

Venous Cannula

Wired and Femoral



BRAILE
LIFE-SAVING TECHNOLOGIES

Wired Venous Cannula

Anvisa no. 10159030116

The Wired Venous Cannula is composed of polyvinyl chloride (PVC), 304 stainless steel, polycarbonate (PC), ethylene vinyl acetate (EVA), polyethylene (PE), and 711-8005/USP ink. The cannula features a wired body and a proximal tip available in straight or angled configurations, with single-, double-, or triple-stage designs. At the distal end, the wired body is designed to accommodate standard-size connectors, allowing connection to 1/4", 3/8", and 1/2" tubing. The cannulas include depth markings printed with medical-grade ink. All components are manufactured from non-toxic, biocompatible, and pyrogen-free materials.

Indication

The Wired Venous Cannula is intended for venous cannulation to provide venous drainage during surgical procedures performed with extracorporeal circulation. The cannula connects the venous line of the extracorporeal circulation circuit to the patient's circulatory system, draining venous blood into the circuit.

The cannula may be used for drainage of the jugular vein, inferior vena cava, superior vena cava, and right atrium, with no restriction on the use of other venous vessels as the cannulation site.



Wired Venous Cannula - Single-Stage Straight Tip: Pediatric and adult cannulas feature a multiperforated conical tip, resistant to kinking, with depth markings.



Wired Venous Cannula - Single-Stage Tip 90°: Pediatric and adult cannulas feature a 90° angled multiperforated conical tip.



Wired Venous Cannula - Single-Stage Curved Tip: Pediatric and adult cannulas feature an angled tip.



Wired Venous Cannula - Double-Stage Oval: Features a double-stage design with a multiperforated conical tip, resistant to twisting, and depth markings. The oval body provides a lower profile within the surgical field.



Wired Venous Cannula - Double-Stage: Features a double-stage design with a multiperforated conical tip, resistant to twisting, and depth markings.

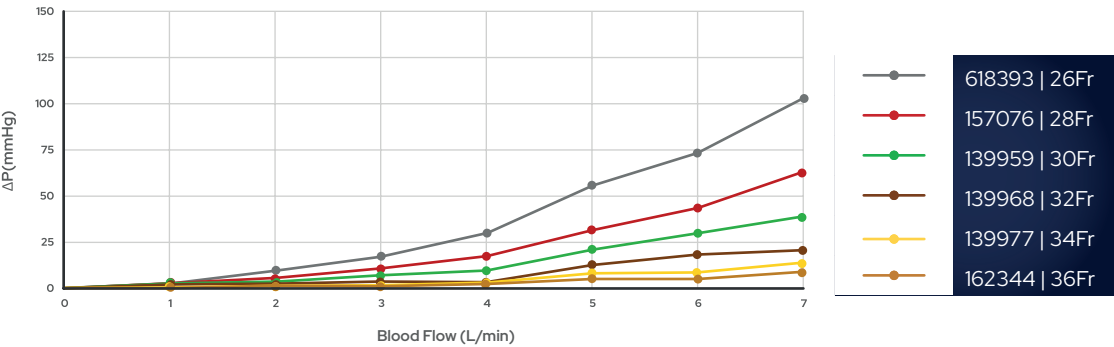
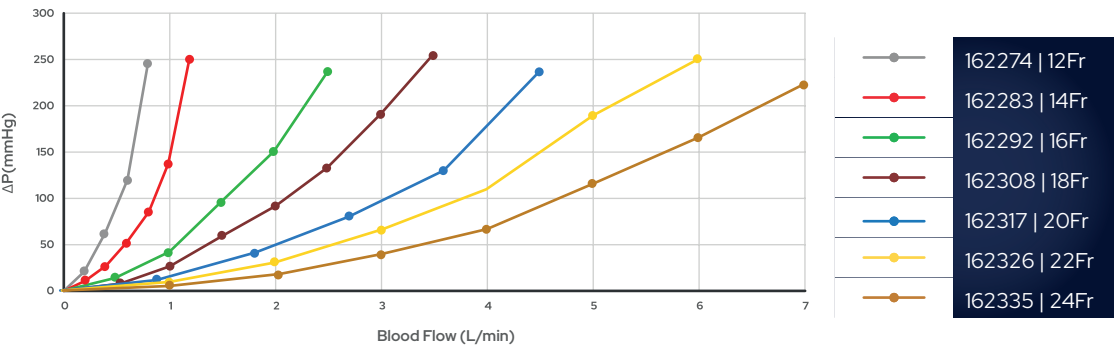


Wired Venous Cannula - Triple-Stage: Features a triple-stage design with a multiperforated conical tip, resistant to twisting, and depth markings.

