

NOVATECH ® GSS™

Gold Studded Stent

STERITALC ®

Indian FDA Approved

NOVATECH® GSS™ Gold Studded Stent Tracheo-bronchial silicone stent

Description

NOVATECH® GSS™ are made of specially treated medical grade transparent silicone (unrestricted, i.e. implantable for more than 29 days) without reinforcement. Depending on design, there are 2, 3 or 4 lines of studs on the stent outside. The transparent stent facilitates endoscopic control of the tissue situation behind the wall of the stent. One row of studs filled with barium sulfate and two or more studs (depending on stent design and size) with gold inlays improve visibility in radiodiagnostics. This filled stud system is patented and has proven its reliability for improved stent fixation between the cartilaginous rings of the trachea and the bronchial tree, and for better visibility of the stent.

The stent inside is treated with a silicone-based layer which makes the surface anti-adherent, minimizing the risk of obstructions and improving mucociliary clearance.

For the various indications and their sites, a large variety of stent types is available as well as a large choice of lengths and diameters. Custom stents are available. For technical specifications of the stents see the catalog sheet. NOVATECH as manufacture's name and the production LOT are imprinted on each stent to guarantee traceability back to the patient.

Indications

For maintaining open the airways, after dilatation of the stenosis or resection of the obstruction, in particular in case of :

- Tracheo-bronchial tumors
- Tracheal stenoses with scarring
- Stenoses following surgical anastomosis, resection, or pulmonary transplantation.
- In general after any diminution of the diameter by inner or outer compression.

Application

Placement and removal with a rigid bronchoscope

NOVATECH advises the use of the TONN Applicator to safely place Dumon® Stents.

Features

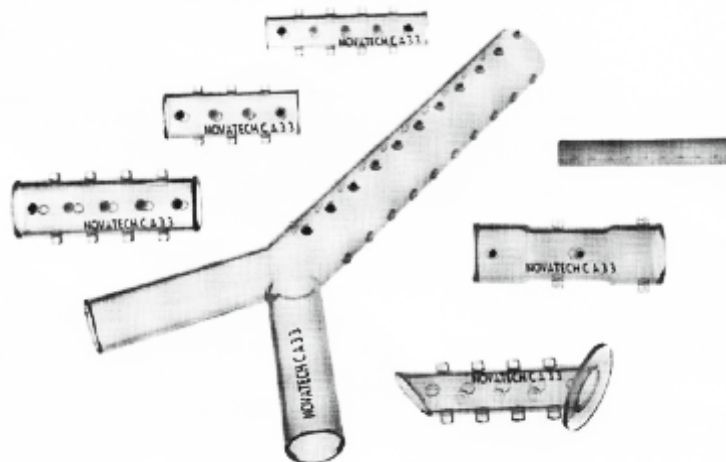
- Anti-migration stud system
- The ends of the stents are specially beveled to ensure mucociliary clearance while helping to prevent crusting and granulation tissue from forming.
- Non-adherent smooth surface
- Easily removable in case of necessity
- Implant grade silicone

The NOVATECH® GSS™ Gold Studded Stent is sold sterile. Non sterile stents are available upon request.

1) Pr Bolliger, *Pulmonary Reviews*, Oct. 1997

2) Cavaliere, Diaz, Dumon et Vergnon, *Journal of Brochology* 3:6-10, 1996

NOVATECH® GSS™ Gold Studded Stent



The NOVATECH® GSS™ Gold Studded • The different types of prostheses

Abbreviation	Type	wall thickness
TD	Tracheal Stent	1.5 mm
TF	Thin Tracheal Stent	1.0 mm
BD/BO	Bronchial Stent	1.0 mm
CB	Carina Stent for the main stem bronchi close to the carina	1.0 mm
Y	Toatal Carina Stent	1.0/1.3 mm
ST	Hourglass Stent Particularly for post-intubation stenoses	1.5 mm
BB	Ultra thin Stent for pediatric and adult indications	0.5 mm
Other types of stents and custom makes available		

STERITALC®

Large Particle Size Talc for internal use

Indications

- chronic pleurisy, principally malignant
- spontaneous pneumothorax

According to the literature, talc is more efficient than Bleomycine and cyclines¹⁾. It appears that talc is the best sclerosis product available and can be used even after the application of other agents has failed.

