

# Instruments for EES

Endoscopic Ear Surgery



Quality you can rely on



Endoscopic Ear Surgery  
Instruments by Prof. Panetti

# Instruments for EES

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For decades, the limiting factor of Endoscopic Ear Surgery was one-handed work. The constant change between dissector, suction and forceps made this surgery slow and uncomfortable.

Together with **Professor Giuseppe Panetti**, **SPIGGLE & THEIS** developed a special product series that combines suction and dissection in one instrument. Thereby, new standards could be set in Endoscopic Ear Surgery.





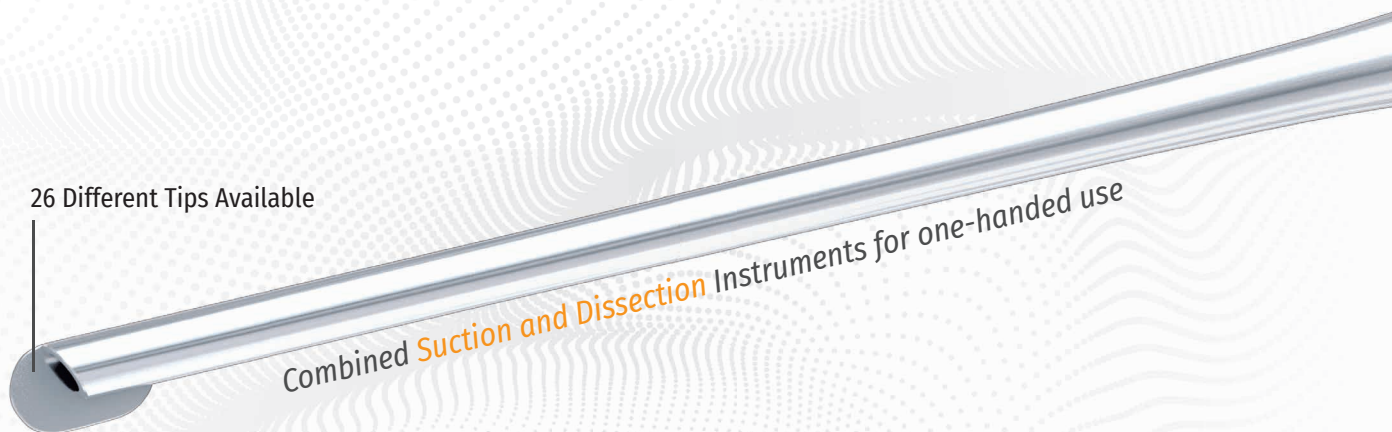
Prof. Giuseppe Panetti  
Director of the ENT Department  
San Paolo Hospital, Naples, Italy

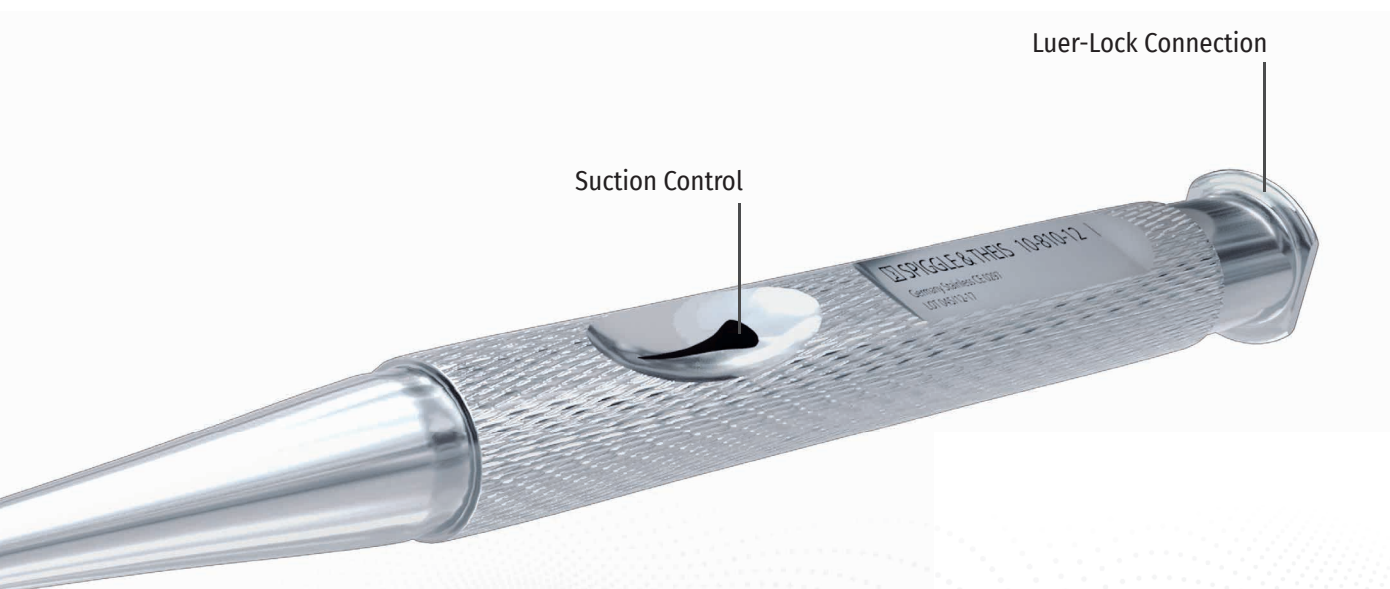
» The suction function enables simultaneous suction and dissection with just one instrument for which efficiency is significantly increased «

