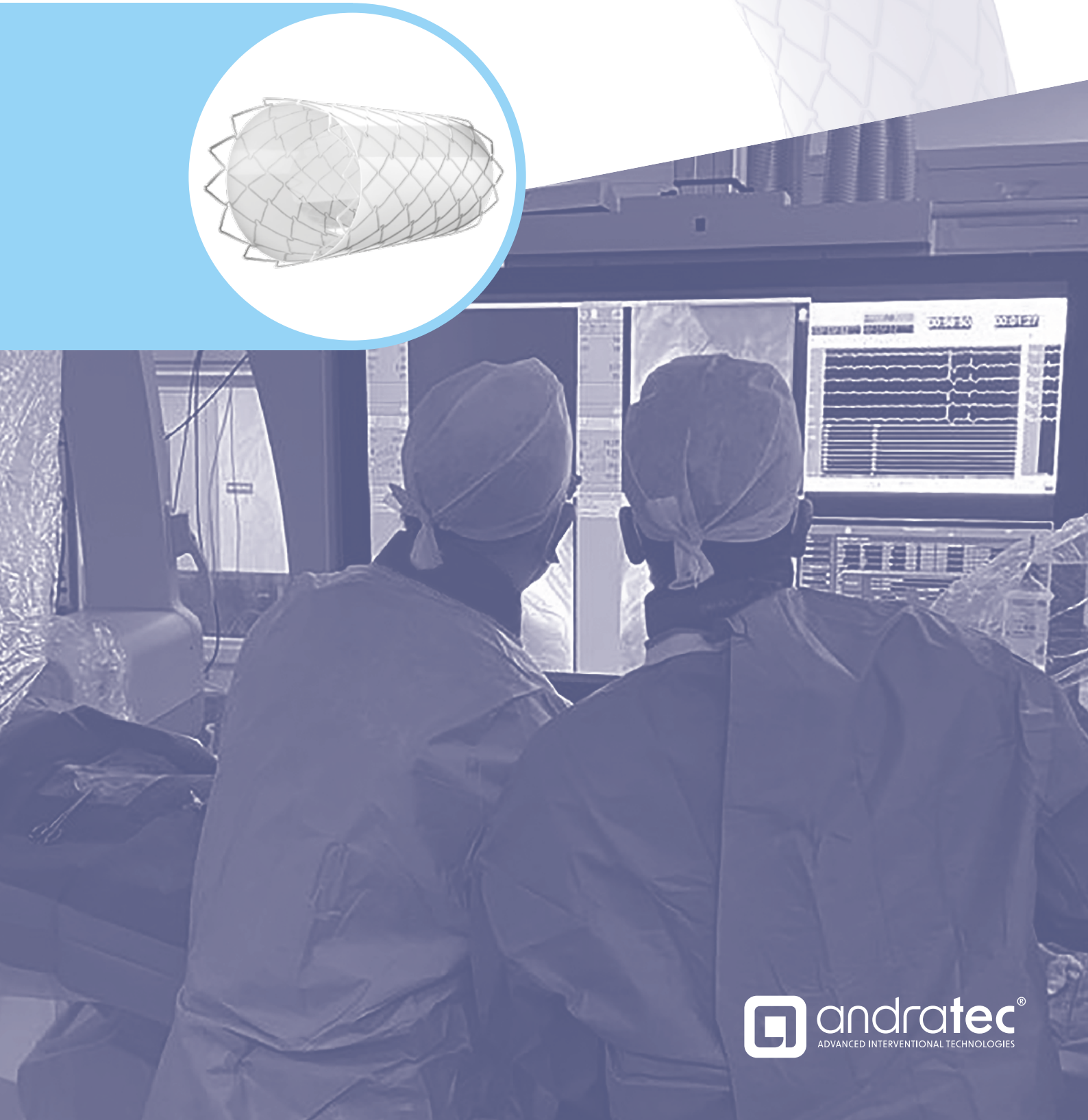
optimus® CVS

OPTIMUS CVS
PTFE COVERED STENT

unique PTFE sandwich bonded stent design



andratec®
ADVANCED INTERVENTIONAL TECHNOLOGIES

optimus®
CVS | OPTIMUS CVS PTFE COVERED STENT

- Designed for extra safety in every day and challenging procedures.
- The Hybrid Cell design with Ωmega-Flex® Connector providing enhanced expansion range, flexibility, uniform cell expansion and high radial force.
- High conformability in vessel tortuosity.
- Unique sandwich bonded PTFE Covered stent with end-free segments.
- Intended to use in complex interventional procedures where enhanced safety of a PTFE covering is required.



Technical Information

Material	Cobalt Chromium MP35N / PTFE
Stent Design	Hybrid Cell Design with Ωmega-Flex® Connector
Dilatation Range Optimus-CVS L-Stent	9 ZIGS To Range From 12mm – 18mm Ø
Recommended Delivery Sheath Size for L Stent	Minimal +3F higher than rec. Introducer Size of selected PTA balloon
Dilatation Range Optimus-CVS XL-Stent	12 ZIGS To Range From 18mm – 24mm Ø
Recommended Delivery Sheath Size for XL Stent	Minimal +3F higher than rec. Introducer Size of selected PTA balloon
Dilatation Range Optimus-CVS XXL Stent	15 ZIGS To Range From 22mm – 28mm Ø
Recommended Delivery Sheath Size for XXL Stent	Minimal +3F higher than rec. Introducer Size of selected PTA balloon
Stent Recoil	< 10%
Stent Covering	Unique PTFE sandwich bonded technology

Stent end-length (mm)* / Deployed diameter (mm)

Product Code	⟷	Optimus-CVS® Stent **L**				Optimus-CVS® Stent **XL**				Optimus-CVS® Stent **XXL**			
		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 L/XL	18,6	17,2	16,4	15,4	14,1	16,4	15,7	14,8	13,9	-	-	-	-
ATCV-23 L/XL/XXL	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 L/XL/XXL	28,2	26,0	24,8	23,3	21,4	25,2	24,3	23,1	21,6	25,1	24,2	23,4	22,3
ATCV-33 L/XL/XXL	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 L/XL/XXL	37,8	34,9	33,3	31,2	28,7	33,7	32,2	30,6	28,7	33,6	32,5	31,5	29,9
ATCV-43 L/XL/XXL	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 L/XL/XXL	47,4	43,7	41,7	39,2	36,0	42,2	41,5	39,9	37,8	42,2	40,8	39,3	37,5
ATCV-57 L/XL/XXL	57,0	52,6	50,2	47,1	43,3	50,3	48,1	45,5	42,6	51,5	49	47,2	45,1

* Average tolerance +/- 5%

Order codes and 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 selecting AltoSa®-XL Gemini Balloon as stent carrier/deployment balloon for Optimus® CoCr Stent and Optimus® CVS PTFE Covered Stent

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Ω Omega-Flex® Connector | Actual stent length Optimus PTFE Covered Stent (mm) | End-length expanded Optimus PTFE Covered Stent (mm)

Ø Inflated balloon/ Deployed stent diameter (mm) | ⟷ Stent lenght (mm) | **+3F** use minimal 3F higher than recommended introducer size of selected PTA balloon

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