



SPIGGLE & THEIS
Medizintechnik

SPIGGLE & THEIS Medizintechnik GmbH

Our philosophy:

“As a company, manufacturer and service provider in the healthcare industry, we are committed to providing quality products, focusing on the well-being of the patient, and supporting doctors.

We see ourselves as a partner to our customers and are always listening so we can better understand their needs.”

Ovlašćeni zastupnik i uvoznik:

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Otology

TubaVent - Family

TubaVent

Therapy concept for chronic tube ventilation disorders

Tube dilatation with a balloon catheter is an atraumatic and interventional alternative therapy for persistent obstructive tube dysfunction. This concept of therapy has established itself in modern otolaryngology and allows the treating physician to provide a causal, targeted therapy for his patients. To date, approximately, 75.000 successful dilatations have been carried out worldwide in the last nine years.



Prof. Dr. med. Dr. rer. nat. Holger Sudhoff,
FRCS (Lon), FRCPath Senior consultant
of the Klinikum Bielefeld
(Ear, nose and throat, head and neck
surgery clinic, Bielefeld medical centre)

“It has become possible to treat the base cause of chronic, middle ear infections by dilating the cartilaginous part of the auditory tube. Left untreated, such infections can turn into a chronic otitis media, resulting in destruction of the middle ear structures, leading to loss of hearing. Particularly when dealing with chronic tube dysfunctions or middle ear pathologies, the TubaVent system from SPIGGLE & THEIS provides the means to approach the black box of Eustachian Tube treatment in an extremely effective, yet minimally invasive way.”

Balloon catheter

Advantages:

- The olive-shaped tip ensures enhanced protection of the mucosa
- Optimum length guarantees complete dilatation of the cartilaginous part
- Controlled dilatation to 3.28 mm Ø * (WL 355 mm, Ballon 3 x 20 mm, sterile)



2080-1300320

35.5 cm

* at 10 bar



TubaClean®

Advantages:

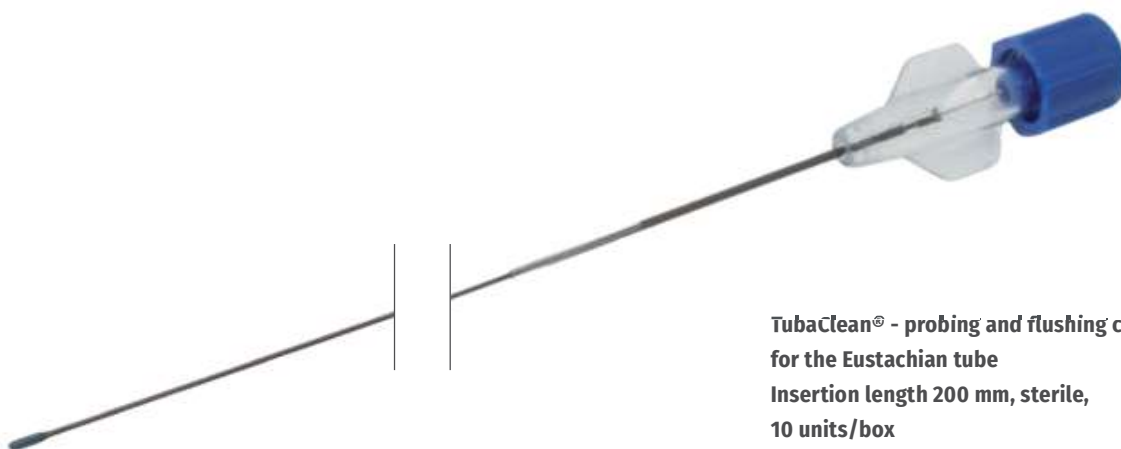
- Checking the Tuba Eustachii for blockage from the situs of the ear
- Cleaning after drilling work at the middle ear
- Removal of mucus from the tympanic membrane and the middle ear
- Improved ventilation enables quicker recovery
- Enhanced insight into the middle ear with surgical measures in the course of tympanoplasty I to III or tympanoscopy

Catheter application

- Localising the tympanal tubal ostium
- The catheter is pushed forward into the lumen of the Tuba Eustachii
- After pushing forward for about 15 mm, the mandrel is removed to allow easier progress beyond the tubal isthmus
- The catheter is slowly retracted while at the same time flushing the tube or administering cortisone

Properties

- Atraumatic olive-shaped tip prevents puncturing of the mucosa
- High stiffness when inserting the catheter due to an internal mandrel
- After removing the mandrel, there is high flexibility so that the catheter can be optimally pushed through the curves and isthmus of the Tuba Eustachii
- A Luer-Lock adapter allows easy and safe administration of liquids



**TubaClean® - probing and flushing catheter
for the Eustachian tube**
Insertion length 200 mm, sterile,
10 units/box

2080-1200006



Otology

Ventilation tubes

Ventilation tubes



Today, there is a wide range of different models in **various materials**. It is not easy for the user to make a choice, particularly as many **types** are very **similar**. Personal experience and preferences play an important role in the decision making process. At SPIGGLE & THEIS you will find the ventilation tubes that you are looking for.