Single-Stage Straight Tip



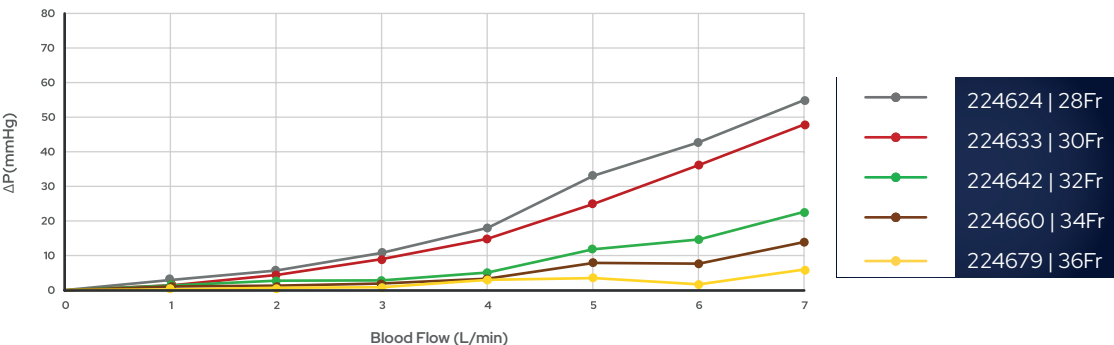
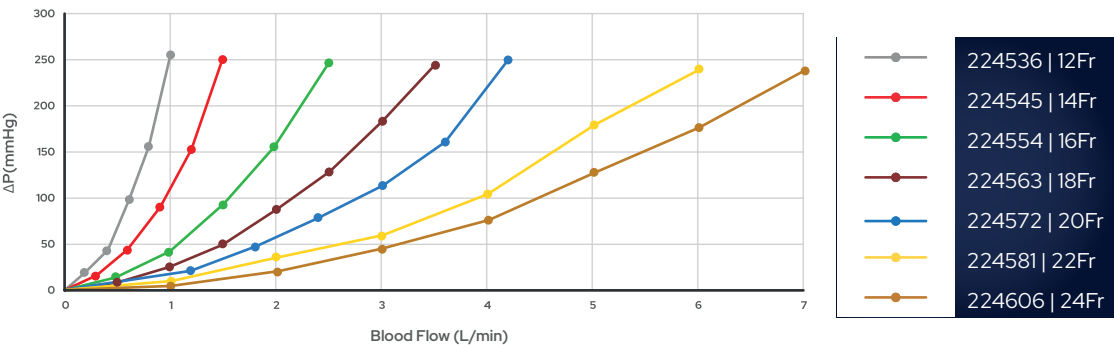
Code	Single-Stage Straight Tip	Cannula Length	Connector Diameter
162274	Wired Venous Cannula - Single-Stage Straight Tip - 12Fr	37 cm	1/4"
162283	Wired Venous Cannula - Single-Stage Straight Tip - 14Fr	37 cm	1/4"
162292	Wired Venous Cannula - Single-Stage Straight Tip - 16Fr	37 cm	1/4"
162308	Wired Venous Cannula - Single-Stage Straight Tip - 18Fr	37 cm	1/4"
162317	Wired Venous Cannula - Single-Stage Straight Tip - 20Fr	37 cm	3/8"
162326	Wired Venous Cannula - Single-Stage Straight Tip - 22Fr	37 cm	3/8"
162335	Wired Venous Cannula - Single-Stage Straight Tip - 24Fr	37 cm	3/8"
618393	Wired Venous Cannula - Single-Stage Straight Tip - 26Fr	37 cm	3/8"
157076	Wired Venous Cannula - Single-Stage Straight Tip - 28Fr	37 cm	3/8"
139959	Wired Venous Cannula - Single-Stage Straight Tip - 30Fr	37 cm	3/8"
139968	Wired Venous Cannula - Single-Stage Straight Tip - 32Fr	37 cm	3/8"
139977	Wired Venous Cannula - Single-Stage Straight Tip - 34Fr	37 cm	3/8"
162344	Wired Venous Cannula - Single-Stage Straight Tip - 36Fr	37 cm	3/8"



