UNI-FUSE
INFUSION CATHETER

DELIVERING THE BEST UNDER PRESSURE



angiodynamics

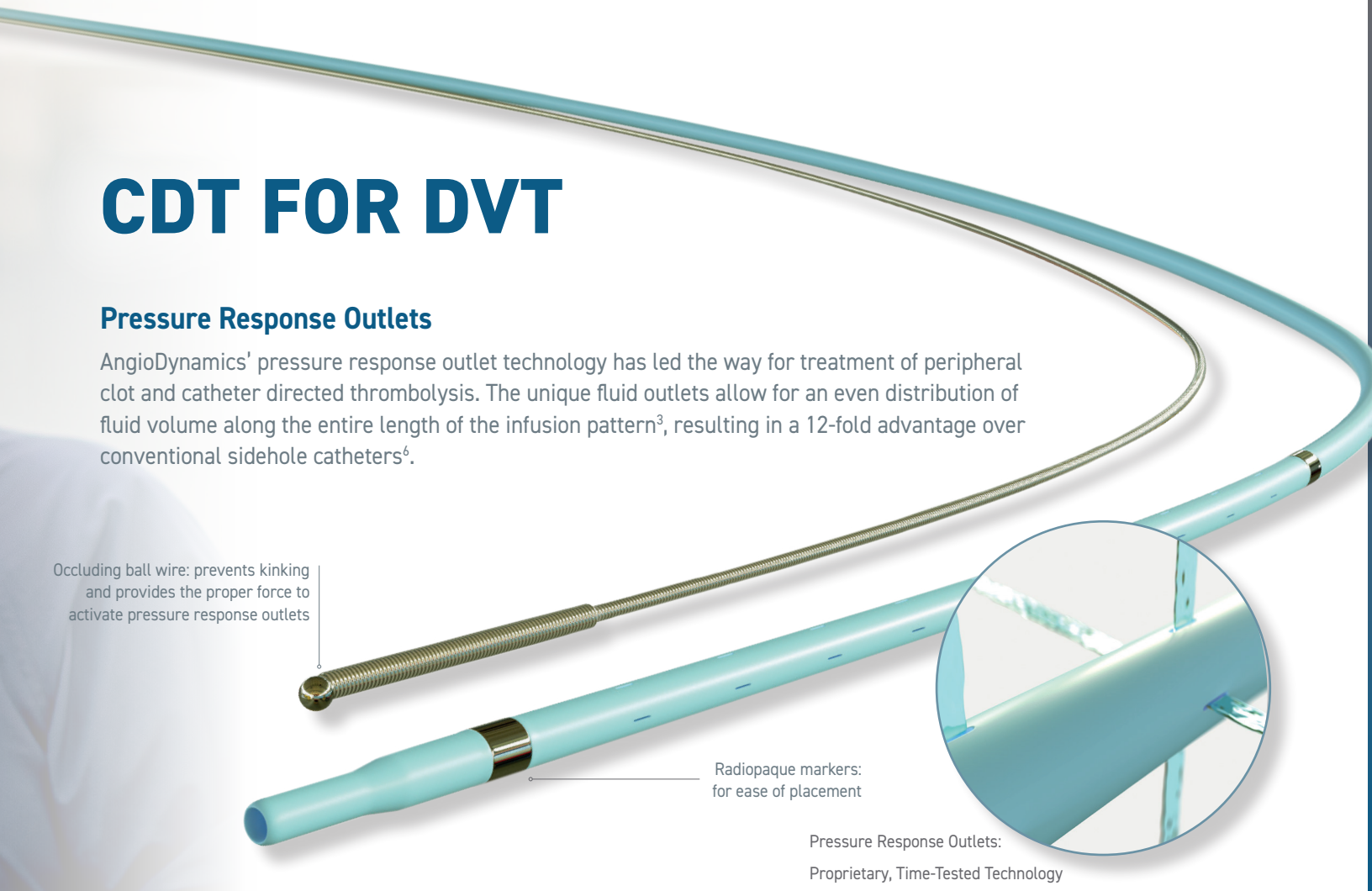


AngioDynamics has led the way as the market leader for CDT catheters with patented slit technology to infuse a consistent, even distribution of lytic agent to an area of clot. The Uni-Fuse catheter uses a proprietary, time-tested technology to provide faster and more effective treatment for clots, and its sturdier construction makes it more versatile.