Titanium

- Lumen and flanges are micro-polished to prevent adhesions of secretion
- Especially light



Silicone

- Soft material, which can be easily finished if necessary



Fluoroplastic (PTFE)

- Adhesive material properties prevent too fast closure of the tube

All our ventilation tubes are **biocompatible** and provide excellent drainage results. The ventilation tubes come in **single** and **sterile** packaging.

There are three categories to differentiate between:

- Duration **“short”** (e.g. Shepard): approx 1-6 months
- Duration **“medium”** (e.g. collar button): approx 6-12 months
- Duration **“long”** (e.g. T-tube): approx 12 months or longer; must be removed by a physician



Otology

Ventilation tubes

Titanium



Collar button ventilation tube

- Standard medium-term ventilation tube
- Classic design
- Four different inner diameters
- 10 pieces/box

Art.-No.	Feature	Material	Inner Ø (mm)
10076		titanium	0.76
10100		titanium	1.00
10100F	with wire	titanium	1.00
10125		titanium	1.25
10125F	with wire	titanium	1.25
10150		titanium	1.50
10150F	with wire	titanium	1.50



Self cutting ventilation tube

- Typical medium-term ventilation tube
- Time-saving, separate myringotomy blade is no longer needed
- Easy positioning
- Familiar collar button design
- 10 pieces/box

Art.-No.	Feature	Material	Inner Ø (mm)
10125SC	cutting edge	titanium	1.25



Shepard ventilation tube

- Short-term ventilation tube
- Classic design
- Two different inner diameters
- 10 pieces/box

Art.-No.	Feature	Material	Inner Ø (mm)
101100		titanium	1.00
101100F	with wire	titanium	1.00
101125		titanium	1.25
101125F	with wire	titanium	1.25





T-tube ventilation tube

- Long-term ventilation tube
- Shafts and flanges can be partly shortened
- Proven and popular design
- Soft flanges open out after insertion into ear drum
- Opened flanges prevent premature loss
- 10 pieces/box

Art.-No.	Material	Length (mm)	Width (mm)	Inner Ø (mm)
103100	silicone	12	9.8	1.14
103150	silicone	5	7.9	1.14



Grommet T-tube ventilation tube

- Long-term ventilation tube
- With integral tab for ease of insertion and removal
- Soft flanges open out after insertion into ear drum
- 10 pieces/box

Art.-No.	Feature	Length (mm)	Width (mm)	Inner Ø (mm)
103200	with tab	3.30	6.35	1.27



Otology

Ventilation tubes

Fluoroplastic (PTFE)



Reuter Bobbin



Bevel Bobbin

Reuter Bobbin and Bevel Bobbin

- Medium-term ventilation tube
- 10 pieces/box

Art.-No.	Type	Material	Inner Ø (mm)
104414	Reuter	fluoroplastic	1.14
104311	Bevel	fluoroplastic	1.14

Collar button ventilation tube

- Medium-term ventilation tube
- Proven and popular design
- Three different inner diameters
- 10 pieces/box

Art.-No.	Feature	Material	Inner Ø (mm)
104100		fluoroplastic	1.00
104100F	with wire	fluoroplastic	1.00
104125		fluoroplastic	1.25
104125F	with wire	fluoroplastic	1.25
104150		fluoroplastic	1.50
104150F	with wire	fluoroplastic	1.50



Shepard ventilation tube

- Short-term ventilation tube
- Proven and popular design
- 10 pieces/box

Art.-No.	Feature	Material	Inner Ø (mm)
104115		fluoroplastic	1.15
104115F	with wire	fluoroplastic	1.15



Shah ventilation tube

- Medium-term ventilation tube
- Wedge shaped inner flange for easier insertion
- 10 pieces/box

Art.-No.	Feature	Material	Inner Ø (mm)
104200	with tab	fluoroplastic	1.14
104210		fluoroplastic	1.14



Rhinology

Nasal tampons



PVA (Polyvinylalcohol)

SPIGGLE & THEIS offers the classic micro pore PVA packings with an impregnation of **Oxidized Cellulose**. Oxidized cellulose is a well-known hemostatic agent

which enhances the reduction of bleeding for the patient. The article numbers of these impregnated PVA packings are ending with "X".

