**Angioplasty**  
Using a temporarily inflated balloon on a catheter to widen a narrowed or blocked blood vessel (in coronary arteries, a procedure is referred to as percutaneous transluminal coronary angioplasty, or PTCA)

**Blood Clot**  
A semisolid gelatinous mass of coagulated blood that consists of red blood cells, white blood cells, and platelets entrapped in a fibrin network

**Catheter**  
A medical device consisting of a thin, flexible tube, usually applied inside a blood vessel

**Clinical Research / Clinical Trial**  
Medical research to show that a device, drug, or other treatment is safe and effective in humans

**Coronary**  
Relating to the vessels of the heart

**CE Mark**  
This label gives access to markets in the European Economic Area (EEA) and indicates compliance with the applicable EU Medical Device Directives

**Deep Venous Thrombosis (DVT)**  
Deep vein thrombosis, or DVT, is a blood clot that forms in a vein deep in the body

**Distal**  
Further away from the heart, or from the point of origin (the opposite of distal is “proximal”)

**Embolus**  
A foreign material in the blood (for example, air or thrombus) that has migrated from its original site in the body

**510k**  
A marketing application to the FDA that shows a device is “substantially equivalent” to another legally marketed medical device in the U.S.

**Ischemic**  
Lack of oxygen (Ischemia)

**Mechanical Thrombectomy**  
A treatment that uses an endovascular device to fragment, disperse and/or evacuate blood clots in a blood vessel

**Occlusion**  
A blockage

**Percutaneous**  
Passage through the skin

**Peripheral Arterial Occlusion**  
A severe obstruction of the arteries which seriously decreases blood flow to the extremities (hands, feet and legs) and has progressed to the point of severe pain and even skin ulcers or sores

**Post Thrombotic Syndrome**  
A long term complication of deep vein thrombosis (DVT) which is associated with leg swelling, pain, skin reddening among other symptoms

**Pulmonary**  
Relating to the lungs

**Pulmonary Artery**  
An artery that carries venous blood from the right ventricle of the heart to the lungs

**Pulmonary Embolism**  
A blood clot which has migrated to the lungs. The source is often from a large blood clot in the legs (see DVT)

**Restenosis**  
Significant recurrence of narrowing after treatment

**Stroke**  
A vascular accident in the brain caused either by: a blocked artery (ischemic stroke) or a ruptured artery (hemorrhagic stroke)

**Thrombectomy**  
Medical procedure for mechanically or surgically removing a blood clot

**Thrombolysis**  
Bio-chemical dissolution of a thrombus using thrombolytic drugs which are designed to mimic the body’s natural chemistry

**Thrombus**  
A blood clot

**Venous**  
Pertaining to veins

**Ultrasound**  
Sound energy with a frequency greater than 20,000 cycles per second (above the range of human hearing). Specific frequencies and pulse patterns are known to have a beneficial effect in conditioning tissue, including blood clots, to more rapidly absorb fluid including clot dissolving drugs.

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FDA-CLEARED INDICATIONS: The EkoSonic® Endovascular System is indicated for the ultrasound-facilitated, controlled, and selective infusion of physician-specified fluids, including thrombolitics, into the vasculature for the treatment of pulmonary embolism; the controlled and selective infusion of physician-specified fluids, including thrombolitics, into the peripheral vasculature; and the infusion of solutions into the pulmonary arteries. Instructions for use, including warnings, precautions, potential complications, and contraindications can be found at www.ekoscorp.com. Caution: Federal (USA) law restricts these devices to sale by or on the order of a physician.

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