CDT FOR DVT

Pressure Response Outlets

AngioDynamics' pressure response outlet technology has led the way for treatment of peripheral clot and catheter directed thrombolysis. The unique fluid outlets allow for an even distribution of fluid volume along the entire length of the infusion pattern[3], resulting in a 12-fold advantage over conventional sidehole catheters[6].



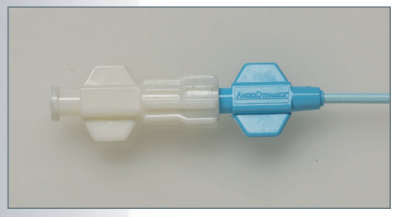
Even Distribution Results in Faster Treatment of Clot

The Uni-Fuse catheter exposes as much of the drug as possible to as much of the surface area of the clot as possible to increase the rate of lysis, hasten enzyme action, and minimize dilution[2,4]. Sidehole catheters result in the thombolytic agent diverting away from the thrombus into collateral vessels proximal and/or distal to the thrombus, depending on catheter placement.

Sturdier Construction Allows for More Versatility

Less catheter material is removed when making slits versus making holes, allowing for a stronger catheter with more pushability. This is important for tortuous anatomy or positioning the Uni-Fuse catheter in tight clot accumulation.

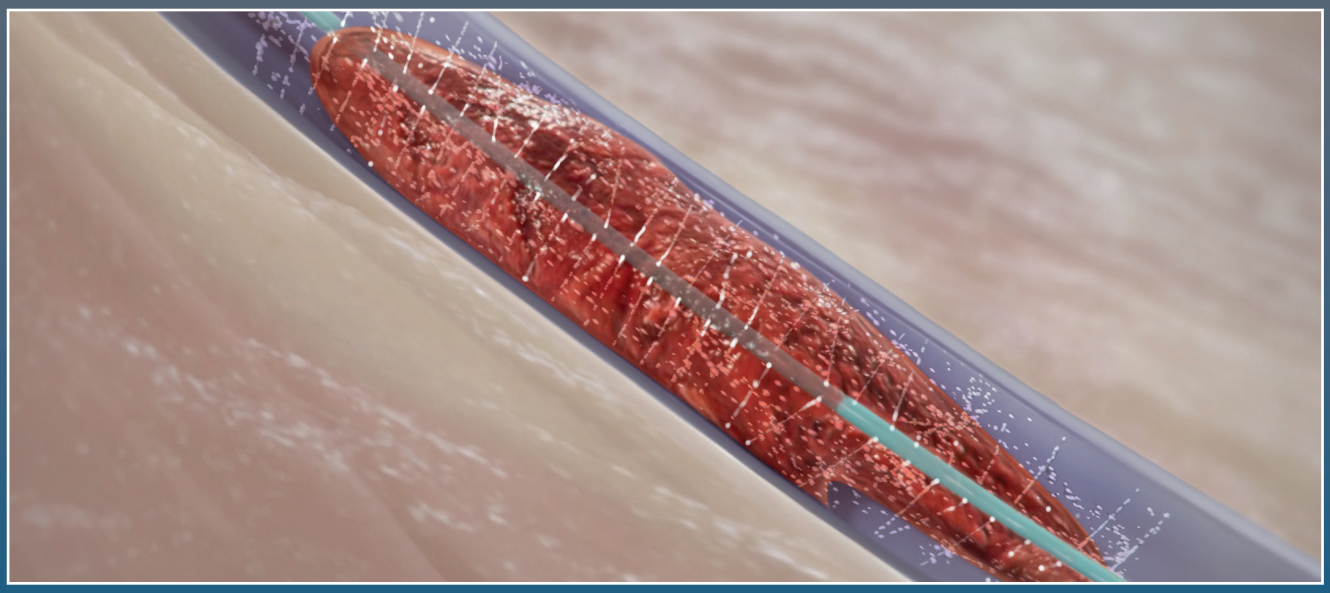
Flow-Thru Hub with self-adjusting occluding wire



- Supports catheter over bifurcation
- 4F available in 45 cm, 90 cm and 135 cm lengths with infusion slit patterns of 2, 5, 10, 15, 20, 30, 40, and 50cm.
- 5F available in 45 cm, 90 cm and 135 cm lengths with infusion slit patterns of 2, 5, 10, 15, 20, 30, 40, and 50 cm.
- Compatible with a 0.035" guidewire: more pushability and mechanical advantages