Single-Stage Tip 90°



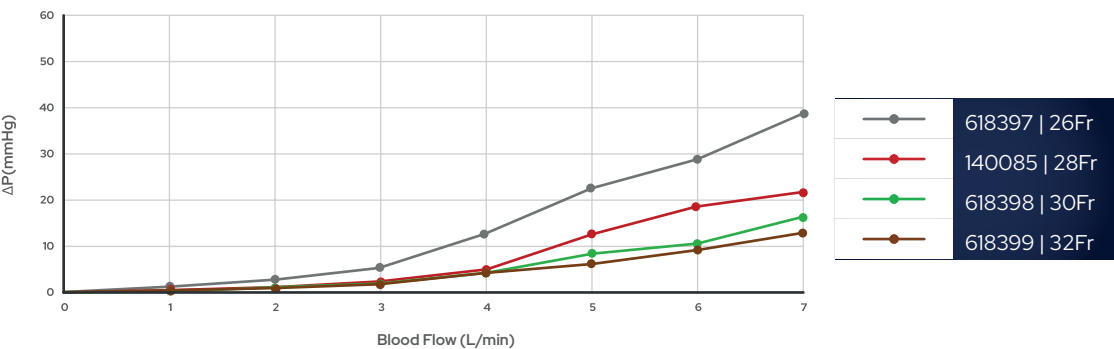
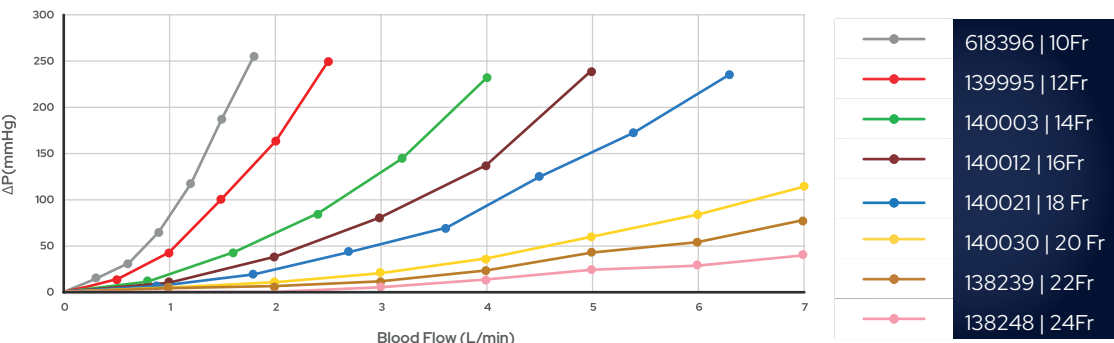
Code	Single-Stage Tip 90°	Cannula Length	Connector Diameter
224536	Wired Venous Cannula – Single-Stage Tip 90° - 12Fr	29 cm	1/4"
224545	Wired Venous Cannula – Single-Stage Tip 90° - 14Fr	29 cm	1/4"
224554	Wired Venous Cannula – Single-Stage Tip 90° - 16Fr	29 cm	1/4"
224563	Wired Venous Cannula – Single-Stage Tip 90° - 18Fr	29 cm	1/4"
224572	Wired Venous Cannula – Single-Stage Tip 90° - 20Fr	29 cm	3/8"
224581	Wired Venous Cannula – Single-Stage Tip 90° - 22Fr	23,5 cm	3/8"
224606	Wired Venous Cannula – Single-Stage Tip 90° - 24Fr	30 cm	3/8"
618400	Wired Venous Cannula – Single-Stage Tip 90° - 26Fr	30 cm	3/8"
224624	Wired Venous Cannula – Single-Stage Tip 90° - 28Fr	30 cm	3/8"
224633	Wired Venous Cannula – Single-Stage Tip 90° - 30Fr	31 cm	3/8"
224642	Wired Venous Cannula – Single-Stage Tip 90° - 32Fr	31 cm	3/8"
224660	Wired Venous Cannula – Single-Stage Tip 90° - 34Fr	31 cm	3/8"
224679	Wired Venous Cannula – Single-Stage Tip 90° - 36Fr	31 cm	3/8"



