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NOVA
SURGICAL STAPLERS

XNY
MEDICAL
Smart Surgical, Smart People, Smart Life

Professional Medical Device Manufacturer with over 30 years of Experience. | *Expertise and Knowledge in Medical Stapling and Laparoscopy.*



CONTENT

	1. XNY NOVA™ DISPOSABLE ENDOSCOPIC LINEAR CUTTER STAPLER	3-4
	2. XNY NOVA™ DISPOSABLE LINEAR CUTTER STAPLER	5-6
	3. XNY NOVA™ DISPOSABLE LINEAR CUTTER STAPLER	7-8
	4. XNY NOVA™ DISPOSABLE LINEAR STAPLER	9-10
	5. XNY NOVA™ DISPOSABLE CIRCULAR STAPLER	11-12
	6. XNY NOVA™ DISPOSABLE ENDOSCOPIC CIRCULAR STAPLER	13-14
	7. XNY NOVA™ DISPOSABLE CIRCULAR STAPLER	15-16
	8. XNY NOVA™ DISPOSABLE CIRCULAR STAPLER FOR HEMORRHOID	17-18
	9. XNY NOVA™ DISPOSABLE CIRCULAR STAPLER FOR HEMORRHOID	19-20

METICULOUS DESIGN, DILIGENT MANUFACTURE, HONEST MANAGEMENT AND ASSURED APPLICATION

Born in 1985, XNY Medical Stapler Co., Ltd is the first company in China to manufacture advanced internal mechanical staplers. Located in Changzhou, we have a rich innovative medical device business history spanning over 35 years, 25 years expertise in surgical stapling.

Our R&D focuses on meeting the high clinical requirements of surgeons and the demands of hospital budgets making XNY a natural choice for healthcare institutions worldwide. We are a recognised and eminent surgical stapling manufacturer that has become internationally accepted for quality, customer care and performance products.

At XNY we don't innovate for the sake of innovation alone but to improve life, we believe in customer centric innovation, innovation that is driven by real customer needs.

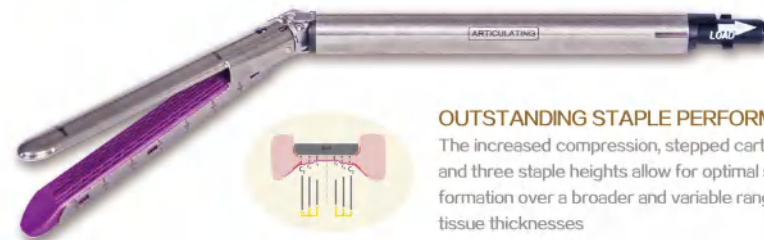
XNY NOVA™ DISPOSABLE ENDOSCOPIC LINEAR CUTTER STAPLER

NOVA™
SURGICAL STAPLERS



ARTICULATING DESIGN

Up to 45-degree, controlled articulation allows for improved access to challenging anatomy



OUTSTANDING STAPLE PERFORMANCE

The increased compression, stepped cartridge face and three staple heights allow for optimal staple formation over a broader and variable range of tissue thicknesses



REDUCED DISTAL EXTRUSION

The increased compression and stepped cartridge face facilitate the lateral diffusion of tissue and minimize the distal extrusion of tissue