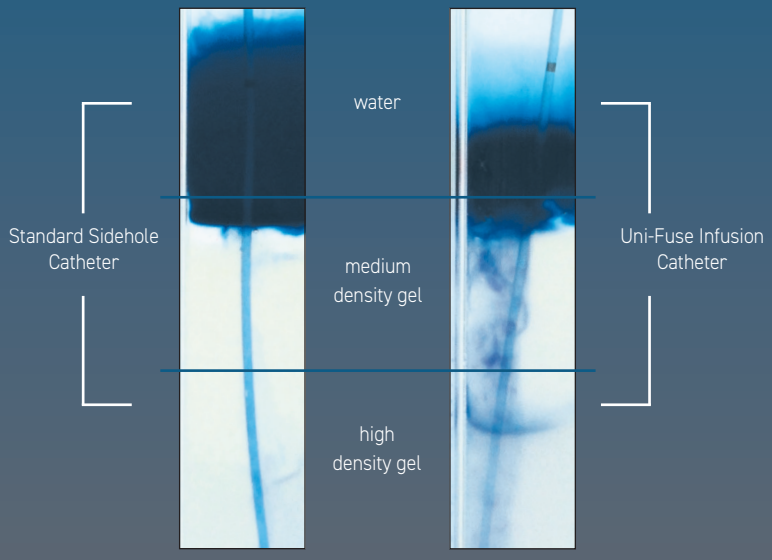
RETHINK YOUR STANDARD OF CARE

The Uni-Fuse catheter is a cost effective and proven method of managing patients presenting with thrombus.



CDT HAS THE FOLLOWING ADVANTAGES OVER SYSTEMIC INFUSION:

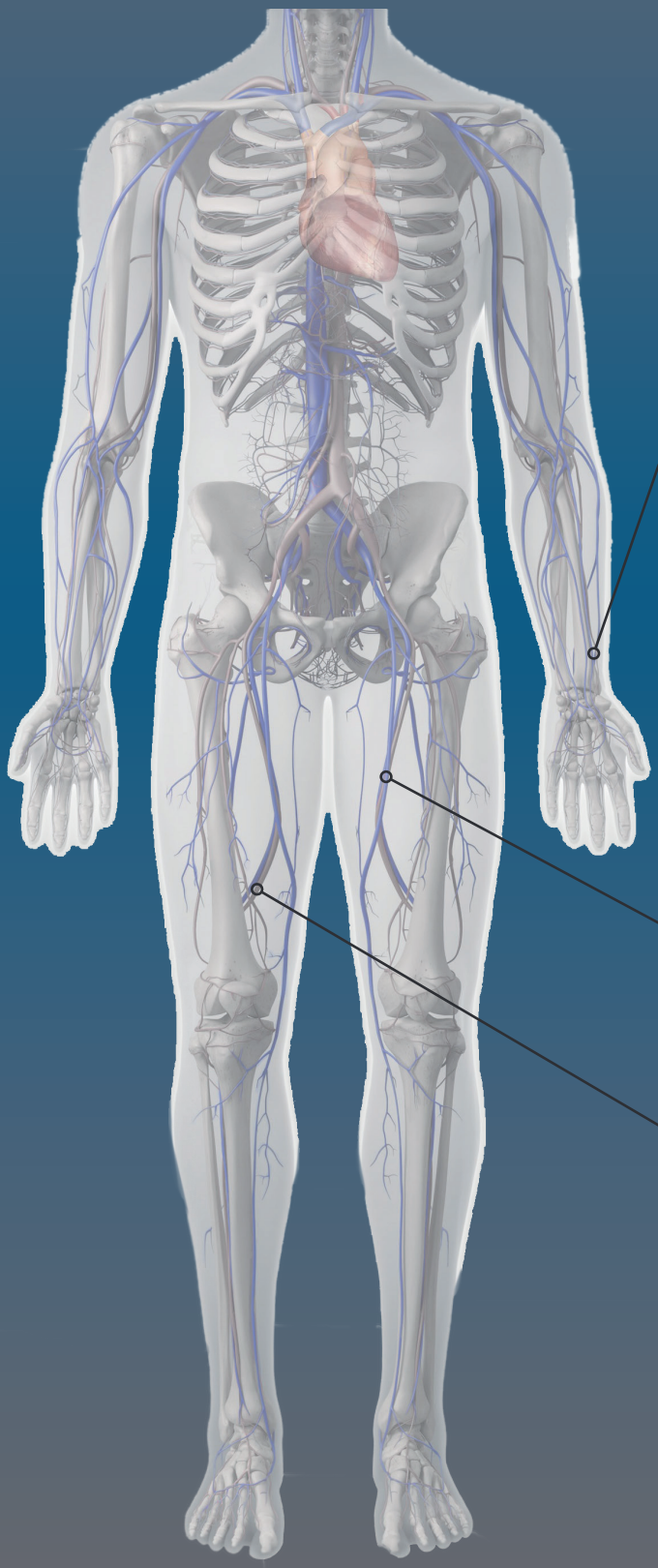
- Improved efficiency of drug delivery[5]
- Decreased total quantity of the drug[5]
- Safe with less than a .5% chance of intracranial hemorrhage[4]
- Decreased incidence of persistent phlebitic symptoms[1]
- Improved quality of life[1]
- Possibly a decreased incidence of recurrent thrombotic events[1]



