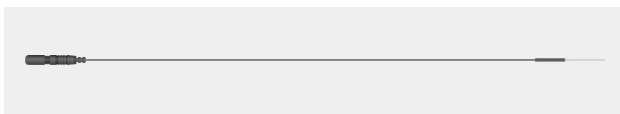
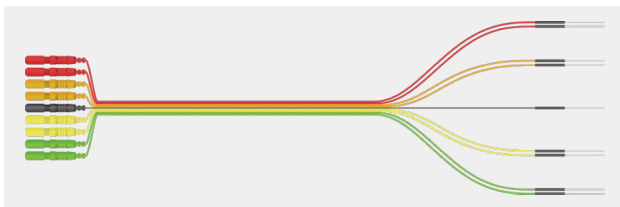
Advantages:

*Customized colors and threads

*Upgraded materials

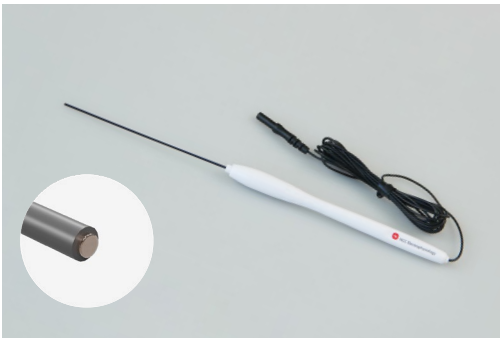
*Increased immunity to interference

*Tidier convenience for usage



Product Series	Model	Features	Needle			Wire			Package
			Material	Length	Diameter	Material	Length	Color	
Subdermal needle electrodes	SNET9	Single-core, straight pin, 9-row parallel line type	Stainless steel	13mm	0.4mm	TPU	2000mm (standard), customizable 1500-2500mm	6/12 colors	60 pcs/ carton
	SNET2	Straight pin, parallel line type - TPU + 2-row parallel lines				TPU			
	SNET1	Straight pin, monopolar type - TPU + single core				TPU			
	CSEP1	Spiral monopolar type series, PVC + single wire				PVC			
	CSEP2	Spiral twisted pair type, PVC + twisted pair cable				PVC			
	CSEP2-2	Spiral twisted pair series - 2 pairs of CSEP2, PVC + twisted pair in one package				PVC			
	SNEP2	Straight pin, twisted pair type - PVC + twisted pair				PVC			
	SNEP1	Straight pin, monopolar type - PVC + single core				PVC			

NCC IONM Probe for Stimulation



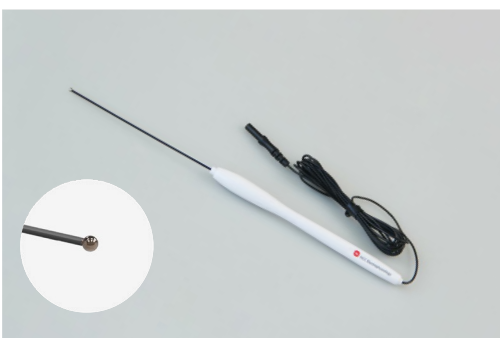
NO	Name	Model	Probe Diameter (mm)	Length of Connecting Wire (mm)	Effective Length of Probe (mm)	Package
1	Flush Tip Probe	FTP0890	0.8	2000/2500 or customized	90	1pc/box 50 pcs/ carton



NO	Name	Model	Probe Diameter (mm)	Length of Connecting Wire (mm)	Effective Length of Probe (mm)	Package
2	Monopolar Probe	MPP0890	0.8	2000/2500 or customized	90	1pc/box 50 pcs/ carton



NO	Name	Model	Probe Diameter (mm)	Length of Connecting Wire (mm)	Effective Length of Probe (mm)	Package
3	Bent Monopolar Probe	BMP2045	2.0	2000/2500 or customized	45	1pc/box 50 pcs/ carton



NO	Name	Model	Probe Diameter (mm)	Length of Connecting Wire (mm)	Effective Length of Probe (mm)	Package
4	Ball tip Probe	BTP2390	2.3	2000/2500 or customized	90	1pc/box 50 pcs/ carton



NO	Name	Model	Probe Diameter (mm)	Length of Connecting Wire (mm)	Effective Length of Probe (mm)	Package
5	Concentric Probe	CPP1390	1.3	2000/2500 or customized	90	1pc/box 50 pcs/ carton



NO	Name	Model	Probe Diameter (mm)	Length of Connecting Wire (mm)	Effective Length of Probe (mm)	Package
6	Bent Concentric Probe	BCP1390	1.3	2000/2500 or customized	90	1pc/box 50 pcs/ carton



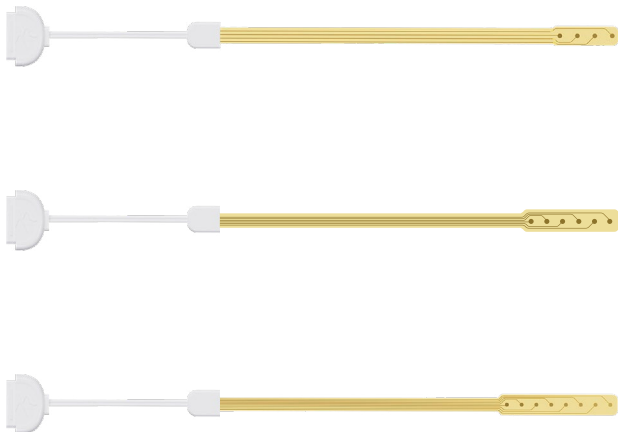
NO	Name	Model	Probe Diameter (mm)	Length of Connecting Wire (mm)	Effective Length of Probe (mm)	Package
7	Bipolar Ball Tip Stimulation Probes	BBTP2090	2.0	2000/2500 or customized	90	1pc/box 50 pcs/ carton