INCREASED AND NON-EQUIVALENT STAPLE HEIGHT

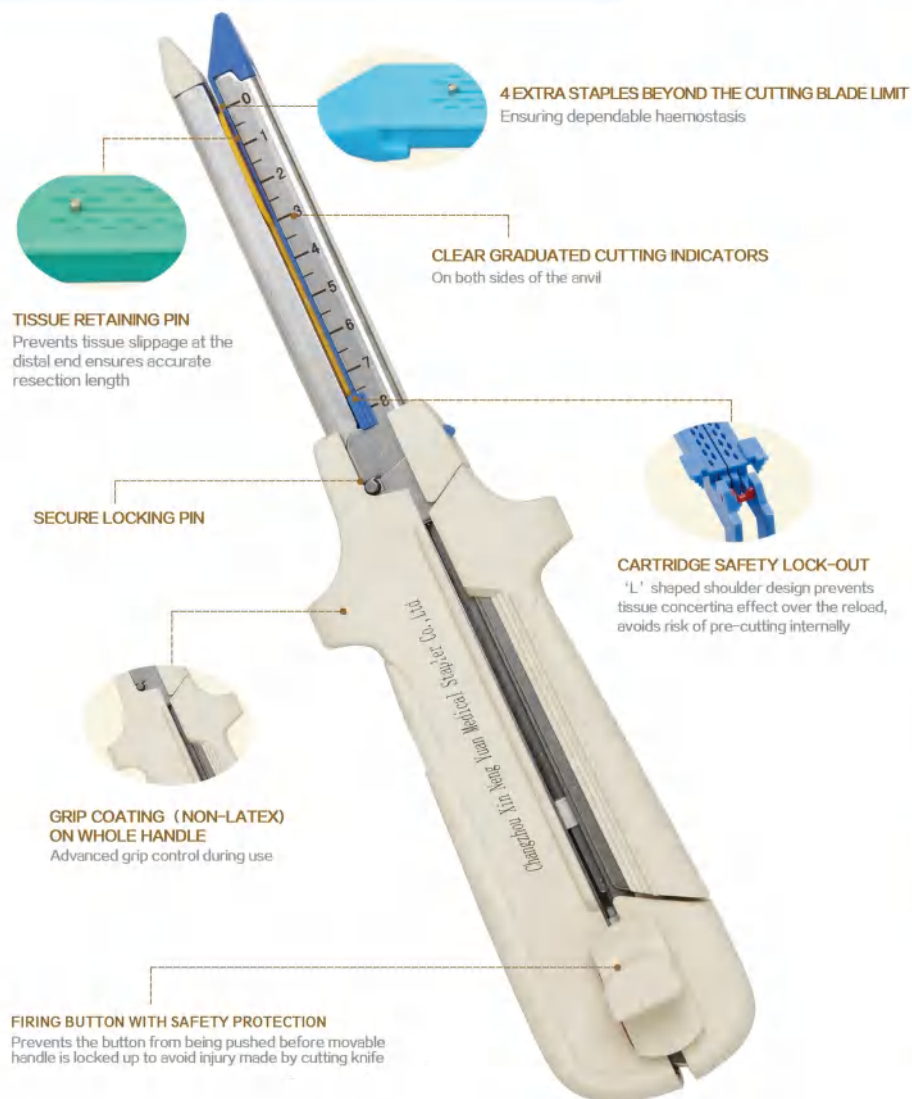
6 rows of staples with increased and non-equivalent closed staple height from medial to lateral side
Accommodate to suturing and hemostasis principles of treatment better

ORDERING INFORMATION AND PRODUCT DATA

Handle Code	Products Description	Rod Length	Pack Qty
XNY-S	Nova™ Endo Cutter Size Small	75±10mm	1 pc/box
XNY-M	Nova™ Endo Cutter Size Medium	155±10mm	1 pc/box
XNY-L	Nova™ Endo Cutter Size Large	255±10mm	1 pc/box

Specification	Staple Height	Number of Staples	Staple Diameter	Suture Length	Closed Staple Height
XNYJ30LA	2.0/2.5/3.0	48	0.2	30	0.75-1.5
XNYJ30MA	3.0/3.5/4.0	48	0.2	30	1.5-2.25
XNYJ45LA	2.0/2.5/3.0	66	0.2	45	0.75-1.5
XNYJ45MA	3.0/3.5/4.0	66	0.2	45	1.5-2.25
XNYJ45HA	4.0/4.5/5.0	66	0.2	45	2.25-3.0
XNYJ60LA	2.0/2.5/3.0	90	0.2	60	0.75-1.5
XNYJ60MA	3.0/3.5/4.0	90	0.2	60	1.5-2.25
XNYJ60HA	4.0/4.5/5.0	90	0.2	60	2.25-3.0

XNY NOVA™ DISPOSABLE LINEAR CUTTER STAPLER



XNY Nova™ disposable linear cutter staplers are meticulously designed for the excision, transection and stapling in abdominal, gynaecological, paediatric and thoracic surgeries. Focusing primarily on great functionality, reliability and superior performance we ensure the user experience is flawless. XNY linear cutters deliver extremely smooth cutting and secure staple line formation throughout our Nova range.