Single-Stage Curved Tip



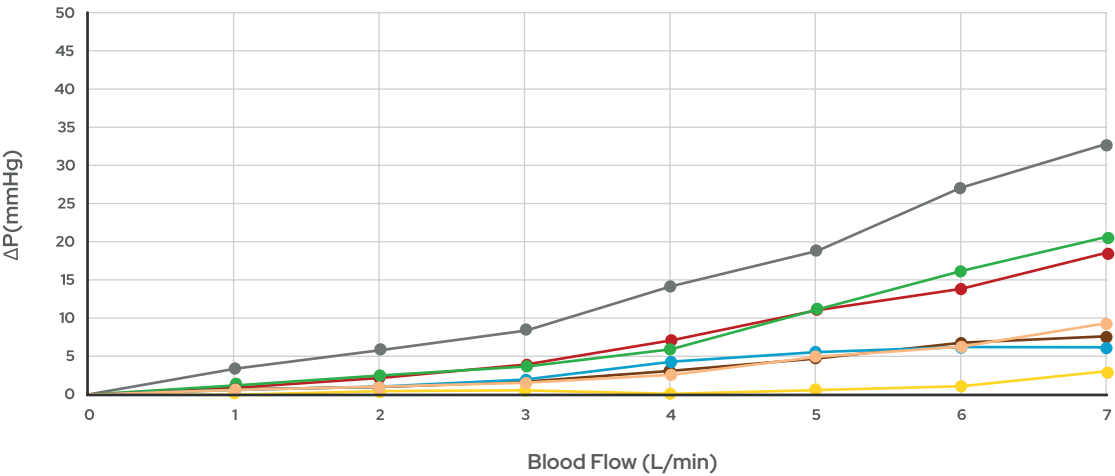
Code	Single-Stage Curved Tip	Cannula Length	Connector Diameter
618396	Wired Venous Cannula – Single-Stage Curved Tip – 10Fr	34 cm	1/4"
139995	Wired Venous Cannula – ASingle-Stage Curved Tip – 12Fr	34 cm	1/4"
140003	Wired Venous Cannula – Single-Stage Curved Tip – 14Fr	34 cm	1/4"
140012	Wired Venous Cannula – Single-Stage Curved Tip – 16Fr	34 cm	1/4"
140021	Wired Venous Cannula – Single-Stage Curved Tip – 18Fr	34 cm	1/4"
140030	Wired Venous Cannula – Single-Stage Curved Tip – 20Fr	34 cm	3/8"
138239	Wired Venous Cannula – Single-Stage Curved Tip – 22Fr	34 cm	3/8"
138248	Wired Venous Cannula – Single-Stage Curved Tip – 24Fr	34 cm	3/8"
618397	Wired Venous Cannula – Single-Stage Curved Tip – 26Fr	34 cm	3/8"
140085	Wired Venous Cannula – Single-Stage Curved Tip – 28Fr	34 cm	3/8"
618398	Wired Venous Cannula – Single-Stage Curved Tip – 30Fr	34 cm	3/8"
618399	Wired Venous Cannula – Single-Stage Curved Tip – 32Fr	34 cm	3/8"



Double-Stage Oval



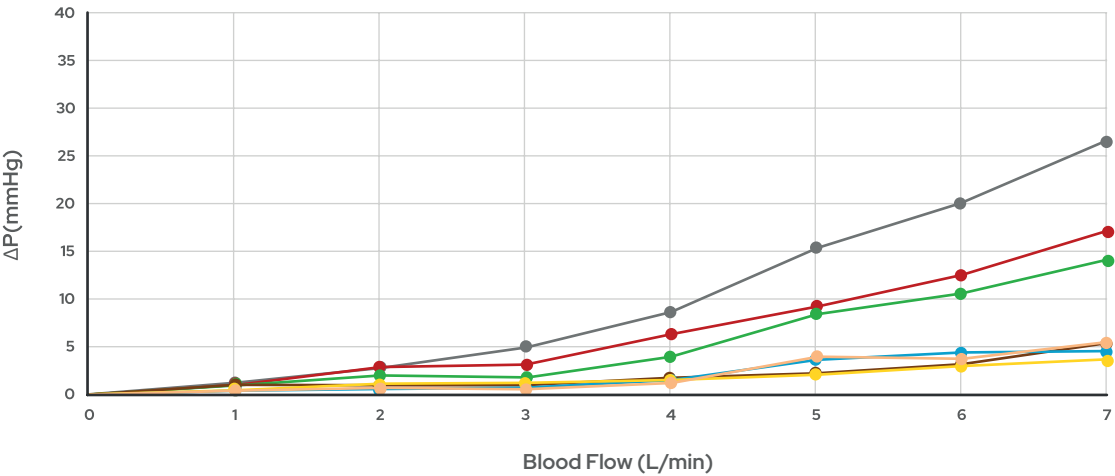
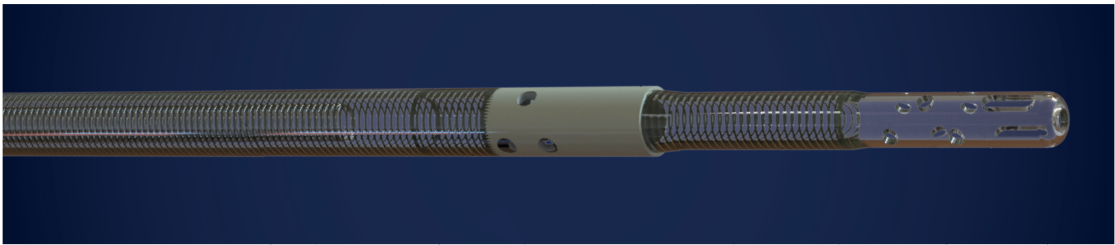
Code	Double-Stage Oval	Cannula Length	Connector Diameter
618403	Wired Venous Cannula – Double-Stage Oval – 28/36Fr	38 cm	3/8"
618404	Wired Venous Cannula – Double-Stage Oval – 30/38Fr	38 cm	1/2"
242565	Wired Venous Cannula – Double-Stage Oval – 32/40Fr	38 cm	1/2"
618405	Wired Venous Cannula – Double-Stage Oval – 34/46Fr	38 cm	1/2"
235486	Wired Venous Cannula – Double-Stage Oval – 36/46Fr	38 cm	1/2"
270821	Wired Venous Cannula – Double-Stage Oval – 36/51Fr	38 cm	1/2"
618406	Wired Venous Cannula – Double-Stage Oval – 38/46Fr	38 cm	1/2"