NO	Name	Probe Diameter (mm)	Length (mm)	Package
8	Dissociation forceps nerve probe	5	330	1pc/box

CorELink™ Cortical Electrodes

Application: This product conducts EEG signals by connecting to an EEG receiving device. The product should be sterile. It can be used in conjunction with an external EEG receiver for intracranial diagnosis of clinical epilepsy.



NO	Name	Parameters	Wire Length	Package
1	GECOG-1*4	10mm spacing, DIN1.5 plugs	2000mm/ 2500mm	60pcs/ box
2	GECOG-1*6			
3	GECOG-1*8			

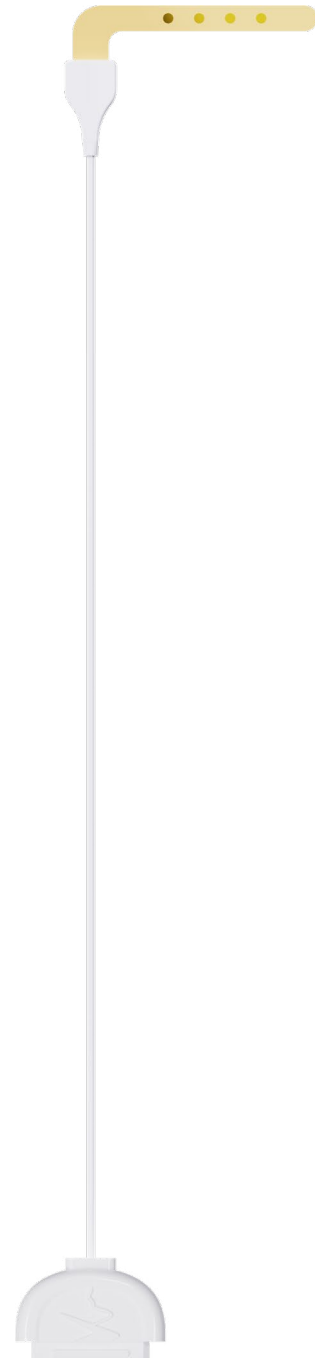
CordLink™ D-Wave Electrodes

NCC Medica Electrodes for Central Nervous System

NCC Medica electrodes are disposable electrodes designed for electrical stimulation and recording during intraoperative monitoring.

The **D-WAVE** is a multipole electrode array positioned on the spinal column for D-wave recording.

- **Single-use** for enhanced hygiene and safety
- **Optimized contact spacing** for superior D-wave recording
- **Flat recording area** for improved stability during recording
- **Maximum flexibility** for versatile positioning and comfort



UroTrack™ Urinary Catheter Electrodes

- No electrodes required
- Pre-wired 2 meter twisted pair wire leads
- Safe and flexible low-profile gold contacts
- Uniform
- Consistently low, balanced impedance
- Clinically robust TcMEP
- Sensitive triggered EMG
- Sensitive spontaneous EMG

NO	Name	Size	Package
1	CEFr8	Fr8	48pcs/carton
2	CEFr10	Fr10	
3	CEFr12	Fr12	
6	CEFr14	Fr14	
7	CEFr16	Fr16	
8	CEFr18	Fr18	



BISync™ BIS Electrodes

BIS monitoring technology provides real-time information about a patient's status, helping clinicians tailor anaesthetic management to individual needs. This can be particularly valuable for:

- Patients with complex conditions who may experience sudden or frequent changes in status
- Patients with cardiovascular conditions
- Obese patients
- Trauma patients or those requiring lower levels of anaesthesia

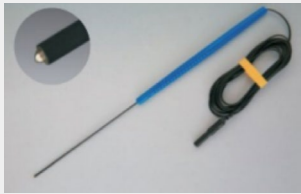



NCC Surgery Kits

One Surgery One Kit, Cumbersome preparation of consumables out!
According to different types of surgery We provide different choices.

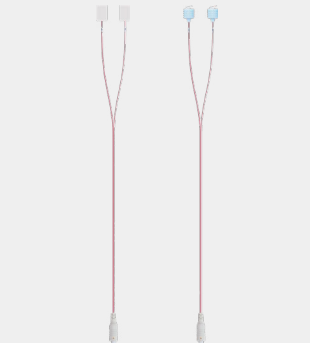



Thyroid Surgery Electrodes Kits Solution

Mode Type	Stimulating Electrodes	Recording Electrodes
Free EMG Trigger EMG		



Surgery Electrodes Kits Solution

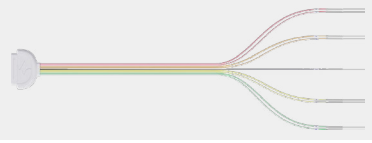


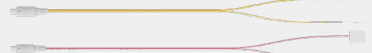
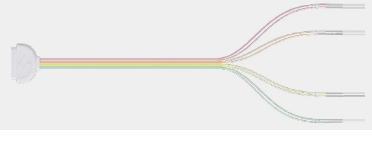
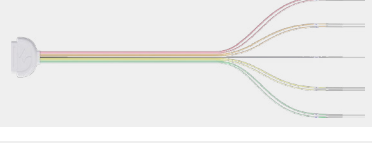
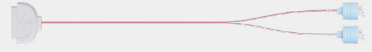