REAR 'SCISSOR' TYPE INTERMEDIATE POSITION

Accommodates different surgeon preference



FRONT INTERMEDIATE POSITION ALIGNMENT FUNCTION

Allows single handed use and re-positioning of the tissue

FEATURES AND BENEFITS

- Reloadable 10x with a total of 11 firings per device
- Two intermediate positions (front and rear) to accommodate different surgeon preferences
- Superior, smooth and staple performance with perfectly formed 'B' shaped staples
- Secure staple line formation, with 4 staples beyond the line of resection
- Built-in safety lock-out mechanism
- Different cartridges available for various tissue thickness

ORDERING INFORMATION AND PRODUCT DATA

Handle Code	Products Description	Cutting Length	Colour Code	Open Staple Height	Qty of Staples	Pack Qty
XQ-60-3.8	Nova™ Linear Cutter for normal thick tissue size 60	56mm	Blue	3.8mm	15×4	1 pc/box
XQ-60-4.5	Nova™ Linear Cutter for thick tissue size 60		Green	4.5mm		1 pc/box
XQ-80-3.8	Nova™ Linear Cutter for normal thick tissue size 80	76mm	Blue	3.8mm	20×4	1 pc/box
XQ-80-4.5	Nova™ Linear Cutter for thick tissue size 80		Green	4.5mm		1 pc/box
XQ-100-3.8	Nova™ Linear Cutter for normal thick tissue size 100	96mm	Blue	3.8mm	25×4	1 pc/box
XQ-100-4.5	Nova™ Linear Cutter for thick tissue size 100		Green	4.5mm		1 pc/box

RELOAD DATA

Reload Code	Products Description	Colour Code	Open Staple Height	Qty of Staples	Pack Qty
60-3.8	Nova™ Linear Cutter Reload for normal thick tissue size 60	Blue	3.8mm	15×4	6 pcs/box
60-4.5	Nova™ Linear Cutter Reload for thick tissue size 60	Green	4.5mm		6 pcs/box
80-3.8	Nova™ Linear Cutter Reload for normal thick tissue size 80	Blue	3.8mm	20×4	6 pcs/box
80-4.5	Nova™ Linear Cutter Reload for thick tissue size 80	Green	4.5mm		6 pcs/box
100-3.8	Nova™ Linear Cutter Reload for normal thick tissue size 100	Blue	3.8mm	25×4	6 pcs/box
100-4.5	Nova™ Linear Cutter Reload for thick tissue size 100	Green	4.5mm		6 pcs/box

XNY NOVA™ DISPOSABLE LINEAR CUTTER STAPLER

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XNY Nova™ disposable linear cutter staplers are meticulously designed for the excision, transection and stapling in abdominal, gynaecological, paediatric and thoracic surgeries. Focusing primarily on great functionality, reliability and superior performance we ensure the user experience is flawless. XNY linear cutters deliver extremely smooth cutting and secure staple line formation throughout our Nova range.



CARTRIDGE WITH CUTTING KNIFE

Cutting knife is designed on the cartridge to ensure smoother, more precise and safer cutting performance while reducing the possibility of tumor metastasis.



DOUBLE-SIDE FIRING BUTTON

The device with a double-side firing button can be fired from both sides which makes the operation more convenient.