Double-Stage



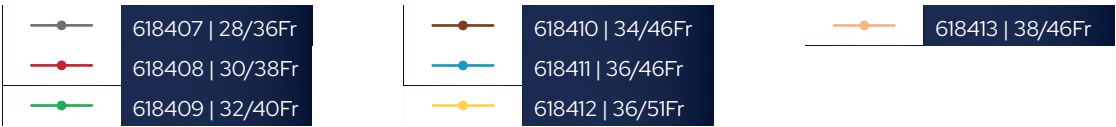
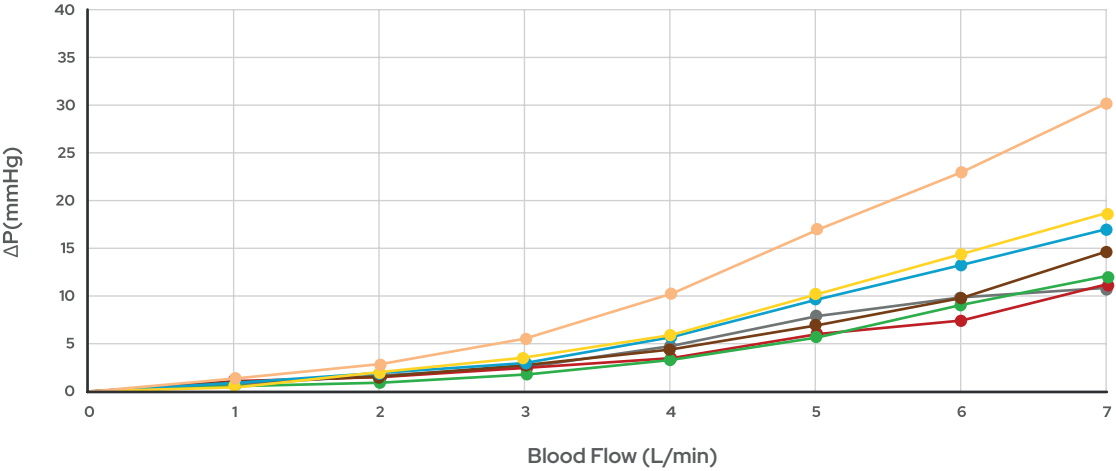
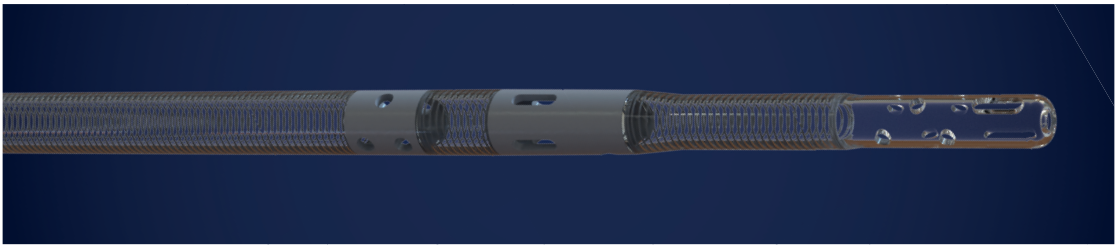
Code	Double-Stage	Cannula Length	Connector Diameter
242617	Wired Venous Cannula – Double-Stage – 28/36Fr	38 cm	3/8"
618391	Wired Venous Cannula – Double-Stage – 30/38Fr	38 cm	1/2"
235459	Wired Venous Cannula – Double-Stage – 32/40Fr	38 cm	1/2"
235440	Wired Venous Cannula – Double-Stage – 34/46Fr	38 cm	1/2"
235468	Wired Venous Cannula – Double-Stage – 36/46Fr	38 cm	1/2"
270830	Wired Venous Cannula – Double-Stage – 36/51Fr	38 cm	1/2"
618392	Wired Venous Cannula – Double-Stage – 38/46Fr	38 cm	1/2"