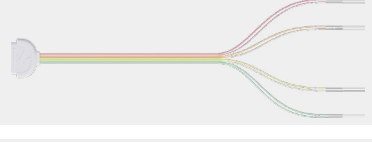
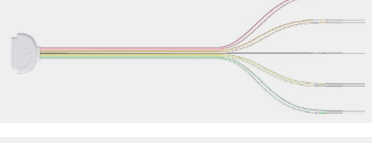
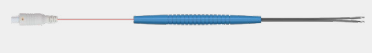
Cervical Spine Surgery

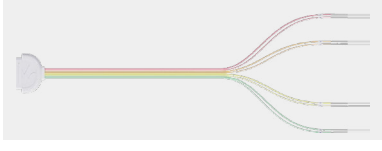
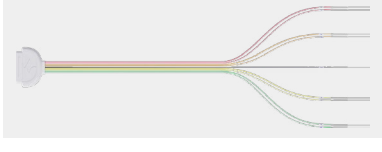


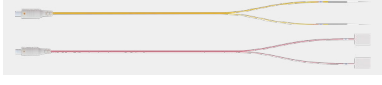
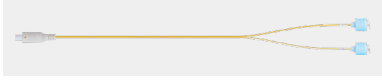
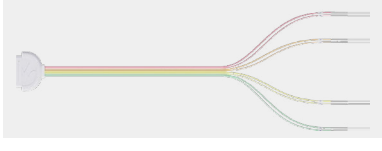
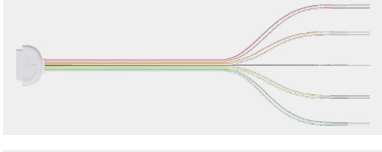

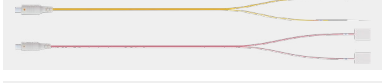
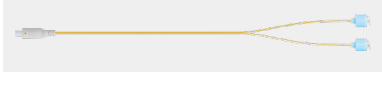
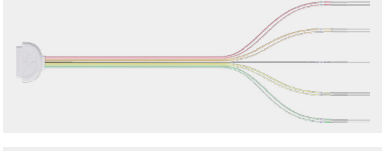

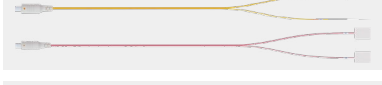

Mode Type	Stimulating Electrodes	Recording Electrodes
U SEP Free EMG Trigger EMG Tce MEP Pedicle Screw TOF		

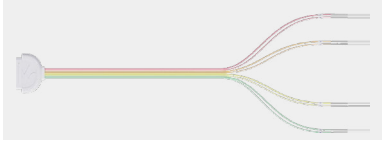
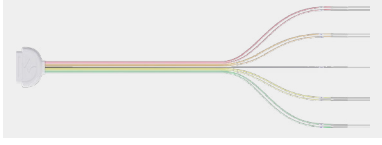
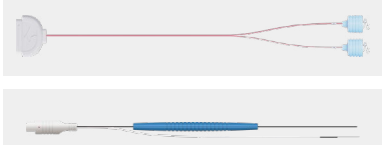
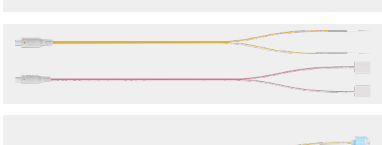
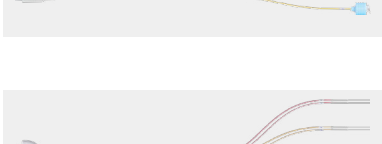
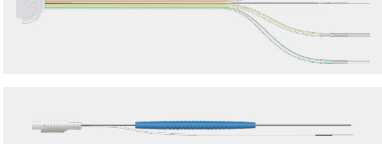
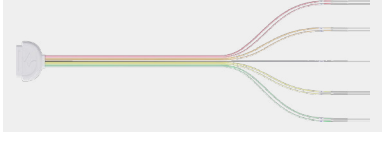
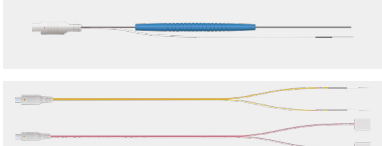
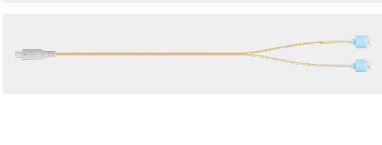
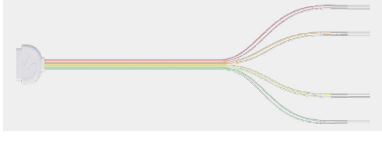
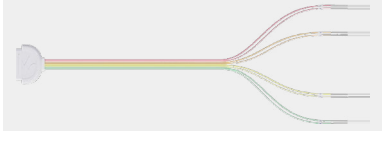
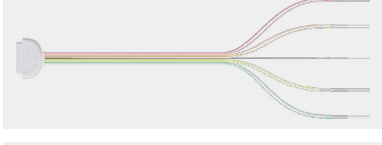