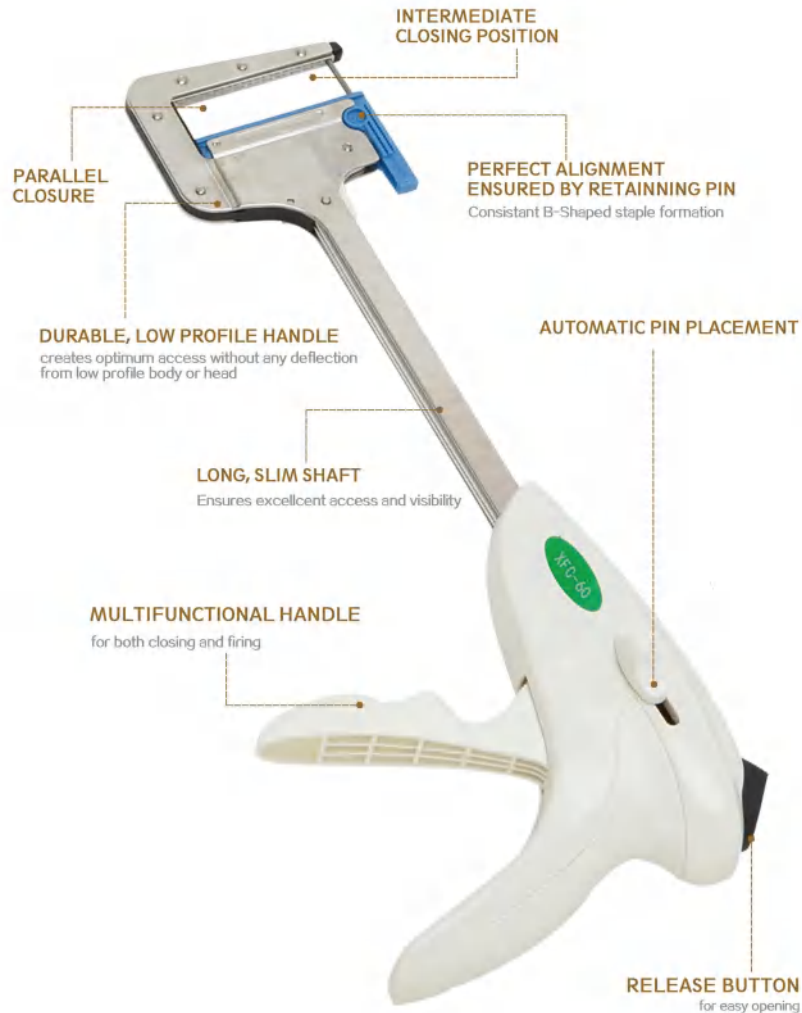
FEATURES AND BENEFITS

- Reloadable 10x with a total of 11 firings per device
- Superior, smooth and staple performance with perfectly formed 'B' shaped staples
- Secure staple line formation, with 4 staples beyond the line of resection
- Built-in safety lock-out mechanism
- More staple height options are available for various tissue thickness

ORDERING INFORMATION AND PRODUCT DATA

Handle Code	Reload Code	Cutting Length	Suture Length	Colour	Open Staple Height	Qty of Staples
XQA-60-3.8	60-3.8	60mm	65mm	Blue	3.8mm	15x4
XQA-60-4.2	60-4.2			Golden	4.2mm	
XQA-60-4.5	60-4.5			Green	4.5mm	
XQA-80-3.8	80-3.8	80mm	85mm	Blue	3.8mm	20x4
XQA-80-4.2	80-4.2			Golden	4.2mm	
XQA-80-4.5	80-4.5			Green	4.5mm	
XQA-100-3.8	100-3.8	100mm	105mm	Blue	3.8mm	25x4
XQA-100-4.2	100-4.2			Golden	4.2mm	
XQA-100-4.5	100-4.5			Green	4.5mm	

XNY NOVA™ DISPOSABLE LINEAR STAPLER



A premium designed linear stapler with a robust design and exceptional performance delivers outstanding and reliable results during use.

Manufactured from high medical grade (USA imported materials) ensures positive outcomes and user experience.



DIFFERENT STAPLE HEIGHTS AVAILABLE

FEATURES AND BENEFITS

- Reloadable up to 10x with 11 firings per device
- Intermediate inter-lock position
- Full range of reloads for various tissue thicknesses available
- Medical grade 440 USA imported stainless steel and medical grade 1 titanium staple wire
- Excellent ergonomics ensuring great user experience

ORDERING INFORMATION AND PRODUCT DATA

Handle Code	Products Description	Colour	Open Staple Height	Closed Staple Height	Qty of Staples	Pack Qty
XFC-30-3.8	Nova™ Linear Stapler for normal thick tissue size 30	Blue	3.8	1.5mm	11	1 pc/box
XFC-30-4.5	Nova™ Linear Stapler for thick tissue size 30	Green	4.5	2.0mm	11	1 pc/box
XFC-45-3.8	Nova™ Linear Stapler for normal thick tissue size 45	Blue	3.8	1.5mm	15	1 pc/box
XFC-45-4.5	Nova™ Linear Stapler for thick tissue size 45	Green	4.5	2.0mm	15	1 pc/box
XFC-60-3.8	Nova™ Linear Stapler for normal thick tissue size 60	Blue	3.8	1.5mm	21	1 pc/box
XFC-60-4.5	Nova™ Linear Stapler for thick tissue size 60	Green	4.5	2.0mm	21	1 pc/box
XFC-90-3.8	Nova™ Linear Stapler for normal thick tissue size 90	Blue	3.8	1.5mm	33	1 pc/box
XFC-90-4.5	Nova™ Linear Stapler for thick tissue size 90	Green	4.5	2.0mm	33	1 pc/box