Triple-Stage



Code	Triple-Stage	Cannula Length	Connector Diameter
618407	Wired Venous Cannula – Triple-Stage – 28/36Fr	38 cm	3/8"
618408	Wired Venous Cannula – Triple-Stage – 30/38Fr	38 cm	1/2"
618409	Wired Venous Cannula – Triple-Stage – 32/40Fr	40 cm	1/2"
618410	Wired Venous Cannula – Triple-Stage – 34/46Fr	40 cm	1/2"
618411	Wired Venous Cannula – Triple-Stage – 36/46Fr	40 cm	1/2"
618412	Wired Venous Cannula – Triple-Stage – 36/51Fr	40 cm	1/2"
618413	Wired Venous Cannula – Triple-Stage – 38/46Fr	40 cm	1/2"



VCF Agile with BRCoating®

Anvisa no. 10159030117

The Venous Cannula Femoral Agile with BRCoating® is manufactured from polyvinyl chloride (PVC), 304 stainless steel, polycarbonate (PC), and acrylonitrile butadiene styrene (ABS). It features 711-8005/USP ink markings indicating the cannula size in French (Fr), as well as depth markings distributed along the entire cannula length at 100 mm intervals, with additional visual highlights every three stages. The device is coated with BRCoating®, consisting of Synthetic Recombinant Human Albumin combined with polyethylene glycol 300 (PEG 300), designed to enhance the hemocompatibility of the device surface.

The cannula features a wire-reinforced body that provides resistance to compression while maintaining lumen patency. It incorporates multiple drainage stages along its body, with six longitudinally distributed stages, each containing four equally spaced perforations around the circumference. The stages are spaced 2.5 cm apart, promoting efficient venous drainage. The system includes an introducer for percutaneous insertion, compatible with a 0.038" guidewire, as well as a connector for attachment to the extracorporeal circulation circuit and a protective cap that preserves product integrity until use.

Depth markings are printed with medical-grade ink, ensuring visibility and accuracy during positioning.



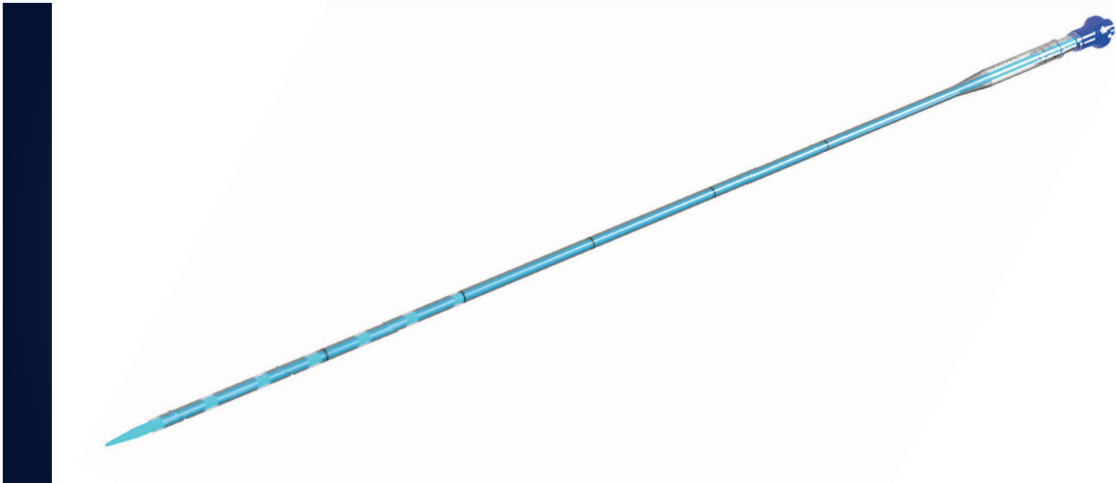
Indication

The Venous Cannula Femoral Agile BRCoating® is indicated for cannulation of the common femoral vein in extracorporeal circulation circuits during cardiac surgery and in ECMO (Extracorporeal Membrane Oxygenation) systems intended for ECLS (Extracorporeal Life Support) in patients with cardiac and/or respiratory failure. The cannula connects the venous line of the extracorporeal circuit to the patient's circulation, draining venous blood into the circuit. Venous drainage may be achieved by gravity or assisted by negative pressure within the circuit.