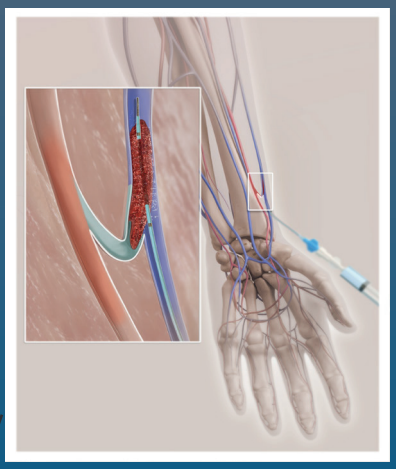
The Uni-Fuse catheter with Pressure Response Outlets and the occluding ball wire allow for even pressure distribution throughout the catheter resulting in a more even distribution of lytic compared to the standard sidehole catheter design.

UNI-FUSE

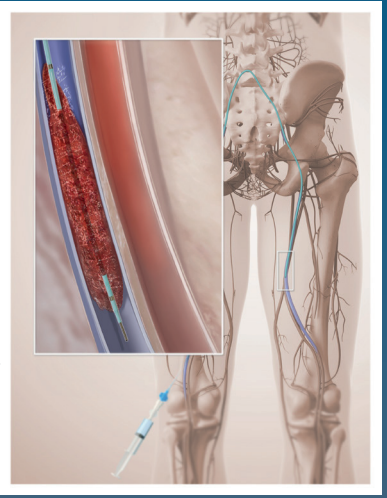
APPLICATIONS



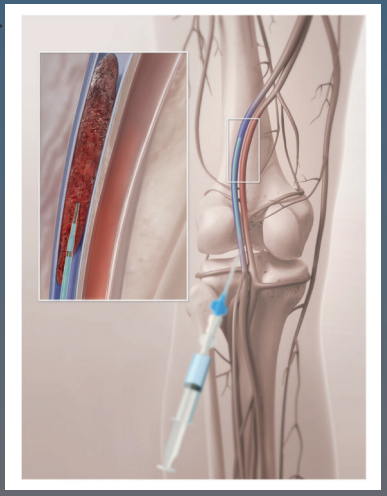
RADIAL



LEFT POPLITEAL



RIGHT POPLITEAL



UNI-FUSE INFUSION CATHETER (Quantity 1 per box)

Description	UPN
4F x 45 cm x 2 cm Infusion Pattern	H787124018235
4F x 45 cm x 5 cm Infusion Pattern	H787124018245
4F x 45 cm x 10 cm Infusion Pattern	H787124018255
4F x 45 cm x 15 cm Infusion Pattern	H787124018265
4F x 45 cm x 20 cm Infusion Pattern	H787124018275
4F x 90 cm x 2 cm Infusion Pattern	H787124018285
4F x 90 cm x 5 cm Infusion Pattern	H787124018175
4F x 90 cm x 10 cm Infusion Pattern	H787124018185
4F x 90 cm x 15 cm Infusion Pattern	H787124018295
4F x 90 cm x 20 cm Infusion Pattern	H787124018195
4F x 90 cm x 30 cm Infusion Pattern	H787124018305
4F x 90 cm x 40 cm Infusion Pattern	H787124018315
4F x 90 cm x 50 cm Infusion Pattern	H787124018325
4F x 135 cm x 2 cm Infusion Pattern	H787124018335
4F x 135 cm x 5 cm Infusion Pattern	H787124018205
4F x 135 cm x 10 cm Infusion Pattern	H787124018215
4F x 135 cm x 15 cm Infusion Pattern	H787124018345
4F x 135 cm x 20 cm Infusion Pattern	H787124018225
4F x 135 cm x 30 cm Infusion Pattern	H787124018355
4F x 135 cm x 40 cm Infusion Pattern	H787124018365
4F x 135 cm x 50 cm Infusion Pattern	H787124018375