Features

- produced for medical purposes only (talcum pleurodesis)
- guaranteed asbestos free
- sterile
- free of endotoxines
- graded talc perfectly controlled granulometry avoiding any migration as shown by Pr ASTOUL et al.²⁾, Marseilles, France
- suitable for all pleurodesis indications, it is non-soluble and induces permanent pleurodesis
- compared with Cyclines, STERITALC® is more effective and less painful. Any pain occurring can be reduced according to doctor's decision, for example by using Xylocaine 1% in the pleura or in the slurry.
- complies with the regulations of the European Pharmacopoeia (3rd edition): STERITALC® is a pharmaceutical talc of a lamellar structure which is stable and inert physically, chemically and biologically.



The dose varies from 3 to 6 grams for malignant pleural effusion and generally does not exceed 2g for spontaneous pneumothorax. Individual doses according to physician's decision. STERITALC® comes in three pharmaceutical forms allowing different ways of application:

REF	Description
16863	STERITALC® Pf3 sterile, 3g of STERITALC® in a vial (Poudrage kit) 2/Box
16903	STERITALC® F2 sterile, 2g of STERITALC® in a vial 1 vial / pouch, 24 pouches / carton
16913	STERITALC® F4 sterile, 4 g of STERITALC® in a vial 1 vial / pouch, 24 pouches / carton

• Vial F2, F4

For physicians preferring to use talc in bulk, a line of talc in vials is available, which can be used for slurry as well as talc poudrage.

DUTAU-NOVATECH® RIGID BRONCHOSCOPE



DUTAU-NOVATECH® RIGID BRONCHOSCOPE

The modular DUTAU-NOVATECH® Rigid Bronchoscope is designed for use in interventional bronchoscopy. It combines innovative features for easier handling and a wide compatibility with essential bronchoscopy instruments.



*The short tracheoscope tube (size 14) can be used for intubation.
Smaller bronchoscope tubes (size 12 and smaller) can be inserted through the tracheoscope without the need for re-intubation.*

FEATURES

System

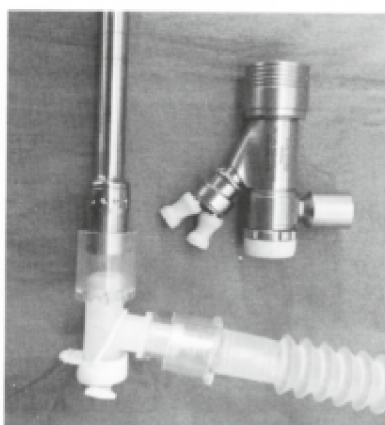
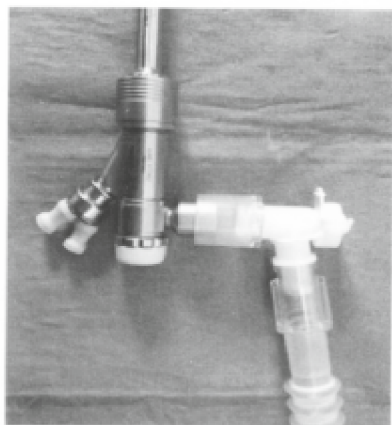
- Modular system of universal head and interchangeable tubes
- Compatible with TONN™/NOVATECH Stent Applicator System of the corresponding color codes for easy placement of silicone stents (DUMON® and GSS™)
- Compatible with KARL STORZ rigid bronchoscopy instruments (e.g. optical forceps)
- Good inner/outer diameter ratio for optimized gas exchange
- Fully dismountable to facilitate state-of-the-art reprocessing

System

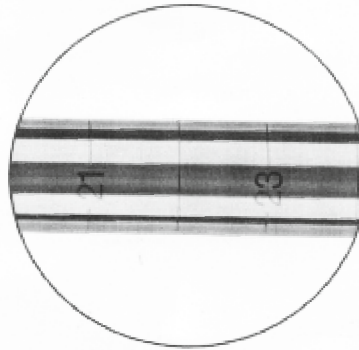
- Snap-fit connector for fast and easy attachment of tubes
- Tubes can be attached comfortably in various rotation positions
- Rotatable anaesthesia port for less tangling of tubes
- Dual instrument port, e.g. for laser and suction tubes
- Short head length for optimized total operating length

