Controlled Stent Placement

Together with the new innovative Stent Loading System, Richard Wolf expands its offering in Interventional Tracheo-Bronchoscopy.

It has never been simpler to fold and load stents into a rigid bronchoscope.

Join Richard Wolf as we innovate rigid bronchoscopy.

Stents can be deployed using standard bronchoscopy forceps, which is also then used to immediately reposition the stent if necessary.

Two loader sizes available to place stents up to 200 mm and 160 mm length:

- Blue ring stent loader is used to deploy stents with or without studs. Intended for use with 10 mm inner ø TEXAS Tracheoscope tube.
- Green ring stent loader used to deploy larger Y-stents, as well as thick walled tracheal stents. Intended for use with 12 mm inner ø TEXAS Tracheoscope tube.

Controlled Stent Placement

Loading and Deploying Silicone Stents with Increased Accuracy

Stent Loader

Stent Loading System, Size 1
for Tracheoscope size 10, blue color coding 825011030
Stent Loading System, Size 2
for Tracheoscope size 12, green color coding 825011230

Bronchoscope Optical Element, TEXAS
Direction of view 12° with integrated irrigation and protective sheath (13208.289) 825101400

TEXAS Tracheoscopes

Tracheoscope Tube, Size 8
ID = 8 mm, OD = 12 mm, WL = 300 mm 825109830
Tracheoscope Tube, Size 10
ID = 10 mm, OD = 14 mm, WL = 300 mm 825101030
Tracheoscope Tube, Size 12
ID = 12 mm, OD = 16 mm, WL = 300 mm 825101230
Tracheoscope Tube, Size 14
ID = 14 mm, OD = 18 mm, WL = 300 mm 825101430

Accessories

Nozzle for Jet-Ventilation incl. Luer connector (15401.071) 8238502
Universal Cap 8020.15
TipControl Grasping Forceps
for grasping silicone and metal stents, as well as hard foreign bodies, adjustable jaw section, OD = 5.2 mm (8020.18), WL = 483 mm, with irrigation connector 823400002

Fold, Load, Deploy

Stent Loading System

Loading and Deploying Silicone Stents with Increased Accuracy
Deployment of tracheal or bronchial stents

Once the desired location for the stent has been reached, deploy with the open jaw of a standard bronchoscopy forcep. Stents can be immediately repositioned after deployment under endoscopic vision.

Loading into the Tube

The stent loader along with a folded and well-lubricated stent is placed into the distal end of the tracheoscope tube. With a press of the plunger, the stent will be loaded into the tube.

Stent position in the Tube

The stent must be positioned right behind the optics channel to maintain an unobstructed view during intubation.

Deployment of Y-Stents

Deploying Y-stents is made much easier by allowing the branches of the Y-stent to be easily guided into the bronchi and rest properly on the carina.

Standard Tracheoscope Tubes

Using the blue color-coded stent loader makes it possible to hold a stent proximally into a 10 mm standard tracheoscope tube.

Our tracheoscope tubes are available in capacities of 8 mm to 14 mm and feature a distal tip designed for interventional procedures. Additionally, the tubes also feature a CO₂ measuring channel.

In order to achieve a proper stent, the length of the stenosis can be measured using the centimeter markings on the outside of the tracheoscope tubes.

TEXAS Tracheoscope Tubes

Ideally, the stent loaders are used together with the TEXAS Bronchoscopy System and tracheoscope tubes.

Deployment of tracheal or bronchial stents

Once the desired location for the stent has been reached, deploy with the open jaw of a standard bronchoscopy forcep. Stents can be immediately repositioned after deployment under endoscopic vision.

Deployment of Y-Stents

Deploying Y-stents is made much easier by allowing the branches of the Y-stent to be easily guided into the bronchi and rest properly on the carina.

Maintain Control: TipControl

Placing stents has just become better with the new TipControl grasping forceps.

Detailed articulating jaws combined with a 360° rotating shaft make for easier manipulation and positioning of stents.