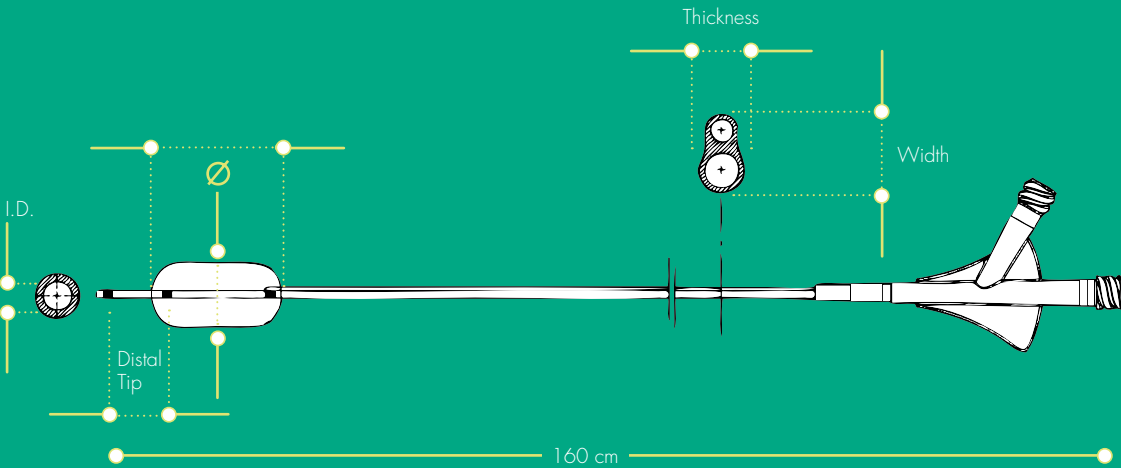


# balloon inflation compliance

Eclipse 2L

Balloon Catheter	2mm	3mm	4mm	5mm	6mm
ECL2L 6x7 SN	0,02 ml	0,04 ml	0,08 ml	0,13 ml	0,20 ml
ECL2L 6x9	0,02 ml	0,06 ml	0,10 ml	0,16 ml	0,25 ml
ECL2L 6x12	0,03 ml	0,07 ml	0,13 ml	0,21 ml	0,30 ml
ECL2L 6x15	0,04 ml	0,09 ml	0,16 ml	0,26 ml	0,40 ml
ECL2L 6x20	0,05 ml	0,12 ml	0,21 ml	0,34 ml	0,45 ml



Ø: Diameter I.D: Internal Diameter O.D: Outer Diameter L: Length

# ordering information

Eclipse 2L

Reference	Balloon (mm)		Distal tip O.D. x length	I.D. (main lumen)	Double lumen outer dimensions	
	Max Ø (mm)	Length (mm)			Thickness	Width
ECL2L 6x7 SN	6	7	2,0F x 3mm	Ø 0.41 mm / .017" (equivalent to VASCO+10)	Ø 0,9 mm (equivalent to 2,7F)	1,15 mm
ECL2L 6x9	6	9	2,0F x 7mm			
ECL2L 6x12	6	12				
ECL2L 6x15	6	15				
ECL2L 6x20	6	20				

Disponibil 2 versiuni de orificii distale:  
7mm și 3mm

References: 1. Internal data 2. Contrast media viscosity under 9 cP - Internal data.

ECLIPSE 2L is a double lumen balloon catheter intended for use in the peripheral vasculature and neurovasculature for temporary occlusion. The balloon catheters provide temporary vascular occlusion which is useful in selectively stopping or controlling blood flow and for the vasospasm treatment. The balloon catheters also offer balloon assisted embolization of intracranial aneurysms. They are also indicated for use in the peripheral vasculature and neurovasculature for administration of diagnostic agents (contrast solution) and therapeutic agents (embolization materials compatible with the inner diameter of the balloon catheters ECLIPSE 2L). Class III CE0297 in compliance with Medical Device Directive (MDD 93/42/EEC amended by 2007/47/EC). Manufactured by BALT Extrusion. Carefully read the instructions for use before use. First CE marking:2014.