Description	UPN
5F x 45 cm x 2 cm Infusion Pattern	H787124018385
5F x 45 cm x 5 cm Infusion Pattern	H787124018015
5F x 45 cm x 10 cm Infusion Pattern	H787124018025
5F x 45 cm x 15 cm Infusion Pattern	H787124018035
5F x 45 cm x 20 cm Infusion Pattern	H787124018045
5F x 90 cm x 2 cm Infusion Pattern	H787124018415
5F x 90 cm x 5 cm Infusion Pattern	H787124018055
5F x 90 cm x 10 cm Infusion Pattern	H787124018065
5F x 90 cm x 15 cm Infusion Pattern	H787124018425
5F x 90 cm x 20 cm Infusion Pattern	H787124018075
5F x 90 cm x 30 cm Infusion Pattern	H787124018085
5F x 90 cm x 40 cm Infusion Pattern	H787124018095
5F x 90 cm x 50 cm Infusion Pattern	H787124018105
5F x 135 cm x 2 cm Infusion Pattern	H787124018435
5F x 135 cm x 5 cm Infusion Pattern	H787124018115
5F x 135 cm x 10 cm Infusion Pattern	H787124018125
5F x 135 cm x 15 cm Infusion Pattern	H787124018445
5F x 135 cm x 20 cm Infusion Pattern	H787124018135
5F x 135 cm x 30 cm Infusion Pattern	H787124018145
5F x 135 cm x 40 cm Infusion Pattern	H787124018155
5F x 135 cm x 50 cm Infusion Pattern	H787124018165

Learn more at uni-fuse.com

1. Baldwin Z, et al. Catheter-Directed Thrombolysis for Deep Venous Thrombosis. Vascular and Endovascular Surgery 2004; 28,1:1-9.
2. Bookstein JJ, Valki K. Pulse-Spray Pharmacomechanical Thrombolysis – How I Do It. Cardiovascular Interventional Radiology 1992; 15:228-233.
3. Cho KJ, Recinella DK. Pattern of Dispersion from a Pulse-Spray Catheter for Delivery of Thrombolytic Agents: Design, Theory and Results. Academic Radiology 1997; 4:210-216.
4. Kandarpa K, Drinker PA, Singer SJ, Caramore D. Forceful Pulsatile Local Infusion of Enzyme Accelerates Thrombolysis: In Vivo Evaluation of a New Delivery System. Radiology 1988; 168:739-7.
5. Mewissen M, et al. Catheter-Directed Thrombolysis for Lower Extremity Deep Venous Thrombosis: Report of a National Multicenter Registry. Radiology 1999; April:39-49.
6. Razavi M, Charles Semba. The Changing Role of Thrombolytic Therapy in the Management of Acute Deep Vein Thrombosis. Therapy 2005; 2,1:57-59.

IMPORTANT RISK INFORMATION

INTENDED USE: AngioDynamics Uni-Fuse Infusion System is intended for the administration of thrombolytic agents into the peripheral vasculature.

CAUTION: Federal (USA) law restricts the sale of these devices by or on the order of a physician.

CONTRAINDICATIONS: The Uni-Fuse Infusion System is contraindicated for use in the coronary vasculature and is not for the infusion of blood or blood products.
WARNINGS AND PRECAUTIONS: The Uni-Fuse Infusion System is sterile and intended for single patient use and use only by fully trained physicians in angiography and percutaneous interventional procedures. Reuse of single-use devices creates a potential risk of patient or user infections. Contamination of the device may lead to injury, illness or death of the patient. Do not inject contrast medium with a pressure injector if the occluding ball wire is in place. Use an introducer sheath if the puncture is through a synthetic graft. Failure to use an introducer sheath may result in damage to the catheter.

POTENTIAL COMPLICATIONS: Adverse reactions may include, but are not limited to: vessel perforation, dissection, hematoma, stroke, hemorrhage, contrast extravasation, embolism/thrombus, vaso spasm, drug reaction, neurological deficits, and pain and tenderness.

Indications, contraindications, warnings and instructions for use can be found in the instructions for use supplied with each device. Observe all instructions prior to use. Failure to do so may result in patient complications.

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