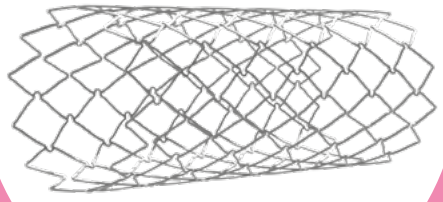
optimus®

CoCr | OPTIMUS CoCr STENT

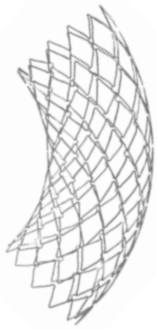
Ωmega-flex® connector hybrid-cell stent design



andratec®
ADVANCED INTERVENTIONAL TECHNOLOGIES

optimus® CoCr | OPTIMUS CoCr 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.
- Minimal foreshortening in combination with a controlled end-length.
- Intended to use in complex interventional procedures where enhanced safety is required.



Technical Information

Material	Cobalt Chromium MP35N
Stent Design	Hybrid Cell Design with Ωmega-Flex® Connector
Dilatation Range Optimus-CoCr L-Stent	9 ZIGS To Range From 12mm – 18mm Ø
Recommended Delivery Sheath Size for L Stent	Minimal +2F higher than rec. Introducer Size of selected PTA balloon
Dilatation Range Optimus-CoCr XL-Stent	12 ZIGS To Range From 18mm – 24mm Ø
Recommended Delivery Sheath Size for XL Stent	Minimal +2F higher than rec. Introducer Size of selected PTA balloon
Dilatation Range Optimus-CoCr XXL-Stent	15 ZIGS To Range From 22mm – 28mm Ø
Recommended Delivery Sheath Size for XXL Stent	Minimal +2F higher than rec. Introducer Size of selected PTA balloon
Stent Recoil	< 10%
Surface / Artery Ratio	18% -23%
Strut-thickness	0.010"

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

Product Code	⟷	Optimus-CoCr® Stent **L****				Optimus-CoCr® Stent **XL**				Optimus-CoCr® Stent **XXL**			
		∅ 12	∅ 14	∅ 16	∅ 18	∅ 18	∅ 20	∅ 22	∅ 24	∅ 22	∅ 24	∅ 26	∅ 28
	A												
AT-13 L/XL	13,8	12,7	12,1	11,4	10,5	12,2	11,6	11	10,3	-	-	-	-
AT-18 L/XL/XXL	18,6	17,2	16,4	15,4	14,1	16,4	15,7	14,8	13,9	16,5	16	15,4	14,7
AT-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
AT-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
AT-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
AT-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
AT-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
AT-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
AT-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%
** The average foreshortening of the Optimus CoCr Stent L-size between 6 to 10 mm deployment diameter is <1 mm

Order codes and stent length

A	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
CoCr-L	AT-13L	AT-18L	AT-23L	AT-28L	AT-33L	AT-38L	AT-43L	AT-48L	AT-57L
CoCr-XL	AT-13XL	AT-18XL	AT-23XL	AT-28XL	AT-33XL	AT-38XL	AT-43XL	AT-48XL	AT-57XL
CoCr-XXL	n/a	AT-18XXL	AT-23XXL	AT-28XXL	AT-33XXL	AT-38XXL	AT-43XXL	AT-48XXL	AT-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 | A Actual stent length Optimus CoCr Stent (mm) | End-length expanded Optimus CoCr Stent (mm)
∅ Inflated balloon/ Deployed stent diameter (mm) | ⟷ Stent lenght (mm) | **+2F** use minimal 2F higher than recommended introducer size of selected PTA balloon

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