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# eclipse<sup>2L</sup>

double lumen  
balloon catheter



# eclipse<sup>2L</sup>

## Exclusive design bringing unequalled features

Designed for use in the peripheral vasculature and neurovasculature, provide temporary vascular occlusion, vasospasm treatment, balloon assisted embolization, administration of diagnostic agents (contrast solution) and therapeutic agents

# 5 times faster deflation

aneurysm treatment



### ● Variety of tip lengths

#### For better stability and navigation

Eclipse 2L has a 7mm-long tip distal to the balloon

Eclipse 2L is also available with a short distal tip (Short Nose version)

### ● Flat catheter concept - ease of use

**Inflation / deflation time**  
five times quicker than competition<sup>1</sup>

**High visibility**  
as balloons can be filled up with 100% contrast media<sup>2</sup>

**Navigation**  
improved thanks to the hydrophilic coating.  
Eclipse 2L can go inside artery of 1.5mm

### ● Safety - easy valve

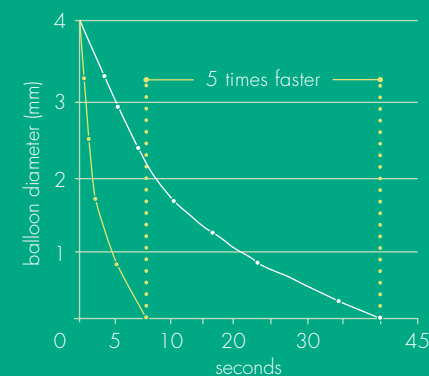
#### Easy purging system

Safety increased thanks to a reduced risk of blood aspiration

Working lumen  
I.D. .017"

Format din 2 lumene: unul pentru ghid și alt lumen pentru umflarea și dezumflarea independentă a balonului față de poziția ghidului

### Balloon deflation time comparison



● Eclipse 2L ● Competitor

## Large applications

### Remodeling

Eclipse 2L can be used in parallel with a coiling microcatheter VASCO+10 in a single 6F guiding catheter (FARGOMAX6F)

### Leo+ Baby

### Squid

DMSO Compatible

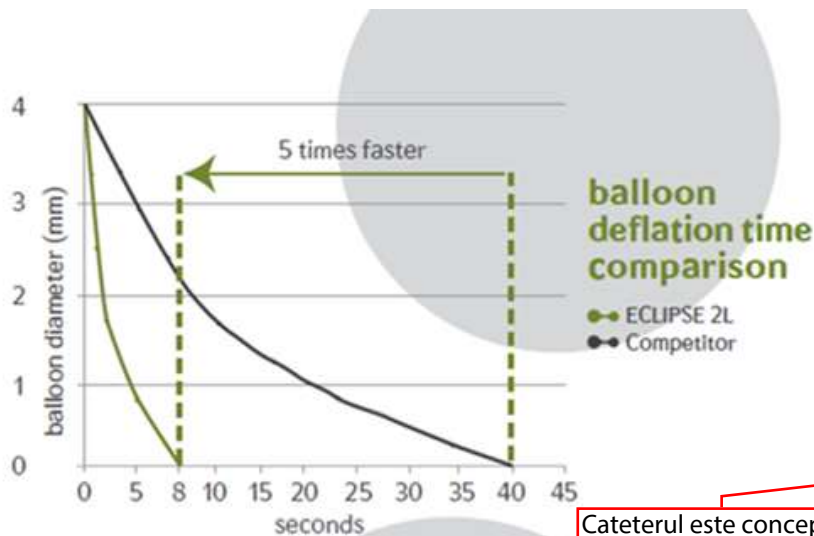
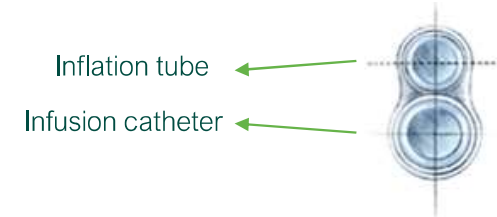
### Coils

Compatibil DMSO



# Patented innovations: Flat catheter concept (FCC)

## Technical features



### FCC → Flat Catheter Concept

Wide lumen to both the inflation tube & the infusion catheter which enables the use in parallel of the remodeling balloon & a guide, stent, liquid embolic or coiling microcatheter in a single 6F guiding catheter (e.g. FRGMAX 6F)