RELOAD DATA

Reload Code	Products Description	Colour	Open Staple Height	Closed Staple Height	Qty of Staples	Pack Qty
XFCC-30-3.8	Nova™ Linear Stapler Reload for normal thick tissue size 30	Blue	3.8	1.5mm	11	6 pos/box
XFCC-30-4.5	Nova™ Linear Stapler Reload for thick tissue size 30	Green	4.5	2.0mm	11	6 pos/box
XFCC-45-3.8	Nova™ Linear Stapler Reload for normal thick tissue size 45	Blue	3.8	1.5mm	15	6 pos/box
XFCC-45-4.5	Nova™ Linear Stapler Reload for thick tissue size 45	Green	4.5	2.0mm	15	6 pos/box
XFCC-60-3.8	Nova™ Linear Stapler Reload for normal thick tissue size 60	Blue	3.8	1.5mm	21	6 pos/box
XFCC-60-4.5	Nova™ Linear Stapler Reload for thick tissue size 60	Green	4.5	2.0mm	21	6 pos/box
XFCC-90-3.8	Nova™ Linear Stapler Reload for normal thick tissue size 90	Blue	3.8	1.5mm	33	6 pos/box
XFCC-90-4.5	Nova™ Linear Stapler Reload for thick tissue size 90	Green	4.5	2.0mm	33	6 pos/box

XNY NOVA™ DISPOSABLE CIRCULAR STAPLER

NOVA™
SURGICAL STAPLERS



A uniquely designed and patented circular stapler with an audible automatic safety-release ensures constant and precise visualisation on the anastomosis during tissue compression.



NOVA™ PATENTED 'RED-AUTO RELEASE' SAFETY FUNCTION

As the anvil head is compressed, when the red indicator reaches inside the green window indicator, the red safety release lever automatically alerts the user through a clear audible 'click'.



UNIQUE STAPLE CUTTING FEATURE

No sticking of staples and Perfect Anastomosis

FEATURES AND BENEFITS

- Patented trapezoid staple design for perfectly formed staples
- Ultra-sharp cutting 440 USA imported medical grade stainless steel blade
- Streamline, low profile anvil design
- Ergonomic and comfortable during use
- Red auto release function for constant visualisation on the procedure during compression

ORDERING INFORMATION AND PRODUCT DATA

Code	Products Description	Pack Qty
WGWB-20	Nova™ Disposable Circular Stapler, Size 20	1 pc/box
WGWB-24	Nova™ Disposable Circular Stapler, Size 24	1 pc/box
WGWB-26	Nova™ Disposable Circular Stapler, Size 26	1 pc/box
WGWB-29	Nova™ Disposable Circular Stapler, Size 29	1 pc/box
WGWB-32	Nova™ Disposable Circular Stapler, Size 32	1 pc/box

Code	Open Staple Height	Closed Staple Height	Outer Diameter	Qty of Staples	Colour Code
WGWB-20	4.7mm	1.0mm-2.5mm	20.5mm	16	Orange
WGWB-24	4.7mm	1.0mm-2.5mm	24.5mm	18	Yellow
WGWB-26	4.7mm	1.0mm-2.5mm	26.5mm	22	White
WGWB-29	5.6mm	1.0mm-2.5mm	29.5mm	24	Blue
WGWB-32	5.6mm	1.0mm-2.5mm	32.5mm	26	Green

XNY NOVA™ DISPOSABLE CIRCULAR STAPLER



A uniquely designed and patented circular stapler with an audible automatic safety-release ensures constant and precise visualisation on the anastomosis during tissue compression.



NOVA™ PATENTED 'RED-AUTO RELEASE' SAFETY FUNCTION
As the anvil head is compressed, when the red indicator reaches inside the green window indicator, the red safety release lever automatically alerts the user through a clear audible 'click'.