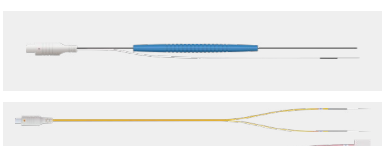
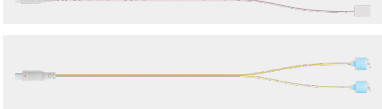
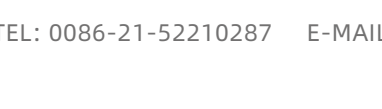
Surgery Electrodes Kits Solution

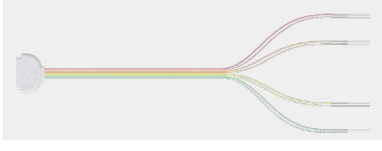

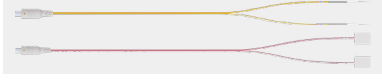
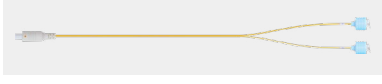
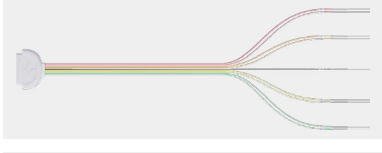

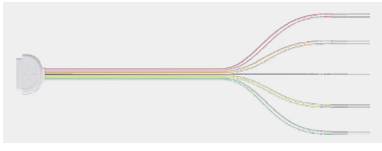
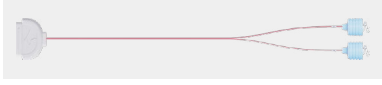
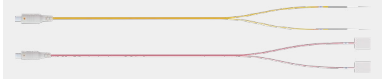
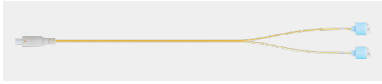
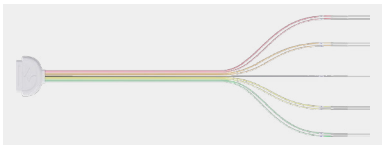
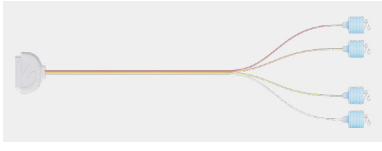
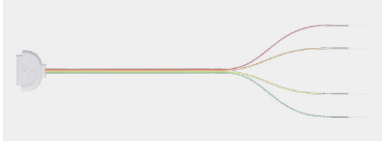
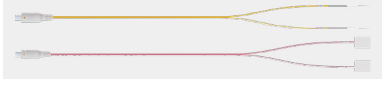
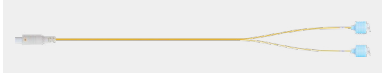
ENT Tumor Surgery

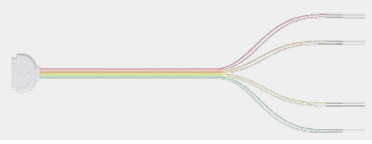
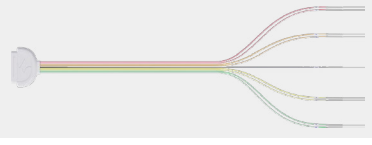
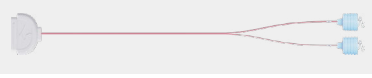
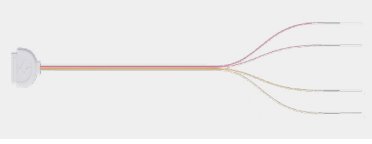
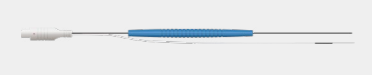
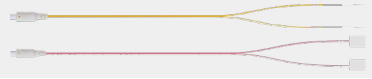
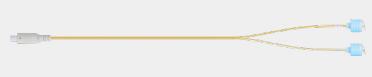
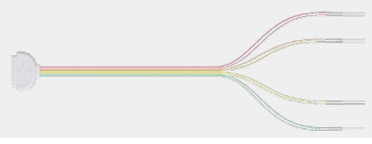
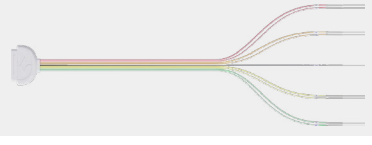
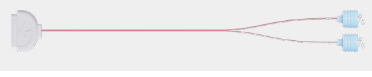
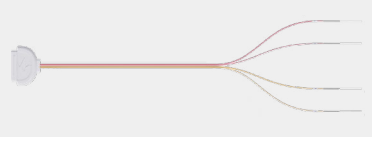

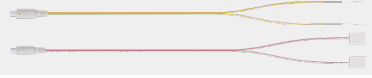

Mode Type	Recording Electrodes	Probe
EMG Triger EMG BAEP Facial MEP		

Cynapse IONM G3.0 Electrodes Kit						
No.	Surgical Name	Electrodes Name	Image	Model	Description	QTY (set)
1	Microvascular Decompression (MVD)	Recording Electrodes		ZN-4DG	Free EMG Trigger EMG Facial MEP BAEP	1
				ZN-1D		Increased hearing
		Probe		PN-1090		optional
		Stimulating Electrodes		ZNF-1D or SEF-1D		2
2	Functional Area Surgery	Recording Electrodes		ZN-4D	Motor Mapping MEP SEP EMG	1
				ZN-4DG		1
				SW-1D		1
		Probe		PN-1090		1
		Stimulating Electrodes		ZNF-1D or SEF-1D		2
				SWF-1D		1
3	Selective posterior rhizotomy surgery (SPR)	Recording Electrodes		ZN-4D	L SEP MEP BCR Free EMG Trigger EMG	2
				ZN-4DG		1
		Probe		Bent hook bipolar		1