The wide inflation tube allows a much better control of the inflation / deflation. The ECLIPSE 2L deflates **5 times quicker** than competitor's balloons on a coaxial catheter

- 8 seconds for the ECLIPSE
- 40 seconds for other 2L balloon

Thanks to the quick inflation / deflation time of the balloons, a wider range of balloons can be proposed : up to **20mm long**

Thanks to the quick inflation / deflation time of the balloons, the balloons can be filled with **50% contrast solution minimum**

Cateterul este conceput cu un lumen larg atât pentru portul de umflare, cât și cel pentru perfuzie ce permite utilizarea în paralel a balonului de remodelare și a unui microcateter de ghidare, stent sau lichid embolic printr-un singur cate-ghid. până la 20 mm lungime

de asemenea balonul poate fi umplut cu minim 50% soluție de contrast

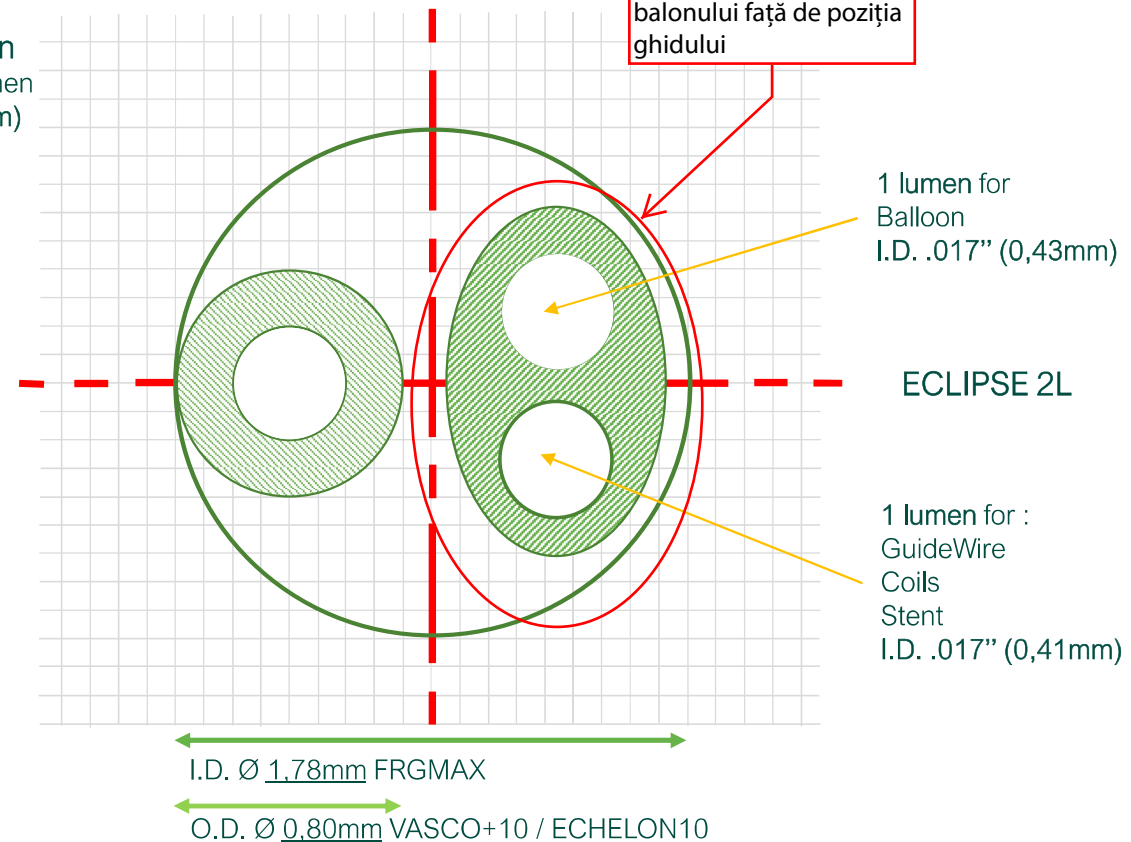
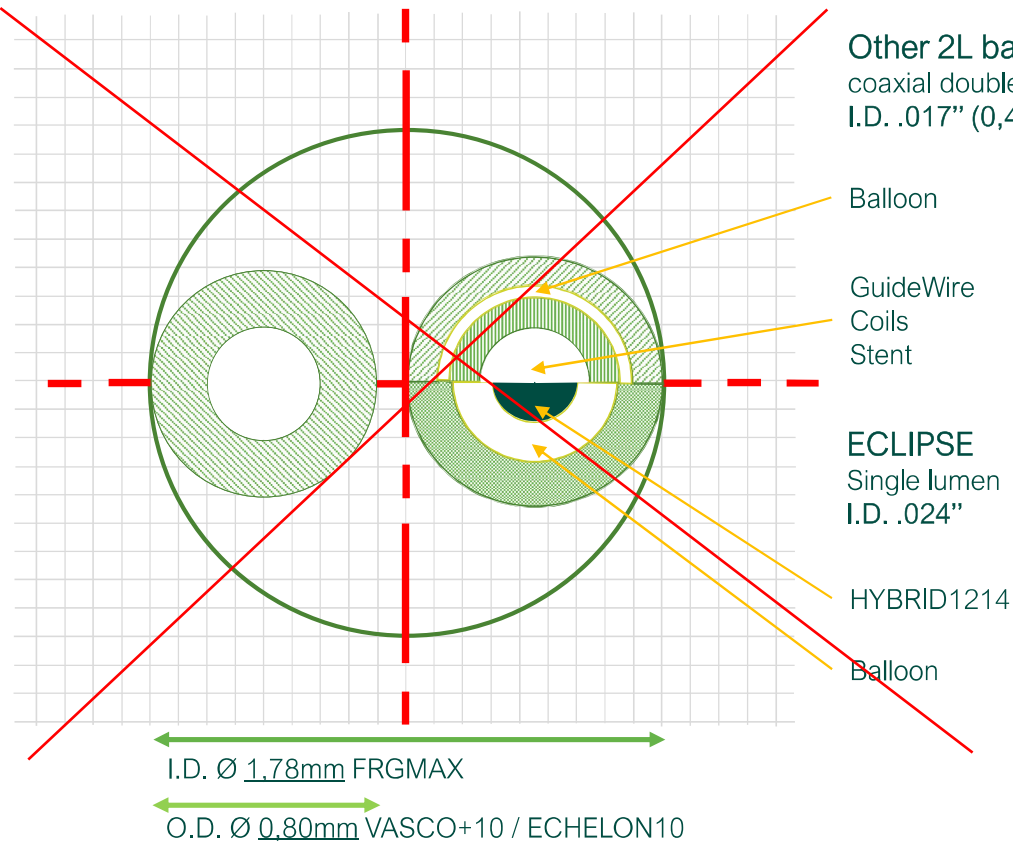
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# New design