Tubes

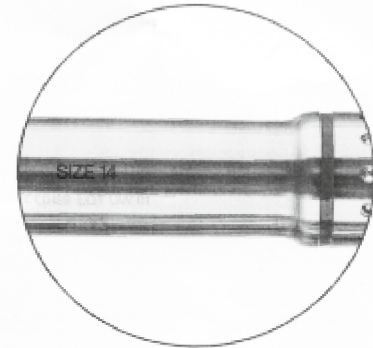
- Tubes have an ISO cone connector for direct attachment of anaesthesia tube
- Scale on the tubes: one side even, other side uneven to facilitate measuring of stenoses.



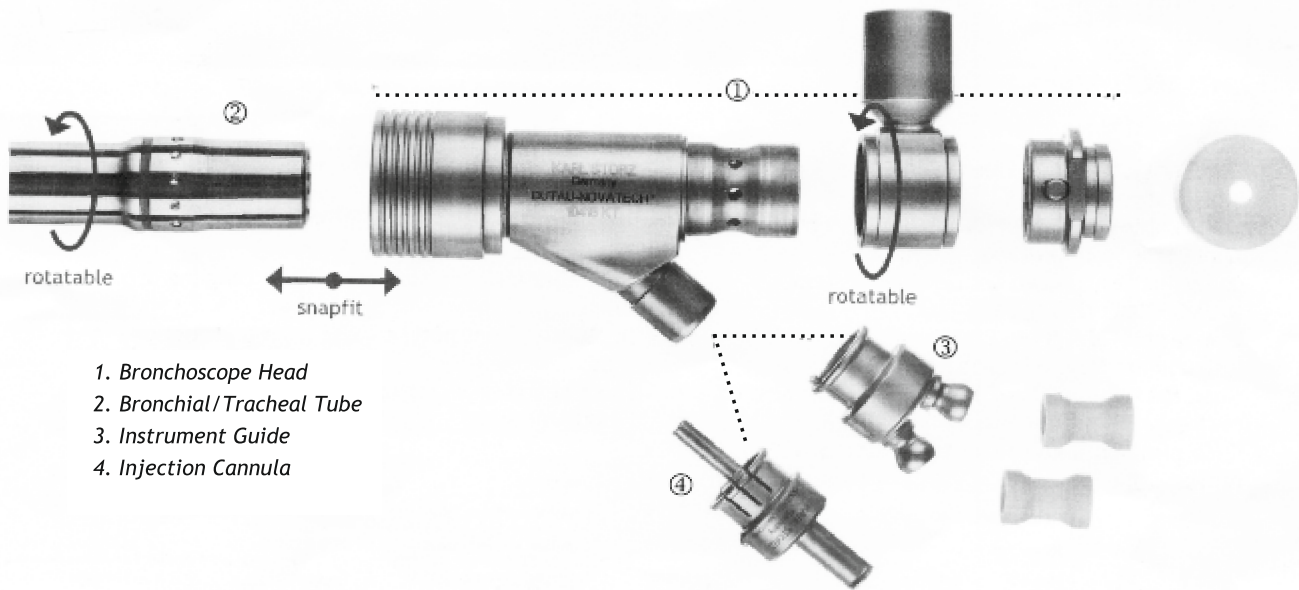
The proximal end of all tubes fits the anaesthesia connector directly (ISO connector).



Scale on the tubes: one side even, other side uneven facilitate measuring of stenoses.



Bronchoscope tube sizes range from sizes 9 to 14. Tubes are color coded and sizes are clearly marked.