4	Scoliosis Orthopedics Surgery	Recording Electrodes		ZN-4D	USEP LSEP Free EMG Trigger EMG Tce MEP Pedicule Screw TOF	3
				ZN-4DG		1
				SW-3SR		1
		Probe		PN-1090		1
		Stimulating Electrodes		ZNF-1D or SEF-1D		2
				SWF-1D		1
5	Cervical Spine Surgery	Recording Electrodes		ZN-4D	USEP LSEP Free EMG Trigger EMG Tce MEP Pedicule Screw TOF	1
				ZN-4DG		1
				SW-3SR		1
		Stimulating Electrodes		ZNF-1D or SEF-1D		2
				SWF-1D		1
		6	Intracranil Tumor Surgery	Recording Electrodes		
	SW-3SR				1	
Stimulating Electrodes				ZNF-1D or SEF-1D	2	
				SWF-1D	1	

7	Cauda Equina Tumor Surgery	Recording Electrodes		ZN-4D	U SEP L SEP Tce MEP Motor Mapping	2
				ZN-4DG		1
				SW-1D		1
		Probe		PN-1090		1
		Stimulating Electrodes		ZNF-1D or SEF-1D		1
				SWF-1D		1
8	Urology Surgery	Recording Electrodes		ZN-4DG	EMG TRIG EMG BCR SEP	1
		Probe		WG-23160		1
		Stimulating Electrodes		ZNF-1D or SEF-1D		1
				SWF-1D		1
9	Cerebellopontine Angel Tumors(CPA) Surgery	Recording Electrodes		ZN-4D	Free EMG Trigger EMG Facial MEP BAEP U SEP	1
				ZN-4DG		1
				SW-2SR		1
				ZN-2SR		increased hearing
		Probe		PN-1090		1
		Stimulating Electrodes		ZNF-1D or SEF-1D		1
				SWF-1D		1

10	Neurosurgical DSA Surgery	Recording Electrodes		ZN-4D	SEP MEP	1
				SW-3SR		1
		Stimulating Electrodes		ZNF-1D or SEF-1D		2
				SWF-1D		1
11	ENT Tumor Surgery	Recording Electrodes		ZN-4DG	EMG Triger EMG BAEP Facial MEP	1
		Probe		PN-1090		1
12	Thoracic Spine Surgery	Recording Electrodes		ZN-4DG	L SEP Free EMG Triger EMG Tce MEP Pedicule Screw TOF	1
				SW-1D		1
		Stimulating Electrodes		ZNF-1D or SEF-1D		1
				SWF-1D		1
13	Vascular Surgery	Recording Electrodes		ZN-4DG	U SEP L SEP Tce MEP Motor Mapping	1
				SW-3SR		1
				ZN-4S		increased EEG
		Stimulating Electrodes		ZNF-1D or SEF-1D		2
				SWF-1D		1

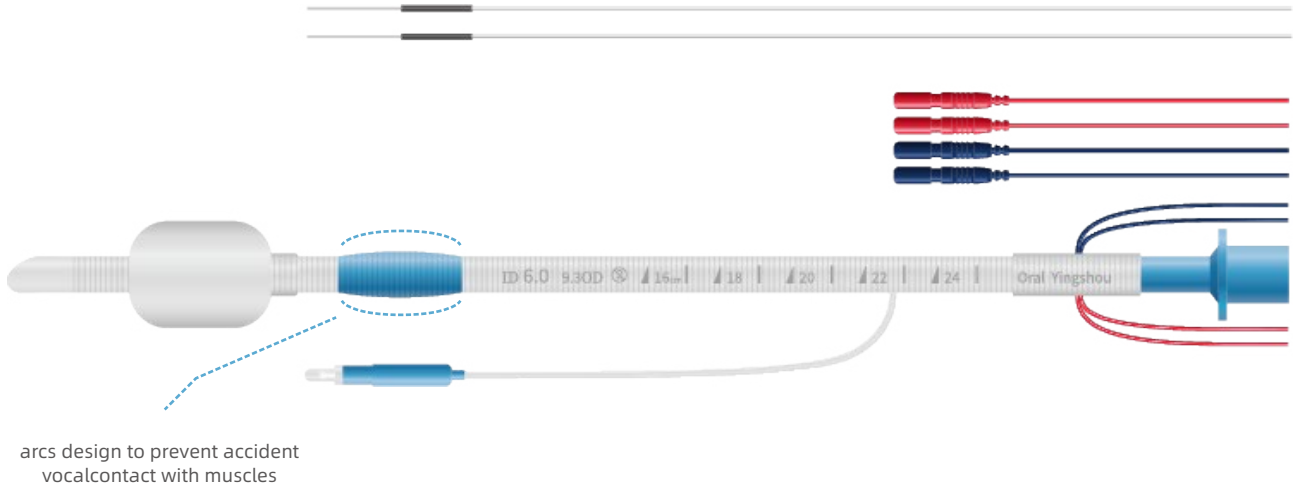
14	Thoracolumbar Surgery	Recording Electrodes		ZN-4D	L SEP Free EMG Trigger EMG Tce MEP Pedicule Screw TOF	1
				ZN-4DG		1
				SW-1D		1
				ZN-2D		Tumor increased
		Probe		PN-1090		1
		Stimulating Electrodes		ZNF-1D or SEF-1D		1
				SWF-1D		1
15	Lumbar Surgery	Recording Electrodes		ZN-4D	L SEP Free EMG Trigger EMG Tce MEP Pedicule Screw TOF	1
				ZN-4DG		1
				SW-1D		1
				ZN-2D		Tumor increased
		Probe		PN-1090		1
		Stimulating Electrodes		ZNF-1D or SEF-1D		1
				SWF-1D		1