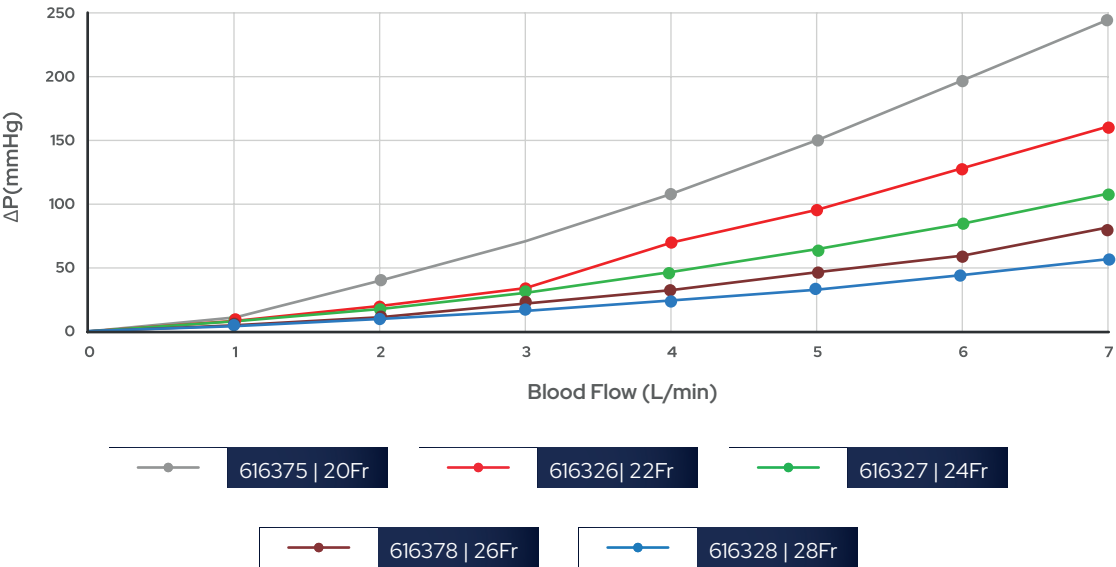
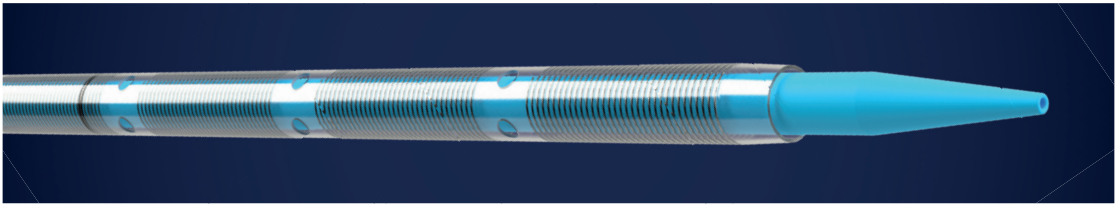
The cannula may be used for drainage of the common femoral vein, jugular vein, right atrium, inferior vena cava, and superior vena cava. There are no restrictions regarding the use of other venous vessels as cannulation sites. The duration of patient contact should be compatible with the duration of the extracorporeal procedure. Braile does not specify a maximum duration of use for the cannula or the ideal replacement interval.

The decision to replace the device rests with the attending medical team.

Venous Cannula Femoral Agile with BRCoating®



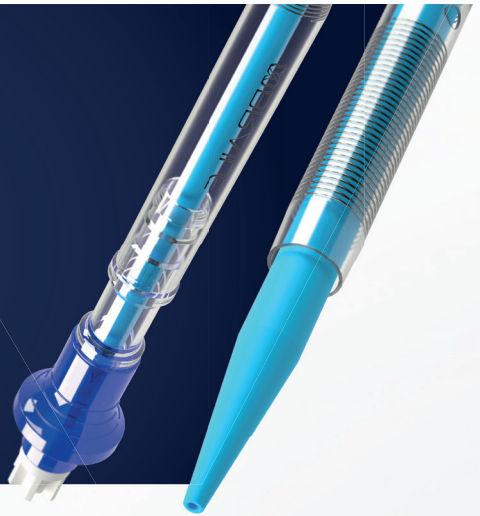
Code	Description	French	Maximum Recommended Flow For $\Delta P=100\text{mmHg}$	Cannula Length	Connector Diameter
616375	Venous Cannula Femoral Agile ME 20Fr BRCoating®	20 Fr	3,5 L/min	71 cm	3/8"
616326	Venous Cannula Femoral Agile ME 22Fr BRCoating®	22 Fr	5,0 L/min	71 cm	3/8"
616327	Venous Cannula Femoral Agile ME 24Fr BRCoating®	24 Fr	6,5 L/min	71 cm	3/8"
616378	Venous Cannula Femoral Agile ME 26Fr BRCoating®	26 Fr	>7,0 L/min	71 cm	3/8"
616328	Venous Cannula Femoral Agile ME 28Fr BRCoating®	28 Fr	>7,0 L/min	71 cm	3/8"





