

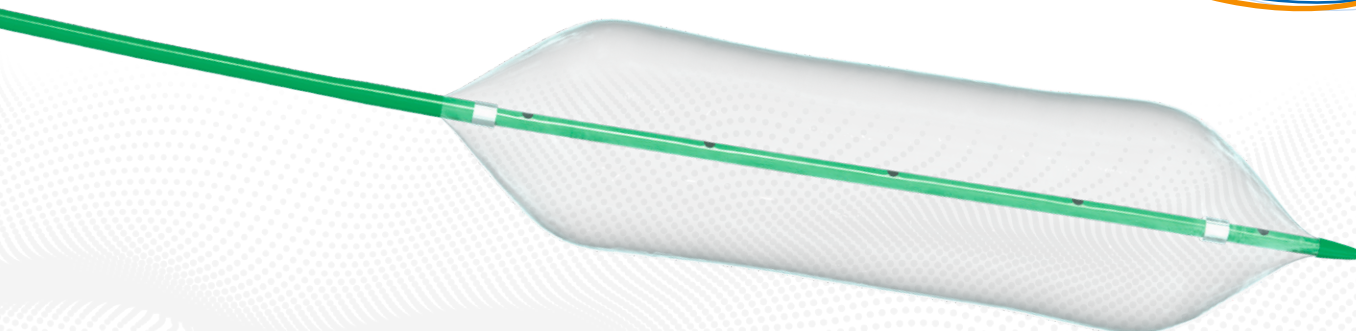


SPIGGLE & THEIS
Medizintechnik

Aeris[®]

Balloon Dilation Catheter
Next Generation Airway Dilation

*Exclusive
Non-Slip Design*



aeris[®]

Shaping the future of ENT care
smarter, safer and beyond limits

Aeris® Balloon Dilation Catheter

Maximize outcomes and minimize risks with the Aeris® Balloon Dilation Catheter.

Developed by an airway surgeon, Aeris® addresses the issues of slippage in airway stenosis. The exclusive non-slip design of the Aeris® balloon ensures safe and controlled dilation of the airway.

Broad range of balloon sizes

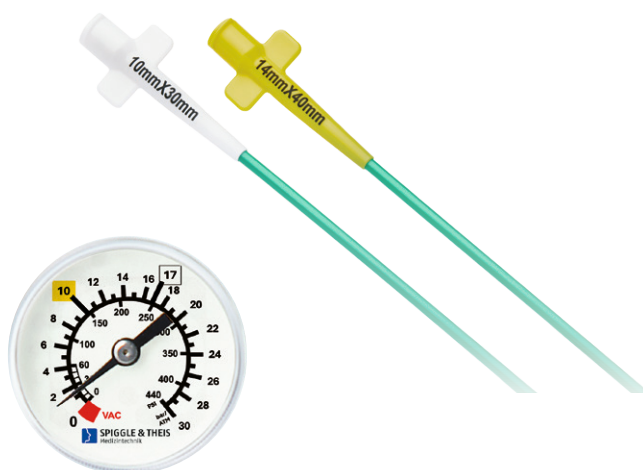
Aeris® comes in a broad range of sizes to meet both pediatric and adult anatomical needs

Single lumen catheter

Aeris® single lumen catheter enables fast inflation and deflation times

Color coded Luer-lock connectors

The balloon catheter Luer-locks are color coded to match the proper bar setting on the Aeris® inflation device gauge, reducing the occurrence of improper inflation