## Technical features



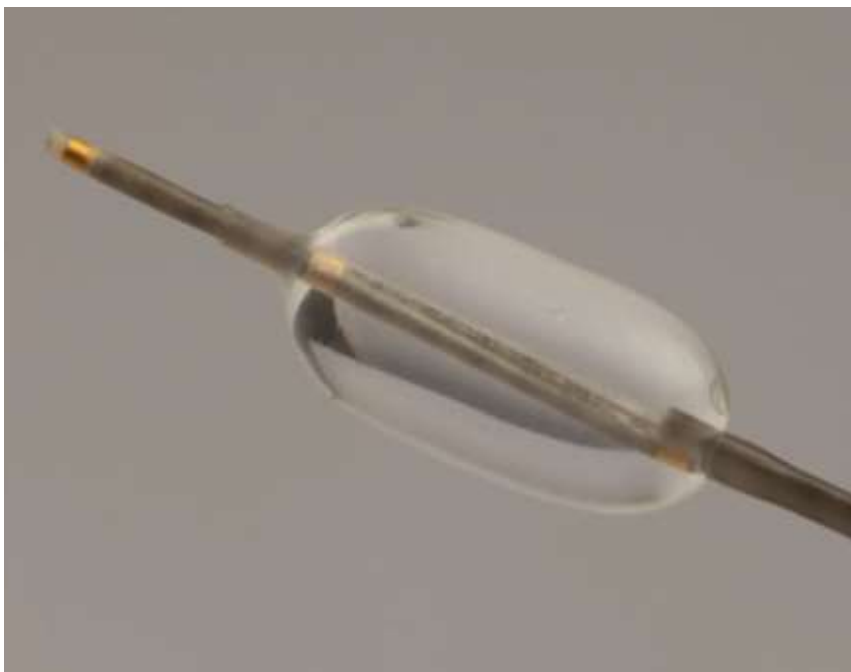
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# Patented innovations :