1. Bronchoscope Head
2. Bronchial/Tracheal Tube
3. Instrument Guide
4. Injection Cannula

REF	DESCRIPTION	COLOR CODE	ID/OD (MM)	LENGTH (MM)
02BRS10418KT	Bronchoscope Head			
02BRS10418GL	Bronchial Tube, Size 14	Red	13/14	350
02BRS10418GR	Tracheal Tube, Size 14	Blue	13/14	250
02BRS10418FL	Bronchial Tube, Size 12	Black	10.7/12	350
02BRS10418BP	Bronchial Tube, Size 11	Green	10.5/11.2	350
02BRS10418DP	Bronchial Tube, Size 9	White	8.5/9.2	350
02BRS10418KD	Instrument Guide			
02BRS10418K	Injection Cannula			

Instruments for Bronchoscopy



ROTEPS®

An innovative line of Bronchoscopy Forceps, rotatable for ease of use and fully dismountable for efficient cleaning.

A modular System

Two types of handles can be combined with two shafts (2 mm and 4 mm) and seven forceps heads.

- rotatable
- dismountable
- combinable

Configure your ROTEPS® on www.novatech.fr/roteps

ROTEPS® HANDLE

available without ratchet and with shiftable ratchet.

REF	Handle	for shaft	Color code
02BRT10200	without ratchet	Ø 2 mm	grey
02BRT10202	with shiftable ratchet		
02BRT10400	without ratchet	Ø 4 mm	black
02BRT10402	with shiftable ratchet		



02BRT10400



02BRT10402



02BRT10200



02BRT10202

ROTEPS® SHAFT

Ø 2 mm and Ø 4 mm



Ø 2 mm



Ø 4 mm

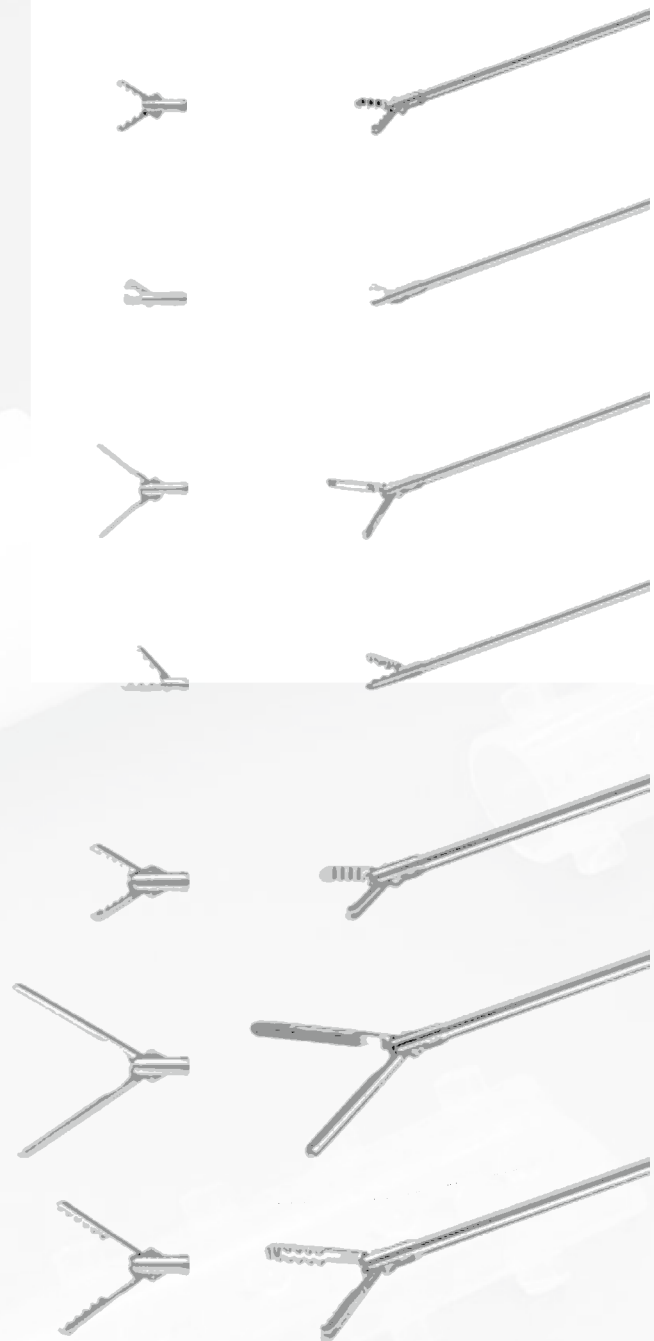
REF	Shaft	L	Color code
02BRT20260	Ø 2 mm	60 cm	grey
02BRT20460	Ø 4 mm	60 cm	black