Prof. Giuseppe Panetti

Combined suction and dissection makes a more sufficient and precise working process. Each instrument has a suction duct with suction control on the handpiece; despite being newly developed the tips of the instruments are the tried and tested forms classically used in middle ear dissection.

The suction function enables simultaneous suction and dissection. Dissection is more effective when supported by the suction facility. Any otoendoscopic fogging or blood stains around the tip of the endoscope can be easily removed by rinsing with a hydro-saline solution.









**Advantages of the Instruments for EES by Prof. Panetti:**

- Time saving
- Less traumatic for the patient
- Enables easier removal of residual cholesteatoma
- Dissection and preparation with concurrent suction
- Effective suction control
- Autoclavable





## Suction dissectors, -separators and -micro hooks



### Dissection and suction of the cholesteatoma around the ear drum

10-800-12		<b>Suction dissector for ear drum, single curved, 3 mm</b>	
10-801-12		Art. No.	Direction
		10-800-12	left
		10-801-12	right
10-813-12		<b>Suction dissector for ear drum, very fine, single right curve</b>	
10-814-12		Art. No.	Direction
		10-813-12	single left curve
		10-814-12	single right curve




### Dissection and suction of the cholesteatoma in the sinus tympani

10-802-12		<b>Suction dissector for sinus tympani, double curved, 6 mm</b>	
10-803-12		Art. No.	Direction
		10-802-12	backward, left
		10-803-12	backward, right




### Dissection and suction of the cholesteatoma in the atticus

10-804-12		<b>Suction dissector for atticus, double curved, 6 mm</b>	
10-805-12		Art. No.	Direction
		10-804-12	forward, left
		10-805-12	forward, right

### Cutting through the incudo-stapedial-joint; lifting of the footplate



10-806-12		<b>Suction micro hook, 45°</b>	
10-867-12		Art. No.	Hook (mm)
10-807-12		10-806-12	1.0
		10-867-12	1.5
		10-807-12	2.0

### Dissolving and removing of the ear drum

10-808-12		<b>Suction separator, 45°</b>		
10-809-12		Art. No.	Ø (mm)	Description
10-811-12		10-808-12	2.5	suction in angle
		10-809-12	2.0	suction outer side
		10-811-12	2.5	suction outer side

Suction dissectors, -knives, -curettes and -finder

Incision of the external meatus; preparation of the meatal flap

10-810-12		Suction knife, oval, 2.5 mm	
10-812-12		Art. No.	Description
		10-810-12	suction left
		10-812-12	suction right



Cutting tissue

	Suction sickle knife, curved
	10-815-12

Removal of bone structure

	Suction curette, angled
	10-816-12

Removal of cholesteatoma in the antrum

10-817-12		Suction dissector, blunt	
10-818-12		Art. No.	Direction
		10-817-12	upcurved left
		10-818-12	upcurved right

Exploring the antrum with specific angle

	Preyer suction finder, blunt
	10-819-12

Irrigation and suction multi-functional instrument


	Saxby-Irrigator, oval irrigation, Luer-Lock
	10-820-12



Image 1:1 (13 cm length)



