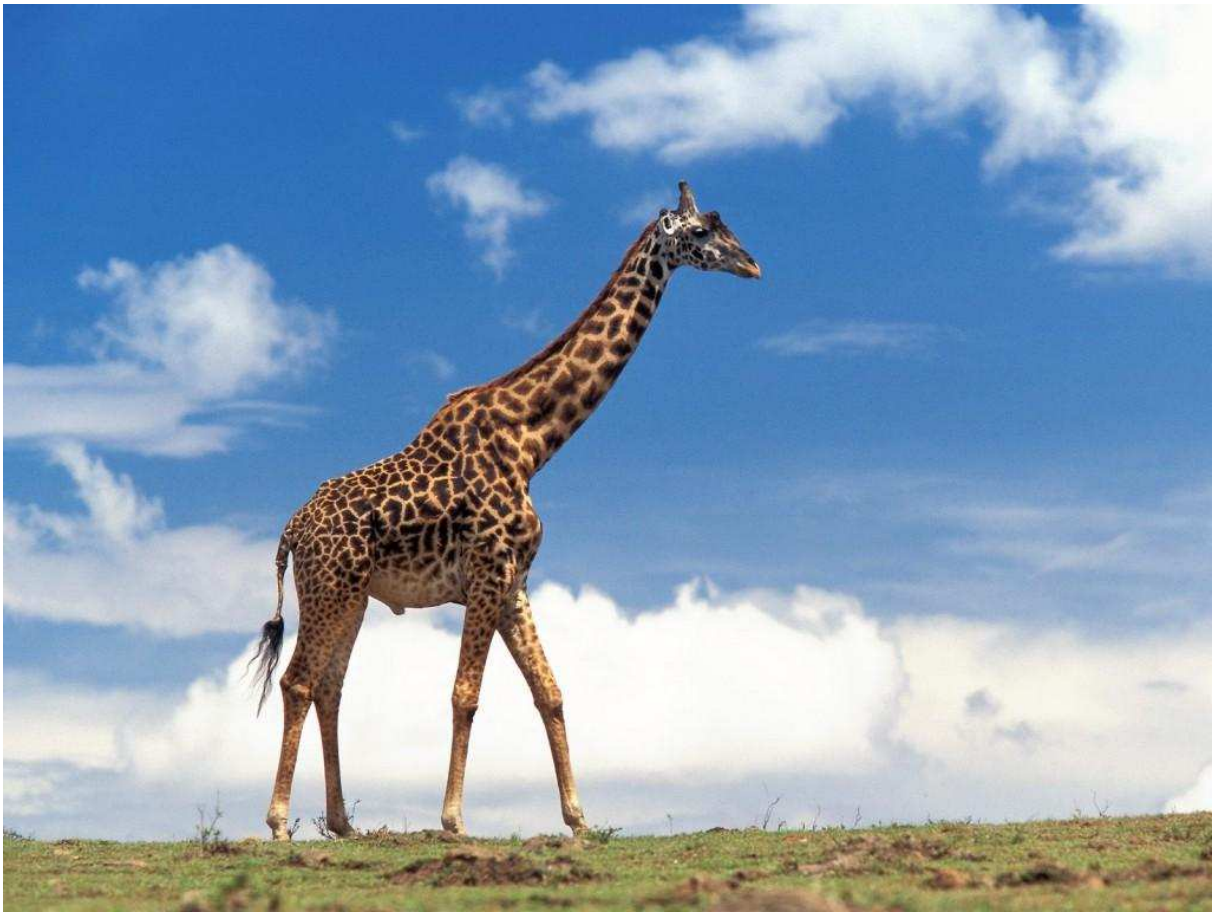
AndraTec *Advanced Interventional Technologies*

Optimus® CoCr Stent



- World Largest Diameter Balloon Expandable Stent
- Highly Flexible With Minimal Foreshortening For BX-Stents
- Superior Radial Force With Safety Of Delivery And Performance
- Improved Technology