Properties:

- Expands evenly after moistening with an appropriate liquid
- Lint and fibre free, no migration of PVA particles
- Soft flexible sponge when wet
- Takes on appropriate anatomical form
- Highly absorbent
- Safety thread
- Single, sterile packaging

Application note:

- Pay attention to enclosed instructions
- Can be easily trimmed in dry state
- Not to be used for implantation
- Only use water based liquids
- The tampons must be kept moist during the entire duration of use
- Thoroughly moisten before withdrawal
- Application period 1-3 days, max. 5 days



Expanding nasal tampons, PVA, straight, sterile

- Post-operative tamponing after rhinological procedures
- Silicone airway (if required - for easier breathing and swallowing)
- With oxidized cellulose impregnated versions available - article number ends with "X"
- 15 cm safety thread
- Single, sterile packaging
- 20 pieces/box

Art.-No.	Dimensions (mm)	Description
66100	45 x 15 x 20	without airway
66110	80 x 15 x 20	without airway
66120	45 x 15 x 20	with airway
66130	80 x 15 x 20	with airway
66100X	45 x 15 x 20	without airway
66110X	80 x 15 x 20	without airway
66120X	45 x 15 x 20	with airway
66130X	80 x 15 x 20	with airway



Rhinology

Expanding nasal tampons

PVA, anatomical, sterile

- Post-operative tamponing after rhinological procedures
- Silicone airway (if required - for easier breathing and swallowing)
- With oxidized cellulose impregnated versions available - article number ends with "X"
- 15 cm safety thread
- Single, sterile packaging
- 20 pieces/box



Art.-No.	Dimensions (mm)	Description
66140	75 x 15 x 30	with airway
66150	75 x 15 x 30	without airway
66160	75 x 10 x 30	without airway, slim
66140X	75 x 15 x 30	with airway
66150X	75 x 15 x 30	without airway
66160X	75 x 10 x 30	without airway, slim



Tampon - pediatric

PVA , epistaxis, sterile

- Application as epistaxis tampon to stop bleeding in medial or posterior nasal area, or post-operative usage
- Three sizes available
- Pediatric form suitable for small children
- With oxidized cellulose impregnated versions available - article number ends with "X"
- 15 cm safety thread
- Single, sterile packaging
- 20 pieces/box



Tampon - medium

Art.-No.	Dimensions (mm)	Description
66200	100 x 15 x 25	large, curved
66210	55 x 15 x 25	medium, straight
66220	35 x 15 x 25	pediatric, straight
66200X	100 x 15 x 25	large, curved
66210X	55 x 15 x 25	medium, straight
66220X	35 x 15 x 25	pediatric, straight



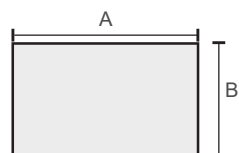
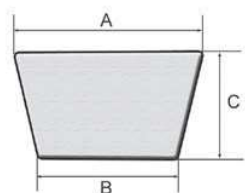
Rhinology

External nasal splints

Thermoplastic, non-sterile

"Thermoplastic" is used to describe a substance that changes its consistency and stability under temperature influence. When heated in a water bath, the material changes its colour from white to transparent and becomes malleable.

The process is reversed by cooling i.e. the product sets in the modelled shape. Using such material for an external nasal splint allows individual fitting according to the patients anatomy.



- Self-adhesive back (NOT 2051010 and 2050010)
- Less time and work required than with plaster
- Includes three-part foam bridge
- Five sizes in two different thicknesses available
- 10 pieces/box

Art.-No.	Size	A x B x C (mm)	Thickness (mm)
2050100	small	56 x 38 x 30	2.4
2050200	standard	64 x 40 x 36	2.4
2050300	large	66 x 42 x 45	2.4
2051100	small	56 x 38 x 30	1.6
2051200	standard	64 x 40 x 36	1.6
2051300	large	66 x 42 x 45	1.6

Art.-No.	Feature	A x B (mm)	Thickness (mm)
2050000	cut-to-size	80 x 50	2.4
2050010	cut-to-size	100 x 75	2.4
2051000	cut-to-size	80 x 50	1.6
2051010	cut-to-size	100 x 75	1.6

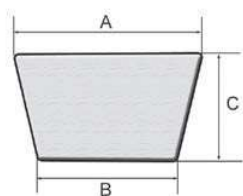


Rhinology

External nasal splints

Aluminium, non-sterile

- Padded aluminium nasal splint
- Easily malleable
- Self-adhesive back
- Four sizes available
- Self-adhesive dorsum foam pad included



Art.-No.	Size	Dimensions A x B x C (mm)	Packaging (pieces/box)
2060100	mini	50 x 33 x 28	10
2060200	small	56 x 38 x 30	10
2060200-25	small	56 x 38 x 30	25
2060300	standard	64 x 40 x 36	10
2060300-25	standard	64 x 40 x 36	25
2060400	large	66 x 42 x 45	10
2060400-25	large	66 x 42 x 45	25