## Suction dissectors, -knife and -curette for **Acoustic Neuroma Surgery**



**Suction sickle knife, curved**

**10-830-17**



**Suction curette, curved**

**10-831-17**



**Suction dissector, left curved**

**10-832-17**



**Suction dissector, right curved**

**10-833-17**

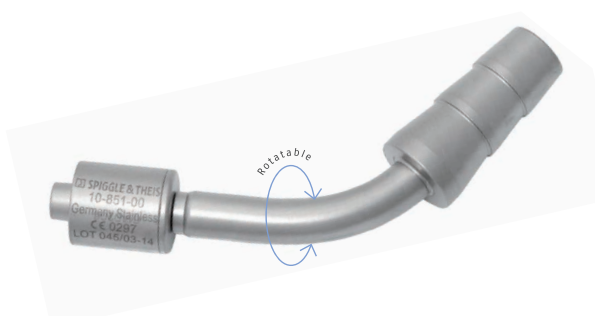
### **Features:**

- Elongated shaft, 17 cm
- Suction control on side 90°
- Panetti-Design, combined suction and dissection
- Luer-Lock connection for suction adapter, 360° rotatable, 55° curved
- Perfect approach to acoustic neuroma and cerebellum bridge angle



Image 1:1 (17 cm length)

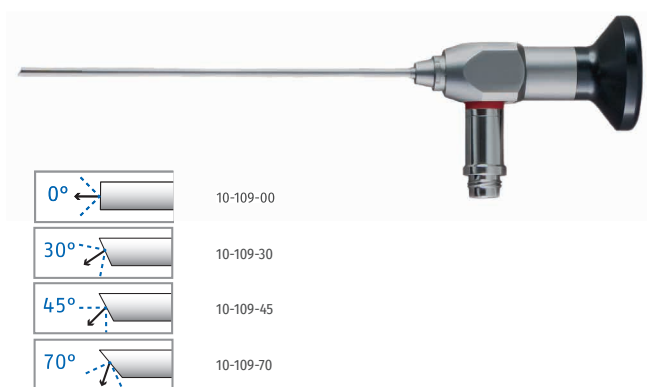
## Suction - adapter



**Suction adapter, rotatable, 55° curved, luer-lock male, hose connector**

**10-851-00**

## Otosopes and Light cables

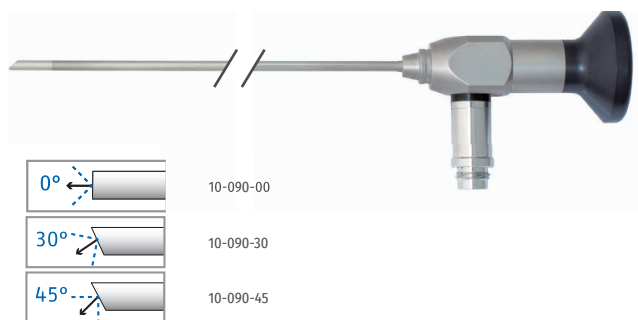


**Otoscope, large picture, HD, 3 mm, 110 mm, autoclavable**

Art. No.

10-109-00	0°
10-109-30	30°
10-109-45	45°
10-109-70	70°

Endoscopes with 0°, 30°, 45° or 70° optic



**Otoscope, HD, 3 mm, 141 mm, autoclavable**

Art. No.

10-090-00	0°
10-090-30	30°
10-090-45	45°

Endoscopes with 0°, 30° or 45° optic



**High definition fibre light cable,  
3.5 mm, endoscope side angled 90°,  
Storz/Storz connections, autoclavable**

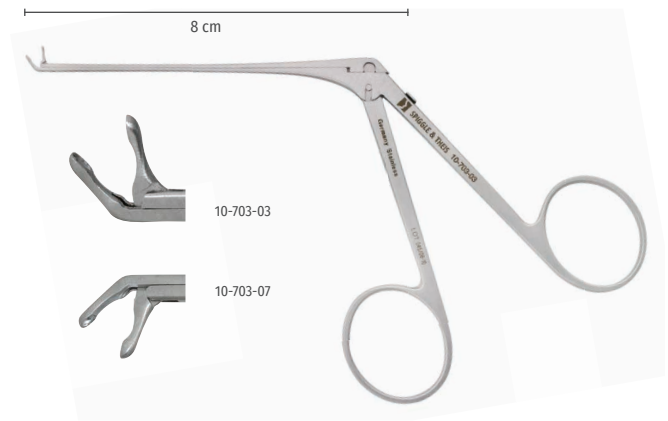
Art. No.	Length
70-266-02	1800 mm
70-267-03	3000 mm