Instruments for Bronchoscopy



ROTEPS® HEAD

REF	Head	for shaft
02BRT30299	Grasping forceps, strong teeth head Ø 3 mm, L 60 cm	Ø 2 mm
02BRT30296	Hook scissors head Ø 3 mm, L 60 cm	
02BRT30295	Fenestrated forceps head Ø 3 mm, L 60 cm	
02BRT30294	Retraction forceps, atraumatic teeth, one side opening head Ø 3 mm, L 60 cm	
02BRT30499	Grasping forceps, strong teeth head Ø 5 mm, L 60 cm	Ø 4 mm
02BRT30498	Y-Stent forceps head Ø 5 mm, L 60 cm	
02BRT30497	Retraction forceps, atraumatic inner teeth head Ø 5 mm, L 60 cm	



ROTEPS® CLEANSE

REF	
02BRT40010	Cleaning Adapter for ROTEPS® SHAFT with Luer Lock Adapter incl. O-Ring
02BRT40040	O-Ring (Replacement part) for 02BRT40010
02BRT40230	Cleaning brush for Ø 2 mm shafts
02BRT40430	Cleaning brush for Ø 4 mm shafts



02BRT40230 / 02BRT40430



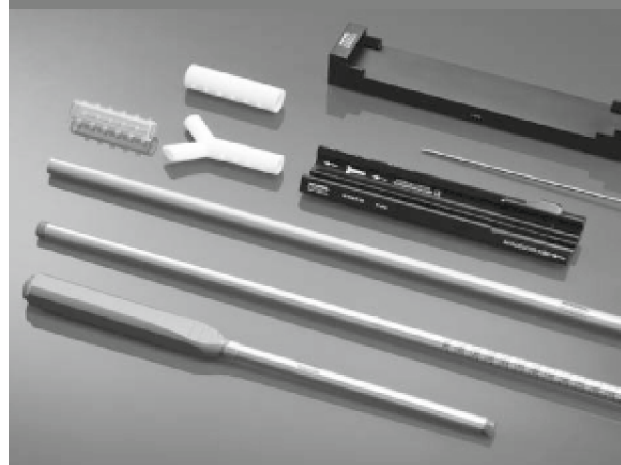
02BRT40010

Developed by Dr. Tonn (Hanover, Germany), the TONN/NOVATECH tracheal and bronchial Stent Applicator facilitates the placement of NOVATECH's TRACHEOBRONXANE® Dumon® tracheobronchial stents through a rigid bronchoscope.

Easy to handle, the TONN/NOVATECH Stent Applicator is available in four sizes (BLUE, RED, GREEN and WHITE) allowing the insertion of silicone stents in a wide range of sizes: Stents with an OD of up to 20 mm and a length of up to 160 mm (Y-Stents) can be placed.

Furthermore Y-stent insertion is facilitated. The position of the main branch can be determined before insertion, minimising the risk of misplacement preventing stent damage.

TONN/NOVATECH TRACHEAL AND BRONCHIAL STENT APPLICATOR



TONN/NOVATECH Stent Applicator	Introducer length (cm)	Introducer OD (mm)	to be used for the original Dumon® Stents...		REF
BLUE	32	12.75	<input type="checkbox"/> 14 - 20 mm	max. length 110 mm	02 BRS B 120
RED	42	12.75	<input type="checkbox"/> 14 - 20 mm	max. length 110 mm	02 BRS R 130
GREEN	42	10.25	<input type="checkbox"/> 11 - 13 mm	max. length 110 mm	02 BRS G 140
WHITE	42	8.2	<input type="checkbox"/> 9 - 12 mm	max. length 60 mm	02 BRS W 150

Individual components available as spare parts. Please contact us for a quotation.

Exclusive Distributor for India :



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