

GLENN W. STAMBO, MD • YVES GABRIEL, MD
St. Joseph's Hospital and Medical Center, Tampa FL



Using EKOS® to Lyse Chronic Clot within Aortic Endograft Limb

Patient History

79-year-old white male presented with a history of:

- Aneurix Aortic endograft (Medtronic) placement in 2006
- Left leg pain greater than 6 months
- Chronic clot for greater than 6 months located in left limb of endograft
- Left endograft limb stenosis at the level of the aortic bifurcation
- Aortogram performed confirming a chronic occlusion of left limb of the aortic endograft

Treatment

EKOS® 18cm treatment zone device was placed:

- Device passed from left native iliac artery through thrombosed limb into proximal aorta
- Overnight (approx. 12 hr) intraarterial thrombolysis was performed with TNK at .25mg/hr (2.5ml/hr)

Results

Patient restudied the next morning:

- Complete clearing of the chronic thrombus from the left limb of the graft confirming a tight stenosis at the aortic bifurcation
- Balloon angioplasty was performed with an Atlas (Bard Peripheral Vascular) high pressure balloon resolving the stenosis
- Final angio demonstrated brisk flow through the limb with no residual thrombus or stenosis

"Great result even with chronic thrombus."

- Glenn W. Stambo, MD



CTA of aorta – chronic thrombosis of the left limb of the aortic endograft



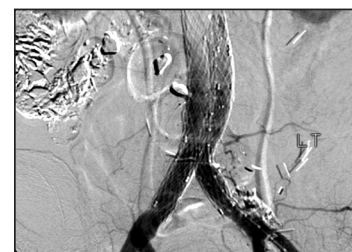
Pre-EKOS® - Aortogram confirming chronic thrombosis of the left limb of the graft



Post-EKOS® - Complete clearance of the chronic thrombus -- tight stenosis of the left limb at the aortic bifurcation



Balloon angioplasty of the left limb of the graft



Final angiogram demonstrating a widely patent aortic graft limb with no residual thrombus or stenosis



FDA CLEARED INDICATIONS: The EkoSonic® Endovascular System is indicated for the ultrasound facilitated, controlled and selective infusion of physician-specified fluids, including thrombolytics, into the vasculature for the treatment of pulmonary embolism; the controlled and selective infusion of physician-specified fluids, including thrombolytics, 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. EKOS® and EkoSonic® are registered trademarks of EKOS Corporation, a BTG International group company. BTG and the BTG roundel logo are registered trademarks of BTG International Ltd. © 2015 EKOS Corporation • US-EKO-2015-0222

EKOS CORPORATION
11911 N Creek Pkwy S.
Bothell, WA 98011