Smart IOM System

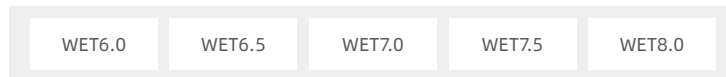


NCC NeuTrack EMG Endotracheal Tube & Adhesive Laryngeal Electrodes

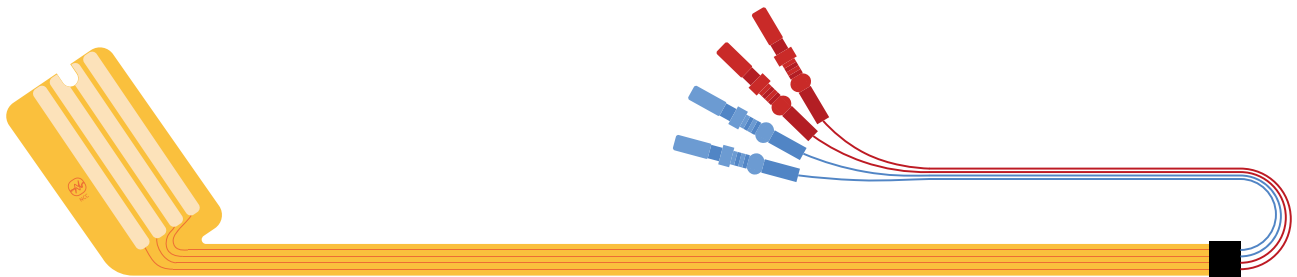
Special Design Emg Endotracheal Tube



Embedded in bilateral electrodes, the flexible EMG tube retains anatomical design blue marking for placement guidance

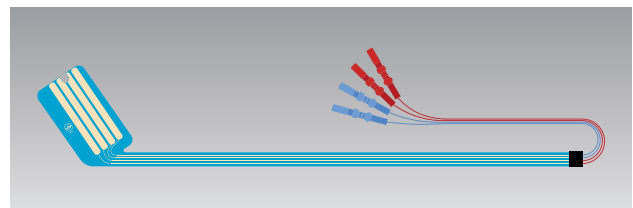
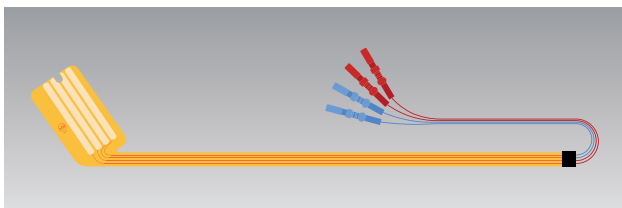
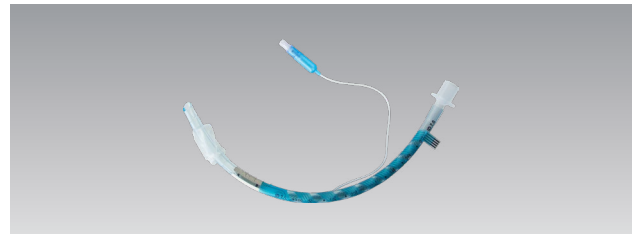
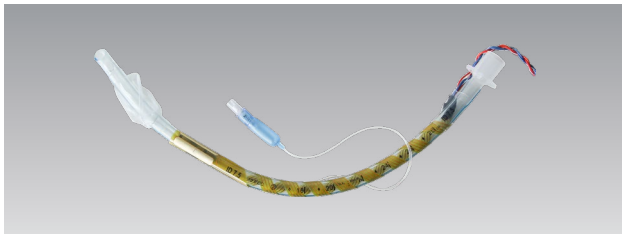
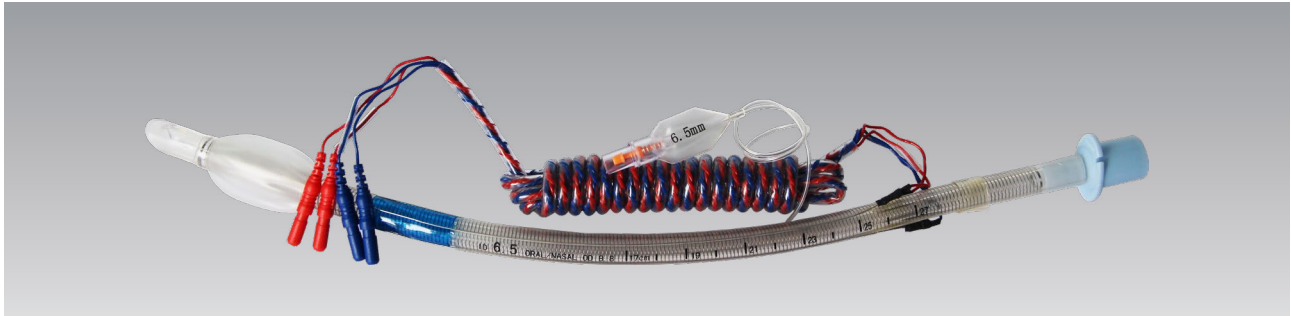


There are 5 tube sizes available to suit patients with different body sizes, and the built-in 4/8 electrode channels enable fast set up and accurate EMG signal display.