Micro ear forceps



Micro ear forceps, oval cups, straight, extra fine, 0.5 x 1 mm, 8 cm  
10-703-04



Micro ear forceps, oval cups, fine, 0.8 x 1.3 mm, 8 cm

Art. No.	Description
10-703-03	curved upwards
10-703-07	curved downwards

## Preyer Retractor



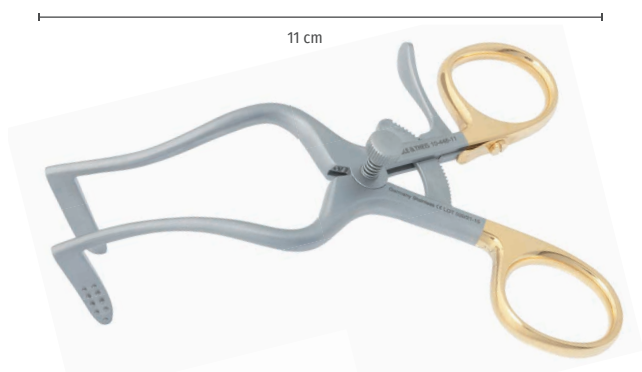
Prof. Dr. med. Serena Preyer  
Head of ENT in St. Vincentius-Kliniken  
Karlsruhe, Germany

» The atraumatic retractor allows changing back and forth from endoscope to microscope without causing bleeding in the ear canal. «

Prof. Dr. med. Serena Preyer

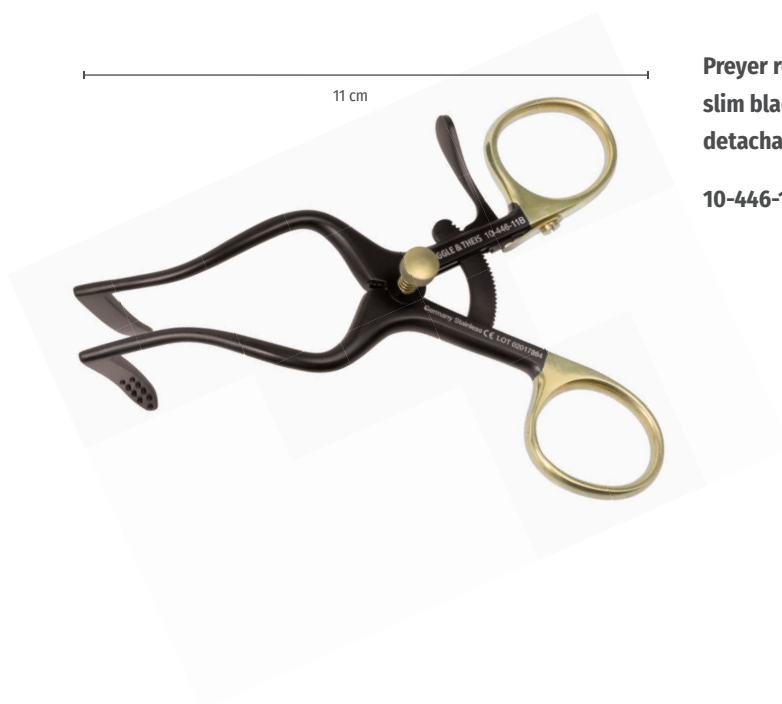
Endoscopic ear surgery has many advantages, but there are some steps in the procedure, where the change from endoscope to microscope still makes sense, e.g. in cholesteatoma surgery.

Thanks to the studs on both blades, the retractor can be positioned stably in the outer ear canal, without damaging the delicate ear canal skin.



**Preyer retractor,**  
**slim blade, gold plated grip, studded on both sides, 11 cm,**  
**detachable**

**10-446-11**

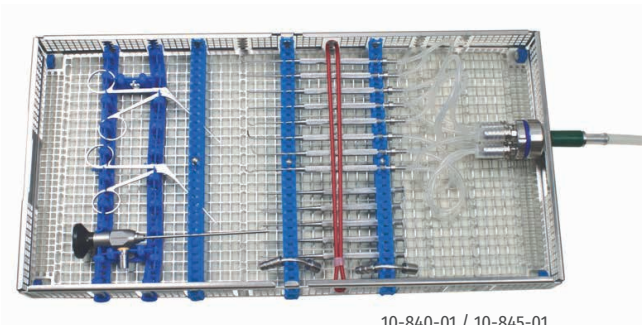


**Preyer retractor, Black Line**  
**slim blade, gold plated grip, studded on both sides, 11 cm,**  
**detachable**

**10-446-11B**



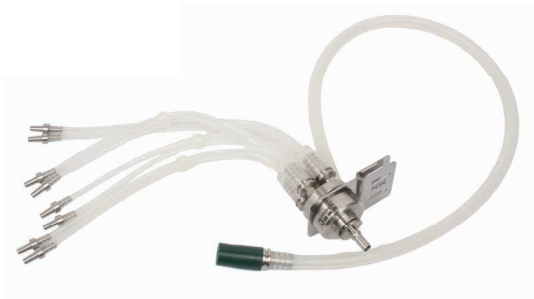
System Screen Baskets



10-840-01 / 10-845-01

System Screen Basket for Panetti Instruments

Art. No.	
10-840-01	
10-841-01	small



Irrigation component for System Screen Basket,  
including 8 irrigation connectors

