AngioVac Cannula Technology, where Power meets Innovation.

AngioVac F22

The AngioVac F22 cannula system consists of a 22 French cannula, obturator and 25 French sheath.

FLEXIBILITY & SIZE

- Available with either a **20°** or a **180°** angled tip with additional features including a radiopaque nitinol tip for added visualization and a funnel that enhances venous drainage flow, preventing clogging of the cannula with commonly encountered thromboemboli material such as soft thrombi or emboli
- Proximal locking touhy to maintain desired cannula angle
- Cannula shaft supported by a flat stainless steel coiled wire within the catheter body to support kink resistance and column strength
- Blood that is aspirated with the AngioVac Cannula is simultaneously reinfused back into the patient's body with the AngioVac Circuit to minimize blood loss

AngioVac F18

The AngioVac System has expanded its capabilities with the new F18^{85} cannula technology. Now smaller and longer, this 18 French cannula comes with a 3 piece on-circuit system comprised of cannula, sheath, and obturator.

NAVIGATION & CONTROL

- The 18 French AngioVac cannula is smaller and longer and now utilizes a triple durometer braided shaft with additional proximal stiffness, allowing for pushability and control from proximal hub to distal funnel tip and a more flexible, atraumatic distal end
- The cannula's added torquability allows for enhanced trackability, navigation and control throughout the anatomy
- The innovative 22 French AngioVac outer-sheath is braided and offers a tapered radiopaque end to aid in the transition to the obturator or cannula as well as allows for visualization under fluoroscopy
- The outer-sheath incorporates a hemostasis valve on the proximal end that prevents blood loss during device exchange
- The quarter turn valve on the proximal hub allows for the cannula angle to be locked in place and for hemostasis to be maintained

ANGIOVAC SYSTEM ORDERING INFORMATION:

AngioVac F18^{85} System with Circuit	H965252010
AngioVac F18^{85} Cannula ONLY	H965252000
AngioVac F22^{20} System with Circuit	H965251950
AngioVac F22^{180} System with Circuit	H965251960
AngioVac F22^{20} Cannula ONLY	H965251930
AngioVac F22^{180} Cannula ONLY	H965251940
AngioVac Circuit Pack	H965251880

Risk Information:

Indications for Use: The AngioVac F18^{85} is indicated as a venous drainage cannula for the non-surgical removal of thrombi or emboli during extracorporeal bypass for up to 6 hours.

The AngioVac F22^{20} and F22^{180} is indicated for use as a venous drainage cannula and for removal of fresh, soft thrombi or emboli during extracorporeal bypass for up to 6 hours.

The AngioVac Circuit is indicated for use in procedures requiring extracorporeal circulatory support for periods of up to six hours.

The following contraindications are applicable:
AngioVac F18^{85}:
- The device is contraindicated in the removal of chronic firmly adherent intravascular material (e.g., atherosclerotic plaque, chronic pulmonary embolism).
- The device is contraindicated for use in the right heart or pulmonary arteries during active cardiopulmonary

AngioVac F22^{20} and F22^{180}:
- Do not use if the patient has severe arterial or venous vascular disease.
- The device is contraindicated in the removal of chronic firmly adherent intravascular material (e.g., atherosclerotic plaque, chronic pulmonary embolism).
- The device is contraindicated for use in the right heart or pulmonary arteries during active cardiopulmonary resuscitation.

AngioVac Circuit
- Refer to the AngioVac Cannula Directions for Use (DFU) for procedure-specific contraindications.

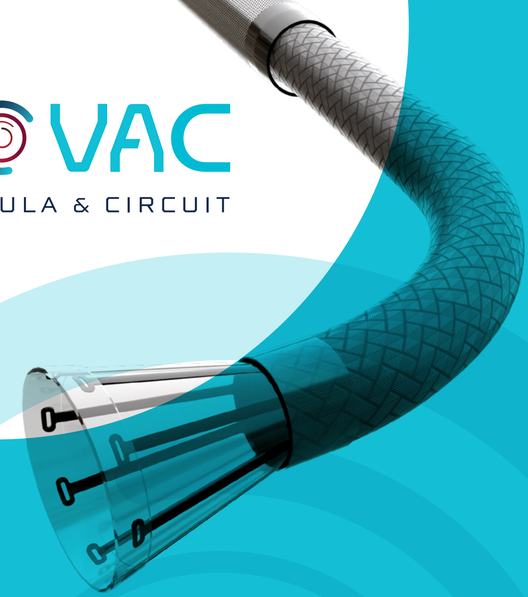
Refer to Directions for Use and/or User Manual provided with the product for complete Instructions, Warnings, Precautions, Possible Adverse Effects and Contraindications prior to use of the product.