SPACER TAB
Including ancillary trocar and trocar apply for double stapling technique

FEATURES AND BENEFITS

- Patented trapezoid staple design for perfectly formed staples
- Ultra-sharp cutting 440 USA imported medical grade stainless steel blade
- Streamline, low profile anvil design
- Ergonomic and comfortable during use
- Red auto release function for constant visualisation on the procedure during compression

OTHER OPTIONS



WGWB



WGWC

ORDERING INFORMATION AND PRODUCT DATA

Code	Open Staple Height	Closed Staple Height	Outer Diameter	Qty of Staples	Colour Code
WGWD-24	4.5mm	1.0mm-2.5mm	15mm	18	Yellow
WGWD-26	4.5mm	1.0mm-2.5mm	17mm	22	White
WGWD-29	4.8mm	1.0mm-2.5mm	20mm	24	Blue
WGWD-32	5.0mm	1.0mm-2.5mm	22mm	26	Green

XNY NOVA™ DISPOSABLE CIRCULAR STAPLER FOR HEMORRHOID

NOVA™
SURGICAL STAPLERS



Designed for PPH procedures and offering a unique patented 'red auto release' function gives the surgeon precise control and constant visualisation on the anastomosis.



NOVA™ PATENTED 'RED-AUTO RELEASE' SAFETY FUNCTION
As the anvil head is compressed, when the red indicator reaches inside the green window indicator, the red safety release lever automatically alerts the user through a clear audible 'click'.



CLEAR DEPTH INDICATOR MARKINGS
More accurate and tension free placement of pull sutures.



FULL SET OF ACCESSORIES

FEATURES AND BENEFITS

- Red auto-release safety release function
- Larger housing to accommodate greater volume of tissue
- Low profile anvil design for ease of insertion and tension free removal after firing
- Streamline handle design

ORDERING INFORMATION AND PRODUCT DATA

Code	Products Description	Length	Outer Diameter	Qty of Staples	Open Staple Height	Staple Width	Pack Qty
GWC-33	Nova™ Disposable Circular Stapler for Hemorrhoid, GWC-33	395	33.5mm	26	4.6mm	3.6mm	1 pcbox
GWC-34	Nova™ Disposable Circular Stapler for Hemorrhoid, GWC-34	395	34mm	30	4.6mm	3.6mm	1 pcbox

XNY NOVA™ DISPOSABLE CIRCULAR STAPLER FOR HEMORRHOID

NOVA™
SURGICAL STAPLERS



Designed for PPH procedures and offering a unique patented 'red auto release' function gives the surgeon precise control and constant visualisation on the anastomosis.

FULL SET OF ACCESSORIES (PPH)



FULL SET OF ACCESSORIES (TST)



ORDERING INFORMATION AND PRODUCT DATA

Code	Length	Outer Diameter	Qty of Staples	Open Staple Height	Remark
GWD-32A	390	32mm	30	3.8mm	Handle + Accessories (PPH)
GWD-34A	390	34mm	32	3.8mm	
GWD-36A	390	36mm	36	3.8mm	
GWD-32B	390	32mm	30	3.8mm	Handle + Accessories (TST)
GWD-34B	390	34mm	32	3.8mm	
GWD-36B	390	36mm	36	3.8mm	

XNYTM DISPOSABLE ENDOBRONCHIAL BLOCKER TUBE

XNYTM Disposable Endobronchial Blocker Tube is disposable and used for one-lung ventilation in thoracic surgery. The special adapter can be combined with any models trachea ducts (Trachea Cannula, Tracheostomy Tube or Laryngeal Mask) for use. It can make the bronchus blanking plug insert in left or right bronchus. Compared with double lumen tube, this product is more advanced as it reduces incidence of vocal cord injuries, postoperative hoarseness and sore throat.

Comparison of the incidence of bronchial and vocalcord injuries under bronchoscope in patients of two groups (n=30)

	Bronchial occluder group	Double-lumen endobronchial tube group	P
Tracheobronchial injury			
Cases of the injury	10	14	0.349
Damage morphology			
Red	10	8	0.603
Swelling	0	4	0.059
Hematoma	0	2	0.247
Vocal cord injury			
Cases of the injury	8	20	0.008
Damage morphology			
Red	3	10	0.074
Swelling	5	9	0.294
Hematoma	0	1	0.5

Comparison of the incidence of postoperative hoarseness, and sore throat in two groups (n=30)