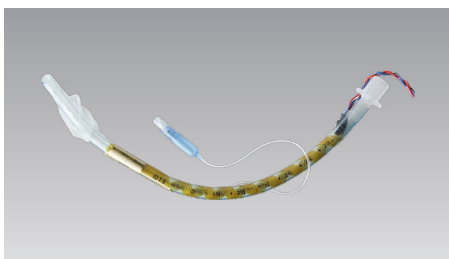


NCC Endotracheal Tube Series

Endotracheal tube: connects with suitable neuromonitoring device, provide clear airway for patient ventilation and as a tool of monitoring muscle and nerve action in throat during surgery. Through electrical stimulation of the recurrent laryngeal nerve, it forms nerve impulse and conducts. The EMG signal released by the innervation muscle is received by the electrode, and the EMG monitored by connecting the monitor device to determine the complete degree of nerve function

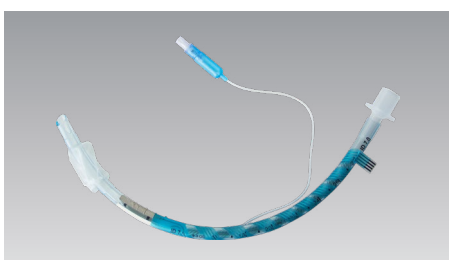


Flex EMG Endotracheal Tube



Reflex EMG Endotracheal Tube

- New material makes this more flexible and larger contact area



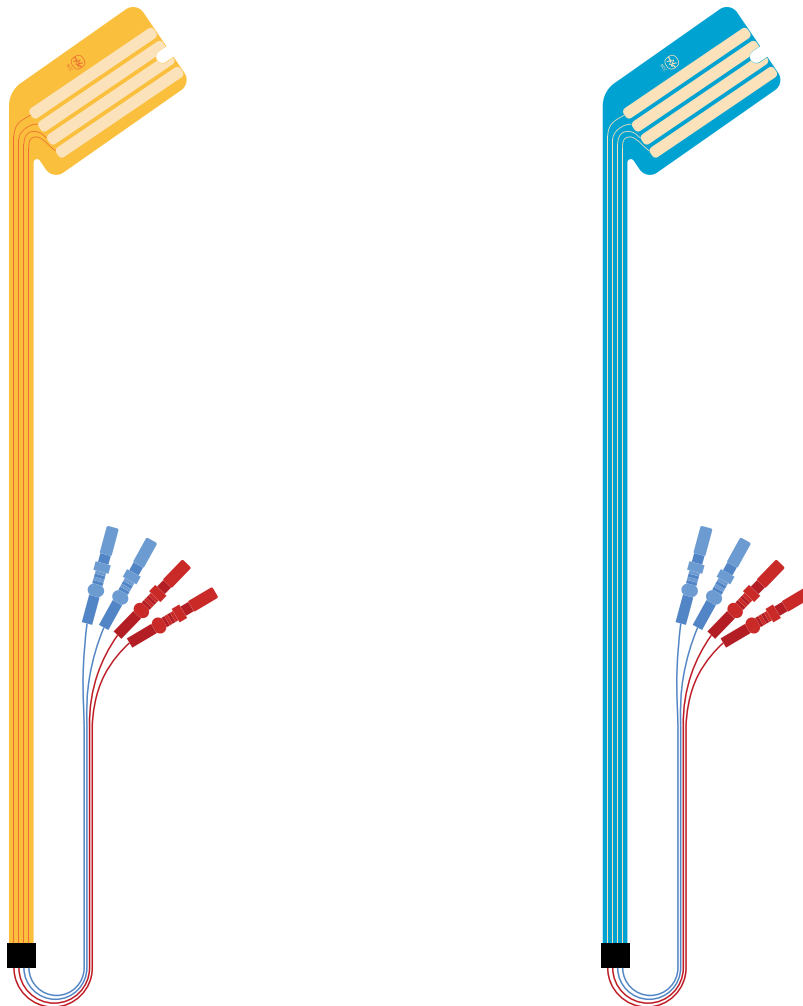
Specification

Channel No.	Size of Electrode (length*width) MM	Positions of Electrode	ID of Tube (MM)	OD of Tube (MM)	Cuffinflation Diameter (mm)
2	366*60	4	6.0	8.0	17
	366*60	4	6.5	8.7	17
	366*60	4	7.0	9.3	17
	366*60	4	7.5	10.0	21
	366*60	4	8.0	10.7	21
4	366*60	8	6.0	8.0	17
	366*60	8	6.5	8.7	17
	366*60	8	7.0	9.3	17
	366*60	8	7.5	10.0	21
	366*60	8	8.0	10.7	21

