AndraTec *Advanced Interventional Technologies*

Optimus-CVS® PTFE-Covered Balloon-Expandable Stent



- Optimus® CVS PTFE-Covered high performance balloon expandable Stent
- Extra wide dilatation range for covered balloon expandable Stents
- Superior radial force with safety of delivery and performance
- Unique Sandwich covering with widest expansion range

Optimus-CVS ®

Balloon Expandable Covered Stent

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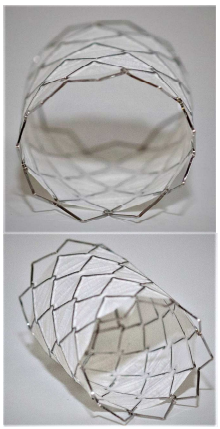

- The unique Optimus-CVS® PTFE-Covered Balloon-Expandable CoCr Stent is designed for extra safety in every day and difficult procedures.
- The Superior Design of the Optimus-CVS® Stent gives the product high radial strength, excellent foreshortening and increased flexibility.
- The unique high performance sandwich PTFE coating combined with the material Cobalt-Chromium leads to excellent results where extra strength is needed.
- The Optimus-CVS® PTFE-Covered Balloon-Expandable Stent is intended to use for complex interventional procedures where increased radial force and extra safety of a PTFE covering is needed.

Technical Information:

Material:	HD Cobalt Chromium MP35N / PTFE
Stent Design:	Hybrid Cell Design
Dilatation Range Optimus-CVS L-Stent:	9 ZIGS To Range From 12mm – 18mm Ø
Recommended Sheath L-Stent:	min. 8 F (+3F) depending on the PTA
Dilatation Range Optimus-CVS XL-Stent:	12 ZIGS To Range From 18mm – 24mm Ø
Recommended Sheath XL-Stent:	min. 9 F (+ 3F) depending on the PTA
Dilatation Range Optimus-CVS XXL Stent:	15 ZIGS To Range From 22mm – 28mm Ø
Recommended Sheath XXL Stent:	min. 12 F (+ 3F) depending on the PTA
Stent Recoil:	< 10.8%
Covering:	Unique PTFE Sandwich Technology

Foreshortening Table Optimus® CVS Stent in mm

	Optimus-CVS®-L				Optimus-CVS®-XL				Optimus-CVS®-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
(ATCV-18) 18,6	17,2	16,4	15,4	14,1	16,4	15,7	14,8	13,9	n/a	n/a	n/a	n/a
(ATCV-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
(ATCV-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
(ATCV-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
(ATCV-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
(ATCV-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
(ATCV-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
(ATCV-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-CVS® PTFE-Covered Balloon-Expandable Stent L - XL and XXL

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

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

CE 0044

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