## Easy Valve

Technical features



Valva ce permite purjarea rapidă a aerului din interiorul balonului fără reflux astfel prevenind orice risc de aspirație a sîngelui în timpul dezumflării, fără necesitatea de a sigila canalul de purjare cu aer fierbinte sau orice risc de a distruge balonul.

### EASY VALVE → PURGING SYSTEM WITH NO BACK FLOW

The new design is particularly helpful for purging the air out of the balloon.

Its prevents any risk of **blood aspiration** while deflating the device :

- No need to seal the purge with hot air
- No risk of damaging the balloon

*Other balloon filled with blood after utilization*



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# Competition overview

## Competition mapping

	Navigability / rigidity	Compatibility	Balloon compliance	Visibility	Special features	Ranges
<b>Scepter C</b> MICROVENTION	Hydrophilic coating of the balloon	<ul style="list-style-type: none"> <li>DMSO based liquid embolics</li> <li>Guidewire 0.014"</li> </ul>	Compliant	Distal Tip Marker + Contrast		3 references Nominal balloon Ø: 4mm Balloon length: 10-15-20 mm Catheter length: 150 cm Balloon inflation volume: 0,16-0,18-0,22cc Tip length: 5mm
<b>Scepter XC</b> MICROVENTION			X-tra Compliant			1 reference Nominal balloon Ø: 4mm Balloon length: 11 mm Catheter length: 150 cm Balloon inflation volume: 0,10cc Tip length: 5mm
Acoperire hidrofilică a catetetrului și balonului.	No info found	<ul style="list-style-type: none"> <li>Guidewire 0.008"</li> </ul>	Compatibilitate ghid 0.014"	No info found	No info found	1 reference Nominal balloon Ø: 2.2mm Balloon length: 9 mm Catheter length: 167 cm Balloon inflation volume: 0,02cc Tip length: 2.5mm
<b>Eclipse 2L</b> BALT	Hydrophilic coating of the balloon	<ul style="list-style-type: none"> <li>DMSO based liquid embolics</li> <li>Guidewire 0.014"</li> </ul>	HyperCompliant	3 to 4 radiopaque markers + balloon to be filled up with 100% contrast media	<ul style="list-style-type: none"> <li><b>FCC (Flat Catheter Concept)</b> <ul style="list-style-type: none"> <li>Easy Valve</li> <li>Elliptical shape</li> </ul> </li> </ul>	10 references Nominal balloon Ø: 6mm Balloon length: 7-9-12-15-20 mm Catheter length: 160 cm Balloon inflation volume: 0,20ml to 0.45ml Tip length: 3 mm (Short Nose) & 7 mm

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# Balloon features

## Technical features

Balonul este unul hipercompliant din elastomer sintetic.

Hypercompliant balloon

supple synthetic elastomer

Quick inflation & deflation

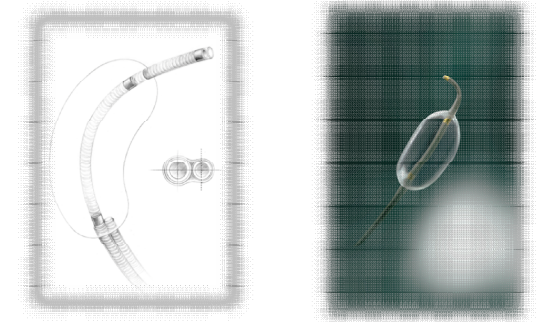
5 times faster deflation time vs competitive device

50% contrast minimum

can be filled up with 100% contrast media  
(see details in the next slide)

Radiopaque markers

1 marker on the distal end (tip)  
2 markers to delimit the proximal and distal parts of the balloon  
\* ECL2L6X7SN → additional marker proximal (3cm from the distal one) to facilitate coiling procedures



Occlusion & conformability

Ease of use & good visibility

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