10-845-01

### 10-890-00 Prof. Panetti Endoscopic/Microscopic Instrument Set, consisting of:

	Art. No.	Description	Shape	Direction	Size	Quantity
1)	10-800-12	Suction dissector for ear drum	single curved	left	3 mm	1
2)	10-801-12	Suction dissector for ear drum	single curved	right	3 mm	1
3)	10-802-12	Suction dissector for sinus tympani	double curved	backward, left side	6 mm	1
4)	10-803-12	Suction dissector for sinus tympani	double curved	backward, right side	6 mm	1
5)	10-804-12	Suction dissector for atticus	double curved	forward, left side	6 mm	1
6)	10-805-12	Suction dissector for atticus	double curved	forward, right side	6 mm	1
7)	10-806-12	Suction micro hook	45°		1.0 mm	1
8)	10-807-12	Suction micro hook	45°		2.0 mm	1
9)	10-808-12	Suction separator	45°	suction inner side	2.5 mm	1
10)	10-810-12	Panetti suction knife, oval		suction left side		1
11)	10-811-12	Suction separator	45°	suction outer side		1
12)	10-813-12	Suction dissector, very fine		single left curve		1
13)	10-814-12	Suction dissector, very fine		single right curve		1
14)	10-816-12	Panetti suction curette	angled			1
15)	10-817-12	Suction dissector, blunt	upcurved	left		1
16)	10-818-12	Suction dissector, blunt	upcurved	right		1
17)	10-819-12	Preyer suction finder, blunt				1
18)	10-820-12	Saxby-Irrigator, oval irrigation				1
19)	10-851-00	Suction adapter, rotatable, Luer-Lock male, hose connector,	55° angled			2
20)	10-703-03	Micro ear forceps, oval cups, fine, 0.8 x 1.3 mm	upwards curved		8 cm	1
21)	10-703-04	Micro ear forceps, oval cups, extra fine 0.5 x 1.0 mm	straight		8 cm	1
22)	10-703-07	Micro ear forceps, oval cups, fine 0.8 x 1.3 mm	downwards curved		8 cm	1
23)	10-446-11	Preyer retractor, slim blade, gold plated grip, detachable			11 cm	1
24)	10-109-30	Otoscope, HD, large picture, 3.0 mm OD, length 110 mm, autoclavable (optionally with 0° / 30° / 45° or 70° optics)			11 cm	1
25)	10-840-01	System Screen Basket for Panetti Instruments				1
26)	10-845-01	Irrigation component for System Screen Basket				2

### 10-895-00 Prof. Panetti Endoscopic/Microscopic Instrument Set, consisting of: as Set 10-890-00 but without otoscope



### 10-896-00 Prof. Panetti Endoscopic/Microscopic Instrument Set, consisting of :

	Art. No.	Description	Shape	Direction	Size	Quantity
1)	10-800-12	Suction dissector for ear drum	single curved	left side	3 mm	1
2)	10-801-12	Suction dissector for ear drum	single curved	right side	3 mm	1
3)	10-807-12	Suction micro hook	45°		2.0 mm	1
4)	10-808-12	Suction separator	45°	suction inner side	2.5 mm	1
5)	10-812-12	Suction oval knife		single right curve	2.5 mm	1
6)	10-815-12	Suction sickle knife	curved		13 cm	1
7)	10-851-00	Rotatable suction adapter, luer-lock male, hose connector	55° curved			1
8)	10-703-04	Micro ear forceps, oval cups, extra fine, 0.5 x 1.0 mm, 8 cm	straight		8 cm	1
9)	10-109-30	Otoscope, large picture, HD, 3 mm, 30° (optional 0°, 45° or 70°), 110 mm			11 cm	1
10)	10-841-01	System screen basket for Panetti instruments, small				1
11)	10-845-01	Irrigation component for system screen basket				1