CAUTION: Federal law (USA) restricts this device to sale by or on the order of a physician.

The AngioVac F18^{85} has been cleared by the FDA for sale within the US. This device is not available for sale or distributed in any other countries.

angiodynamics

ANGIOVAC
CANNULA & CIRCUIT



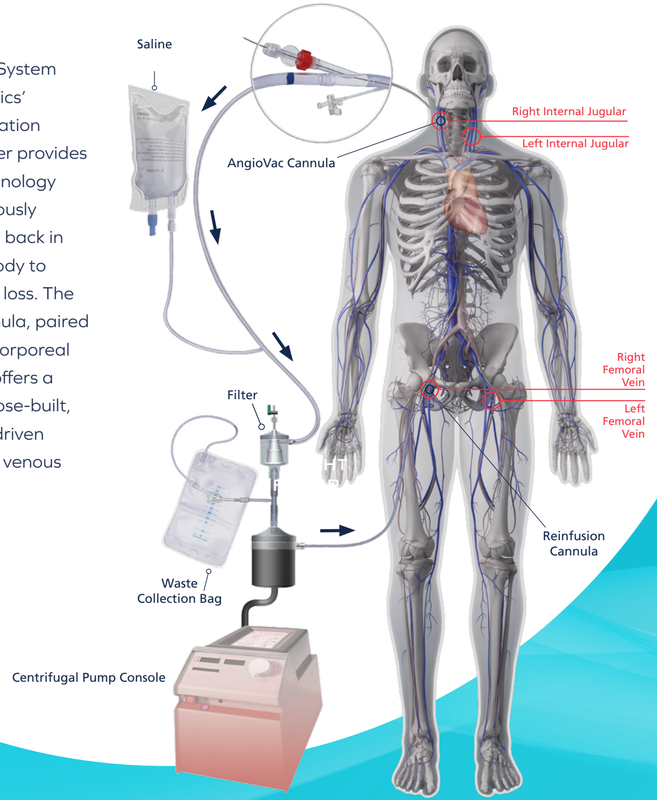
EMBRACE THE
POWER

PIONEERS OF POWER:

The AngioVac System

The FIRST thrombus aspiration device to simultaneously reinfuse filtered blood back into the patient.

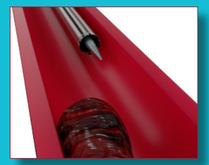
The AngioVac System is AngioDynamics' on-circuit aspiration option. Its power provides innovative technology that simultaneously reinfuses blood back in the patient's body to minimize blood loss. The AngioVac cannula, paired with the extracorporeal bypass circuit offers a cohesive, purpose-built, and physician driven solution for the venous system.



AngioVac Cannula Configurations

18F	**Cannula**	22F
85°	**Angle**	20° 180°
22F	**Access**	26F
105cm	**Length**	77cm
Hemostatic Valve Proximal to Distal Control Braided Shaft Triple Durometer Shaft	**Key F&Bs**	Aspiration Lumen Flexibility Coiled Shaft

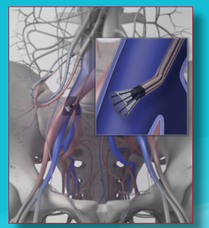
ACCESS and ASPIRATION:
How the AngioVac System Works



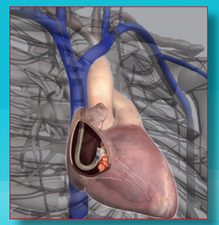
Cannula tip in sheath

Cannula engaging thrombus

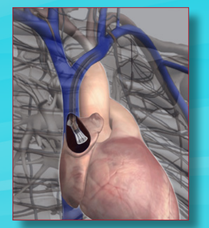
Cannula aspirating thrombus



Iliofemoral veins



Right atrium



Superior vena cava

Inferior vena cava