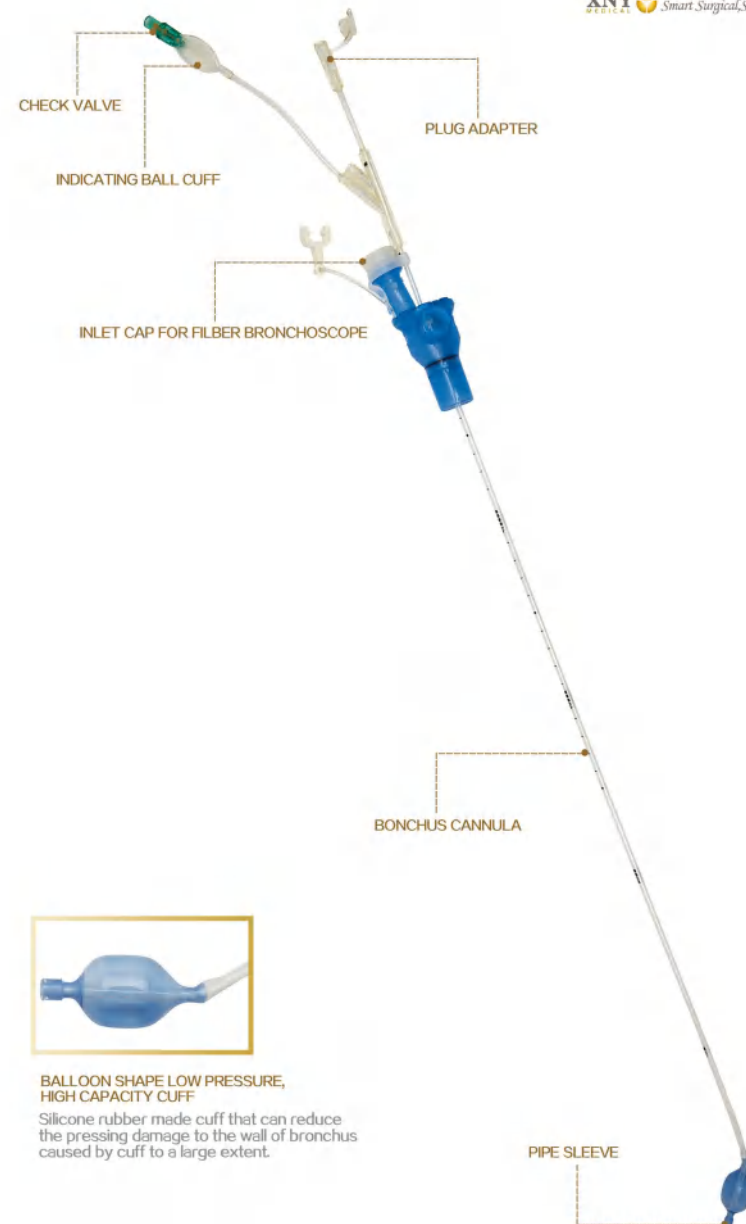
Hoarseness after operation			
	Bronchial occluder group	Double-lumen endobronchial tube group	P
Monitorroom	3	10	0.036
24h	5	14	0.02
48h	5	8	0.227
72h	1	5	0.182
>72h	0	0	>0.5
Total	14	37	<0.0001
Sore throat after operation			
	Bronchial occluder group	Double-lumen endobronchial tube group	P
Monitorroom	10	15	0.240
24h	11	20	0.004
48h	6	17	0.009
72h	1	9	0.020
>72h	0	0	>1
Total	29	61	<0.0001

FEATURES AND BENEFITS

- The cuff is a low-pressure, high capacity balloon that is made of pure silicone rubber. It reduces the pressing damage to the wall or bronchus caused by cuff to a large extent.
- Plug bronchus, even smaller lung section can be chosen so that the location will be more accurate and the damage will be less comparing with twin-cavity bronchus.
- It has a good closeness which ensures the continuous ventilation in plugging location.
- It can meet different clinical needs, especially for the procedures of single lung ventilation for children.
- The specially-made adapter can be combined with trachea ducts of any model (trachea cannula, tracheostomy tube or laryngeal mask) for use. It can make the bronchus blanking plug insert in left or right bronchus.

PRODUCT SPECIFICATIONS

Diameter of cuff (quantity of aeration)	15mm(4ml)
Outside diameter of bronchus cannula(OD)	3.0mm
Length of bronchus cannula(L)	650mm
Ventilation interface	15mm(taper head)
Interface trachea ducts	15mm(taper sleeve)



BALLOON SHAPE LOW PRESSURE, HIGH CAPACITY CUFF

Silicone rubber made cuff that can reduce the pressing damage to the wall of bronchus caused by cuff to a large extent.