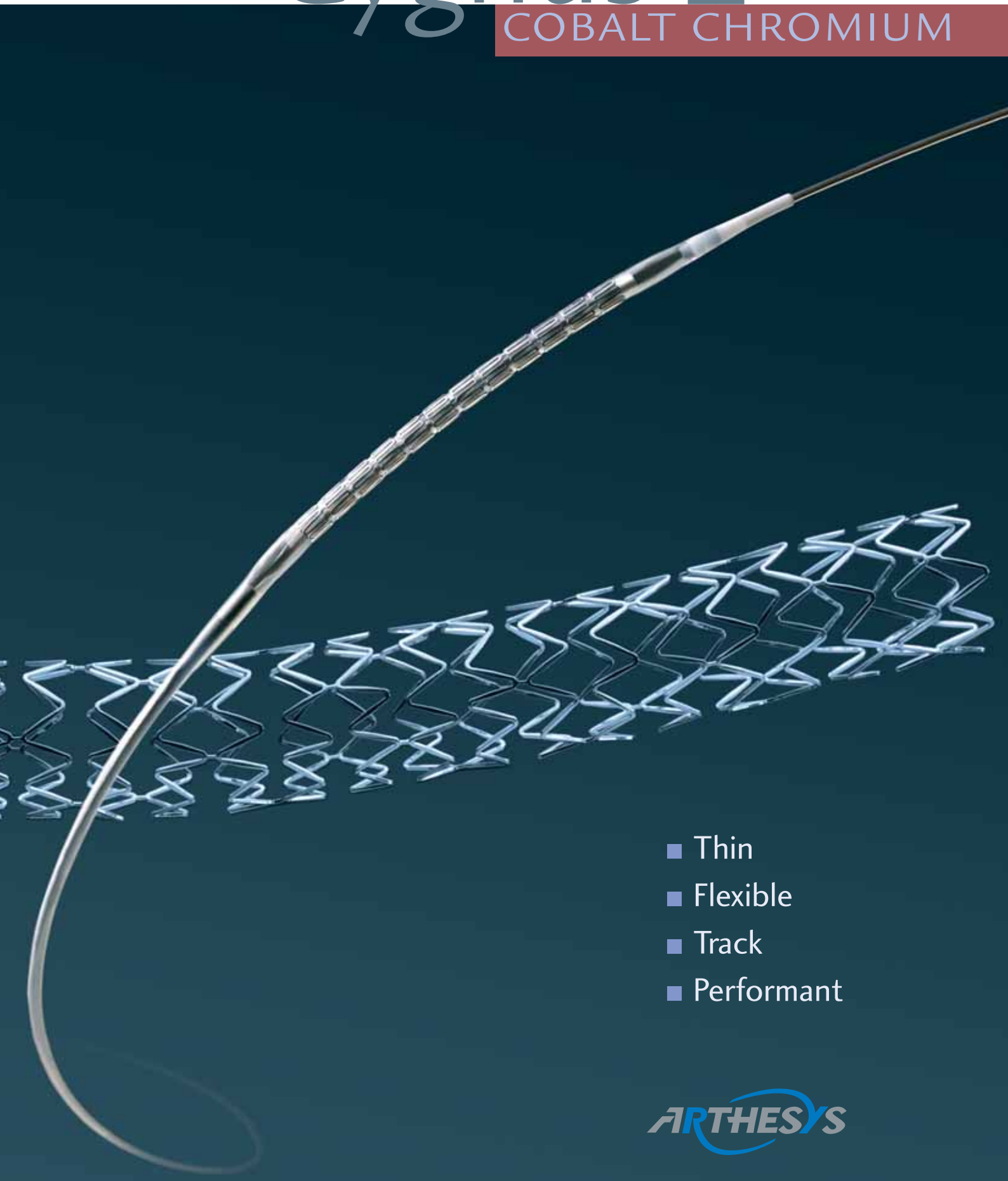
Performing by design

Cygnus II

COBALT CHROMIUM



- Thin
- Flexible
- Track
- Performant

ARTHESYS

Committed to excellence in developing Arterial Therapeutic Systems

Cygnus II

COBALT CHROMIUM

Totally reliable performances

Length	diameter in mm							
	2.25	2.50	2.75	3.00	3.50	4.00	4.50	5.00
8 mm	⊡	⊡	⊡	⊡	⊡	⊡	⊡	⊡
12 mm	⊡	⊡	⊡	⊡	⊡	⊡	⊡	⊡
16 mm	⊡	⊡	⊡	⊡	⊡	⊡	⊡	⊡
20 mm	⊡	⊡	⊡	⊡	⊡	⊡	⊡	⊡
24 mm	⊡	⊡	⊡	⊡	⊡	⊡	⊡	⊡
28 mm	⊡	⊡	⊡	⊡	⊡	⊡	⊡	⊡
32 mm	⊡	⊡	⊡	⊡	⊡	⊡	⊡	⊡
36 mm	⊡	⊡	⊡	⊡	⊡	⊡	⊡	⊡
40 mm	⊡	⊡	⊡	⊡	⊡	⊡	⊡	⊡

⊡ available

Technical specifications

Cygnus II Cobalt Chromium									
Stent lengths (mm)	8	12	16	20	24	28	32	36	40
Stent diameters (mm)	2.25 / 2.5 / 2.75 / 3.0 / 3.5 / 4.0 / 4.5 / 5.0								
Material	Cobalt Chromium Alloy L-605								
Strut Thickness	73µm - 0,073 mm - 0,0029"								
Strut Width	0.08 mm (hinge) - 0.12 mm (strut)								
Device lengths	Stent length = balloon length = markers distance								
Metal to artery ratio	14% average								
Nominal Pressure	8 ATM								
Rated Burst Pressure	16 ATM except diameters 4.5 / 5.0 and diameter 4.0 with length higher than 20mm (14 ATM)								
Average foreshortening	< 1%								
Average recoil	< 5%								
Guiding catheter compatibility	5F (0.058" ID) except diameters 4.5 and 5.0 → 6F (0.071")								
Guidewire compatibility	0.014" maximum recommended								

Thin

Extra thin Cobalt Chromium struts 73 µm for uncompromising radial strength and radiopacity.

Flexible

Unique design, a combination of intermediate and open cells stent for outstanding flexibility and optimal vessel support.

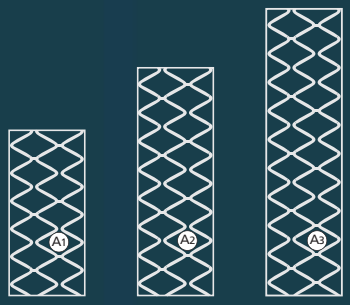
Track

Innovative hydrophilic coated shaft and extra low profile for accessing the most tortuous lesions.

Performant

Only designed to perform.

Stent design



6 cells 2.25-2.50 **8 cells** 2.75-3.50 **10 cells** 4.00-5.00

Homogenous deployment distribution
Surface A1 = A2 = A3

ARTHESYS

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