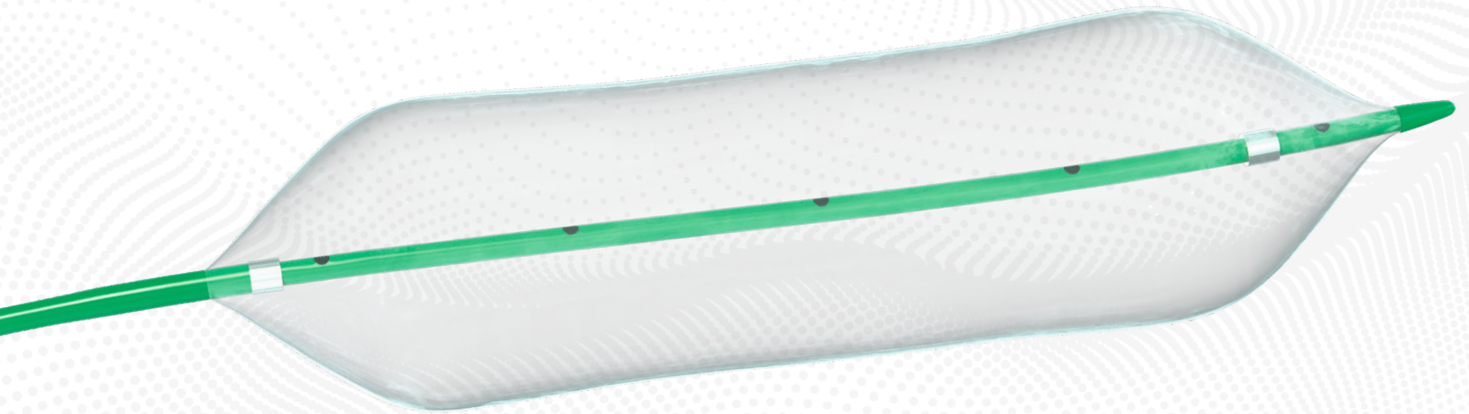


High-pressure balloon

The body of the balloon will increase to create a uniform diameter balloon at recommended inflation pressure

Cost effective

Aeris® catheters are sold in single packs, facilitating hospital inventory management



Aeris® balloon dilation catheter sizing guide in accordance to patient age

Patient age	Dilation goal Diameter of Larynx (mm)	Dilation goal Diameter of Trachea (mm)
Premature < 30 weeks		5
Premature > 30 weeks	5	6
Neonates	6	7
1 Year	6	7
2 Years	7	8
4 Years	8	9
6 Years	8 – 9	9 – 10
8 Years	8 – 9	10
10 Years	10	10 – 12
12 Years	10 – 12	12 – 14
14 Years	12	12 – 14
16 Years	12	14 – 16
Adult female	12 – 14	14 – 16
Adult male	14 – 16	16 – 18

Aeris® balloon dilation catheter in accordance to dilation goal diameter (mm)

Art.-No.	Dilation goal Diameter (mm)
AR-0530	5
AR-0630	6
AR-0730	7
AR-0830	8
AR-0930	9
AR-1030	10
AR-1240	12
AR-1440	14
AR-1640	16
AR-1840	18

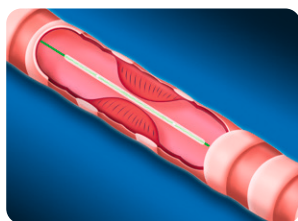
The selection of a dilation catheter must always be based on a clinical assessment by a qualified specialist. This sizing table is intended only as a general reference and does not replace a professional examination.

Sizes can also be determined using an ETT.

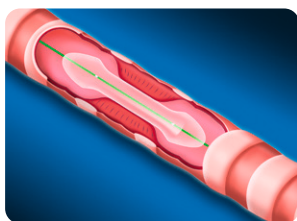
Formula: Take the outer diameter of an age-appropriate endotracheal tube and add 1 mm for the larynx and 2 mm for the trachea.

Aeris® Balloon Dilation Catheter

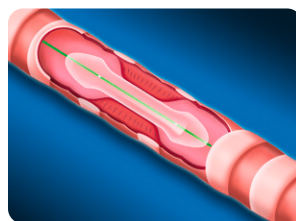
Bone-like shape and hubs on each end of the Aeris® balloon prevent slippage during dilation of airway stenosis.



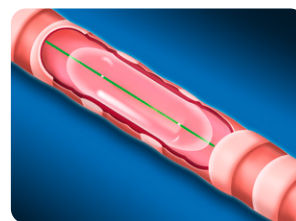
Under endoscopic visualization, the Aeris® balloon catheter is passed through the glottis and is centered over the stenosis.



The balloon is inflated to the desired pressure under endoscopic visualization while the diameter, shape and the position of the balloon is assessed. The balloon pressure is monitored using the gauge on the inflation device. It should be ensured that the proximal end of the balloon remains proximal to the stricture throughout inflation.



The exclusive non-slip design of the Aeris® balloon ensures a safe, controlled dilation.



The Aeris® balloon provides optimal radial expansion force over the stenotic area, maximizing outcomes and minimizing the risk of rupture.

Aeris® Balloon Dilation Catheter

- Sterile
- Single use
- Length: 55 cm
- 1 unit per box

Art.-No.	Balloon size diameter x length	Operating (maximum) pressure
AR-0530	5 mm x 30 mm	17 bar
AR-0630	6 mm x 30 mm	17 bar
AR-0730	7 mm x 30 mm	17 bar
AR-0830	8 mm x 30 mm	17 bar
AR-0930	9 mm x 30 mm	17 bar
AR-1030	10 mm x 30 mm	17 bar
AR-1240	12 mm x 40 mm	10 bar
AR-1440	14 mm x 40 mm	10 bar
AR-1640	16 mm x 40 mm	10 bar
AR-1840	18 mm x 40 mm	10 bar

Inflation Device for Aeris®

- Sterile
- Single use
- Color codings
- Syringe volume 30 cc
- 50 cm extension tube

2080-9030040-AR