Optimus™

Largest Balloon Expandable Stent

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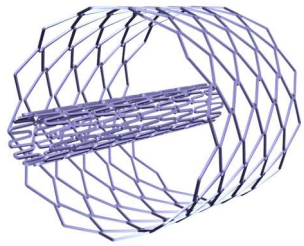

- The Optimus® CoCr Stent is especially designed for large vessel support, extra safety in every day and difficult procedures. Taking the good design of previous hybrid cell designed XL CoCr stent and making it better in terms of Expansion Range, Foreshortening, Radial Force and production Quality.
- The HD CoCr material and the hybrid-cell design allow highest radial force and superior flexibility with minimal foreshortening.
- The Optimus® CoCr Stent is intended for use in complex interventional procedures where incremental features and structural consistence is requested.

Technical Information:

Material:	HD Cobalt Chromium MP35N
Stent Design:	Hybrid Cell Design
Dilatation Range AndraTec L-Stent:	9 ZIGS To Range From 12mm – 18mm Ø
Recommended Sheath L-Stent:	min. 7 F (+ 2F) depending on the PTA
Dilatation Range AndraTec XL-Stent:	12 ZIGS To Range From 18mm – 24mm Ø
Recommended Sheath XL-Stent:	min. 8 F (+ 2F) depending on the PTA
Dilatation Range AndraTec XXL Stent:	15 ZIGS To Range From 22mm – 28mm Ø
Recommended Sheath XXL Stent:	min. 11 F (+ 2F) depending on the PTA
Stent Recoil:	< 10.8%
Surface / Artery Ratio	18% -23%
Strut-thickness:	0.010"

Foreshortening Table Optimus® CoCr - Bare Stent in mm

	Optimus® CoCr-L				Optimus® CoCr-XL				Optimus® CoCr-XXL			
Stent length (mm)	Ø 12	Ø 14	Ø 16	Ø 18	Ø 18	Ø 20	Ø 22	Ø 24	Ø 22	Ø 24	Ø 26	Ø 28
(AT-13) 13,8	12,7	12,1	11,4	10,5	12,2	11,6	11,0	10,3	n/a	n/a	n/a	n/a
(AT-18) 18,6	17,2	16,4	15,4	14,1	16,4	15,7	14,8	13,9	16,5	16,0	15,4	14,7
(AT-23) 23,4	21,6	20,6	19,3	17,8	20,6	19,7	18,7	17,5	20,8	20,1	19,4	18,5
(AT-28) 28,2	26,0	24,8	23,3	21,4	24,9	23,8	22,5	21,1	25,1	24,2	23,4	22,3
(AT-33) 33,0	30,4	29,0	27,3	25,1	29,1	27,8	26,3	24,7	29,4	28,4	27,3	26,1
(AT-38) 37,8	34,9	33,3	31,2	28,7	33,4	31,9	30,1	28,3	33,6	32,5	31,3	29,9
(AT-43) 42,6	39,3	37,5	35,2	32,3	37,6	35,9	34,0	31,9	37,9	36,6	35,3	33,7
(AT-48) 47,4	43,7	41,7	39,2	36,0	41,8	40,0	37,8	35,4	42,2	40,8	39,3	37,5
(AT-57) 57,0	52,6	50,2	47,1	43,3	50,3	48,1	45,5	42,6	50,7	49,0	47,2	45,1

Order Codes Optimus® CoCr Stent L - XL and XXL

	Stent Length								
	13,8 mm	**18,6 mm**	**23,4 mm**	**28,2 mm**	**33,0 mm**	**37,8 mm**	**42,6 mm**	**47,4 mm**	**57,0 mm**
L	AT-13L	AT-18L	AT-23L	AT-28L	AT-33L	AT-38L	AT-43L	AT-48L	AT-57L
XL	AT-13XL	AT-18XL	AT-23XL	AT-28XL	AT-33XL	AT-38XL	AT-43XL	AT-48XL	AT-57XL
XXL	n/a	AT-18XXL	AT-23XXL	AT-28XXL	AT-33XXL	AT-38XXL	AT-43XXL	AT-48XXL	AT-57XXL

* AndraTec recommends the AltoSa-XL-Gemini Balloon to use with the Optimus Stent family.

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