NCC Flex&ReFlex Adhesive Laryngeal electrodes

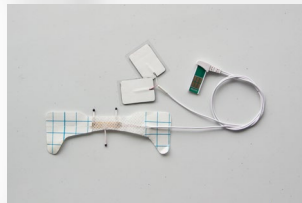
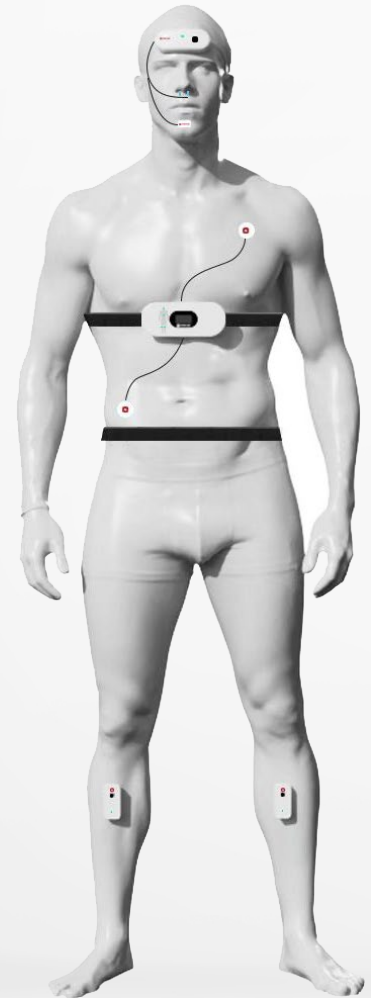
Enhance Surgical Safety and Patient Recovery

NCC Adhesive Laryngeal Electrodes, essential for monitoring the recurrent and superior laryngeal nerves during thyroid, parathyroid, and other laryngeal surgeries, are crafted with flexible, adhesive materials that seamlessly adhere to the laryngeal tube, ensuring nerve protection and post-operative nerve function integrity.



NO	Channel	Specification	Package
RXA-2S	2	For 6.0 and 6.5mm endotracheal tubes	50pcs/carton
RXA-2M		For 7.0 and 7.5mm endotracheal tubes	
RXA-2L		For 8.0 and 8.5mm endotracheal tubes	

Electroencephalograph (EEG) System



Product Name	Features	Qty	Unit	Package
ECG Electrodes Pad	Pre-gelled electrode pad(ECG)	1	bag	10pcs/bag
Electrodes for Physiotherapy	80*42mm	1	bag	40pcs/bag 25bag/carton

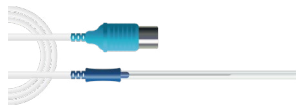
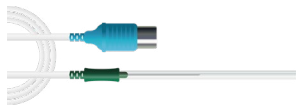
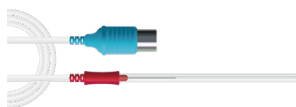
Electromyograph (EMG) System





EMG Consumables



Product Name	Description	Qty	Package
Nr.10.1-28 Nr.10.1-38 Nr.10.1-50	Disposable Sterile EMG Needle(S/M/L) Diameter:0.35,0.4.0.5	1	25 pcs/box
RT34 ,Surface electrodes, 100pcs/bag	Disposable ECG electrodes		100 pcs/bag
	Acupunctrue Needle:0.25*13mm		10 pcs/bag



Name	Model Number	Norm	Needle Diameter/ Needle Length/Thread Length (Mm)	Replace- ment (Parts)	Qty	Package
Disposable Concentric Needle Electrode With Wires	XNEN	2535	25/35/1500	not have	1	25 pcs/box
		3845	38/45/1500			
		5045	50/45/1500			
		7050	70/50/1500			

Name	Model Number	Norm	Needle Diameter/ Needle Length/Thread Length (Mm)	Replace- ment (Parts)	Qty	Package
 Disposable Concentric Needle Electrode	XEN	2535	25/35/nil	ENC1500	1	25 pcs/box
		3845	38/45/nil			
		5045	50/45/nil			
		7050	70/50/nil			
 Disposable Monopolar Needle Electrode	XMEN	2535	25/35/nil	ENC1500		
		3845	38/45/nil			
		5045	50/45/nil			
		7050	70/50/nil			

Wireless Surface EMG



NCC Myonet Precision Therapy System



EMG /STIM Injection Guidance with Advanced Nerve and Muscle stimulation. Providing precise EMG/STIM-based guidance for accurate injection delivery, ensuring effective and safe treatment in clinical applications.

Electrodes for Physiotherapy



Square size	Package
4*4cm	10 pair/bag



Injection Needle



Size	Needle Diameter	Package
Needle length: 25mm	0.3/0.35/0.4/0.45/0.5/0.65	20pcs/box 4box/carton



Biofeedback

Product Name	Impedance	Feature	Package
 Disposable Vaginal Electrode	$\leq 1\Omega$	Conductive Metal Part 13m*6mm 13m*7mm	1 pc/box
 Linear Rectal Electrode	$\leq 1\Omega$	Conductive Metal Part 16mm*7.3mm *39.65mm	

To be a world-renowned electrophysiology solution provider



Distributor Support Program

Buy Consumables, Get Free Devices

Valid until December 31, 2025

NCC Medical Co., Ltd.

Phone: 0086-21-52210287

Contact: export@cnnation.com

WEB: www.shnccmedical.com

Address: No.555 Qingdai Road, Pudong New Area,
Shanghai 201318, China