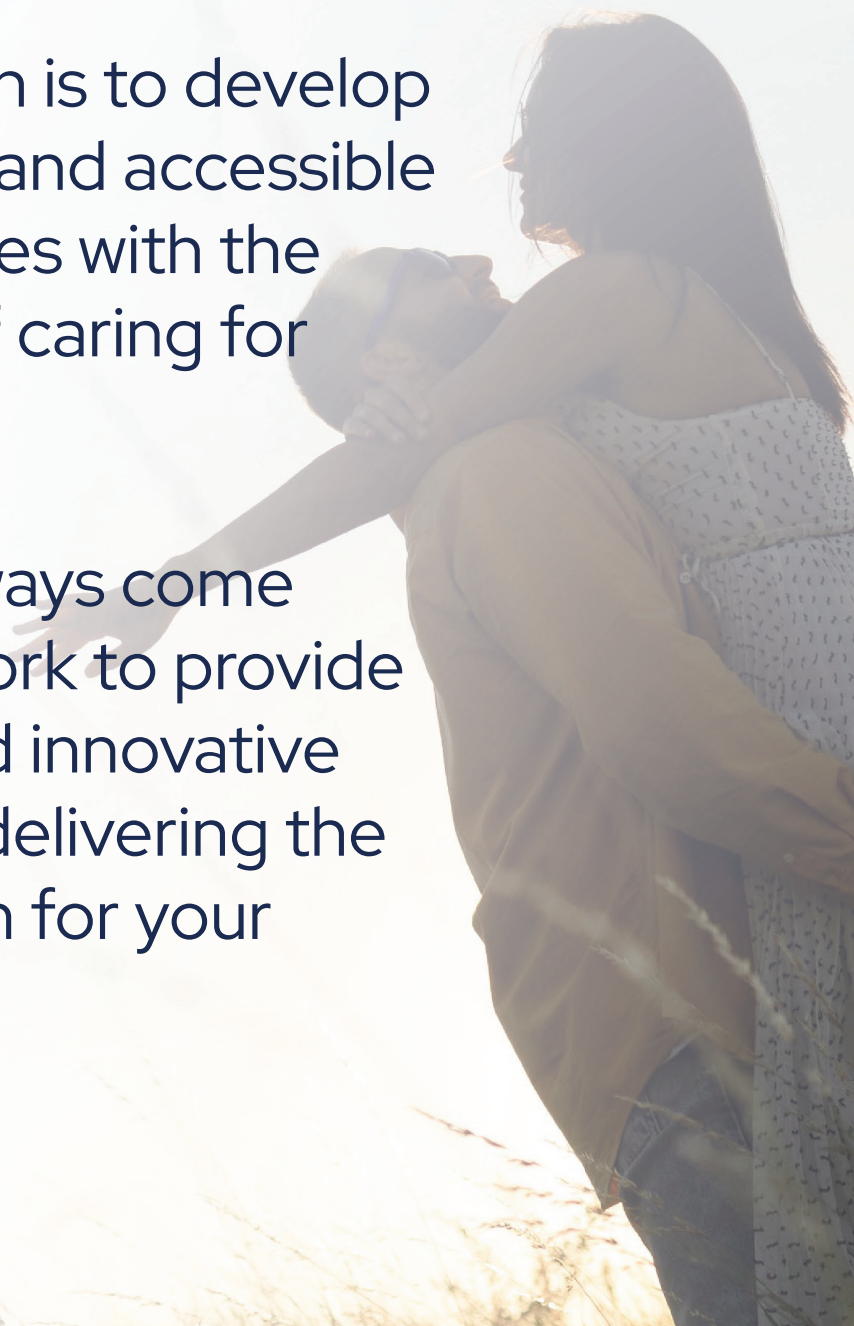
Product coated with biocompatible BRCoating®

A solution composed of Synthetic Recombinant Human Albumin that coats the internal surface of the product, reducing its interaction with blood.



Our mission is to develop innovative and accessible technologies with the purpose of caring for people.

Life will always come first. We work to provide reliable and innovative solutions, delivering the best option for your patients.



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Av. Pres. Juscelino K. de Oliveira, 1505 | Jardim Tarraf I

CEP 15091-450 | São José do Rio Preto - SP | Brasil

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Technical responsible: Vlademir D. A. Ramirez - CRF-SP 09010