EKOS™ Bibliography
(All Peer Reviewed unless otherwise noted)

Clinical Applications

**Pulmonary Embolism**


Baris VO, Ozcinar E, Ozcan OU, Sirlak M. Ultrasound-assisted, catheter-directed thrombolysis of acute pulmonary embolism via the subclavian vein: an alternative access path. Turk Kardiyol Dern Ars 2016; 44(7): 590-592.  


**Venous & Arterial Occlusions**


http://www.vasculardiseasemanagement.com/content/endovascular-intervention-lower-extremity-deep-venous-thrombosis

http://www.radiologynursing.org/article/S1546-0843(07)00218-0/pdf

[Translated article: Ultrasonic Catheter Directed Thrombolysis Experience in the Treatment of Iliofemoral Deep Venous Thrombosis: Case Report]


http://www.ncbi.nlm.nih.gov/pubmed/23271502


http://circ.ahajournals.org/content/126/6/768.long


**Graft thrombosis**


http://www.radiographyonline.com/article/S1078-8174(10)00112-4/pdf

**Safety of EKOS™ Technology**

**EKOS™ ultrasound is safe in vivo**


http://ieeexplore.ieee.org/xpl/articleDetails.jsp?arnumber=4151936

**Drugs are unaffected by EKOS™ ultrasound field**

http://scitation.aip.org/content/aip/proceeding/aipcp/10.1063/1.2205472


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Science of Ultrasound Drug Delivery

**Drug penetration into a clot is enhanced by ultrasound**


**EKOS™ proprietary waveforms are more effective at drug delivery**

http://www.karger.com/Article/Pdf/143522
**US FDA Clearance:** The Ekosonic™ Endovascular System is intended for the controlled and selective infusion of physician-specified fluids, including thrombolytics, into the peripheral vasculature. Infusion of solutions into the pulmonary arteries. The ultrasound facilitated, controlled and selective infusion of physician-specified fluids, including thrombolytics, into the vasculature for the treatment of pulmonary embolism. Instructions for Use, including warnings, precautions, potential complications, and contraindications can be found at [www.ekoscorp.com](http://www.ekoscorp.com).

**CE Mark:** The Ekosonic™ Endovascular System is intended for the controlled and selective infusion of physician-specified fluids, including thrombolytics, into the peripheral vasculature. Intended for the treatment of pulmonary embolism patients with ≥ 50% clot burden in one or both main pulmonary arteries or lobar pulmonary arteries, and evidence of right heart dysfunction based on right heart pressures (mean pulmonary artery pressure ≥ 25 mmHg) or echocardiographic evaluation. Instructions for Use, including warnings, precautions, potential complications, and contraindications can be found at [www.ekoscorp.com](http://www.ekoscorp.com).

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