Aluminium, set, non-sterile

Contents per box:

- 5 x nasal splints with self-adhesive back
- 5 x foam protective bases
- 5 x alcohol swabs (cleansing swabs)
- 5 x skin protection wipes
- 5 x nose strips (sterile nasal strips)
- 5 x Remove™ (adhesive removal wipes)



Art.-No.	Size	Dimensions A x B x C (mm)	Packaging (sets/box)
2060300-K	standard	64 x 40 x 36	5
Only on request / custom made:			
2060100-K	mini	50 x 33 x 28	5
2060200-K	small	56 x 38 x 30	5
2060400-K	large	66 x 42 x 45	5



Rhinology

Internal nasal splints



With airway, silicone, sterile

- Integral airway allows post-operative nasal breathing
- Silicone prevents adhesion
- Soft material for easy insertion and removal
- Punched suture holes
- Surface with Lotus leaf effect prevents adhesion of secretions / tissue
- Packed in pairs

Art.-No.	Size	Thickness (mm)	Packaging (pairs/box)
2030100	standard	1	5
2030100-50	standard	1	50



standard size



pediatric size

Without airway, silicone, sterile

- Soft material for easy insertion and removal
- Silicone prevents adhesion
- Punched suture holes
- Surface with Lotus leaf effect prevents adhesion of secretions / tissue
- Packed in pairs

Art.-No.	Size	Thickness (mm)	Packaging (pairs/box)
2030110	standard	1	5
2030115	pediatric	1	5



Septal button, silicone, sterile

- For non-surgical closure of septal perforation
- Silicone prevents adhesion
- Soft material for easy insertion and removal
- No scabbing, epistaxis or other septal perforation symptoms
- Surface with Lotus leaf effect prevents adhesion of secretions / tissue

Art.-No.	Size (cm)	Thickness (mm) per disk	Feature	Packaging (piece)
2031100	3.2	1	one-piece	1
2031110	3.2	1	two-piece	1



Rhinology

Silicone Sheeting

Silicone Sheeting

Silicone sheeting has a wide range of application possibilities in ENT- surgery today. The material properties of silicone play an important role: it is smooth, has an anti-adhesive surface, is flexible and - depending on the thickness - still stable. It is possible to manufacture nearly every thickness. The sheeting can also be easily cut to the desired shape and size by the user.

The thinner sheets are preferred in otosurgery, whilst the thicker versions are often used in rhinological surgery, e.g. as septal buttons.



“cut-to-size“, non-sterile

- High quality medical grade silicone
- Can be easily cut to size

Art.-No.	Dimensions (mm)	Color	Feature (shore)	Thickness (mm)	Packaging (pieces)
2030040	300 x 300	transp.	40	1.00	1
2030040-B	300 x 300	blue	40	1.00	1
2030050	300 x 300	transp.	40	1.25	1
1760100	300 x 300	transp.	60	1.00	1
1760100-B	300 x 300	blue	60	1.00	1
1780100-B	300 x 300	blue	80	1.00	1
1762100-BSU	70 x 55	blue	60	1.00	25
1762100-BSU-100	70 x 55	blue	60	1.00	100
1762100-SU	70 x 55	transp.	60	1.00	25



Rhinology

Catheter

Choanal Balloon Catheter, sterile

**For the control
of severe nose bleeding (epistaxis)**



Properties

- Simple insertion through the nostril with a stylet using local anaesthesia on a conscious patient (local anaesthetic not always necessary)
- Mucosa-sparing procedure, no trauma to nasal columella and nasal septum
- Smooth surface reduces bacterial growth in the epipharynx and reliably closes it off from the main nasal cavity
- Smooth retention threads in the pharynx
- Reduced irritation of the mucosa of the epipharynx
- Elastic fixation of the inflated choanal balloon with a conventional anterior nasal pack and a high degree of elasticity of the latex material ensure optimum positioning
- The anterior nasal pack is largely prevented from receding by the elasticity of the shaft
- Easy removal of the nasal pack
- 1 piece / box, sterile

Art.-No.	Size (cm)	Feature	Material
2040100	28	with stylet	latex

Epistaxis Balloon Catheter, silicone, sterile

Properties

- Double-balloon catheter with two independently inflatable balloons
- The smaller balloon (10 cc) serves for stopping the bleeding in the nasopharynx
- The larger balloon (30 cc) stops bleeding within the main nasal cavity
- Integral airway allows post-op nasal breathing
- Slightly curved shape and flattened tip for easier insertion
- 1 piece/box



Art.-No.	Size
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2040200	standard
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