

Clinical Trials Experience

Project Title	Role	Origin	Name Of Grant	Funding Agency	Project Date
Biolux-PIII Registry. Multicenter international registry for Femoral, popliteal, and below-the-knee arterial Passeo 18-Lux drug eluting balloon angioplasty. Singapore General Hospital.	P.I.	Germany, Multi-center, international registry	Biolux-PIII Global Registry	Biotronik AG	Oct 2015 –ongoing
Syngo iflow trial for hemodialysis vascular access interventions. Singapore General Hospital	Co-I	Singapore	N/A Investigator initiated	N/A Investigator initiated	Oct 2015 – present
REHEARSAAL. Multicenter, randomized study to compare the clinical performance of AAA procedures with and without prior rehearsal in a virtual environment using the Symbionix Procedure Rehearsal Studio. University Hospitals Case Medical Center, Cleveland, OH.	P.I.	USA	Symbionix Educational Research Fund	Symbionix	Jun 2013 – Nov 2016
Evaluation of MST-188 (purified poloxamer 188) in Acute Limb Ischemia. A phase 2 randomized, double blind, placebo-controlled, multi-center clinical trial evaluating the safety and efficacy of ANX-188 in subjects with acute lower limb ischemia receiving catheter-directed recombinant tissue Plasminogen Activator. University Hospitals Case Medical Center, Cleveland, OH.	P.I.	USA	N/A	Mast Therapeutics, Inc.	Mar 2013 – Dec 2015
Effect of endovascular simulator practice on surgical trainees in proficiency and efficacy	P.I.	USA	N/A Investigator initiated	Symbionix (endovascular simulator)	Jan 2014 – Dec 2014

of endovascular skill, utilizing the Symbionix endosimulator system. University Hospitals Case Medical Center, Cleveland, OH.					
Timing of Vein Mapping for Hemodialysis Arteriovenous Fistula Access Study. University Hospitals Case Medical Center, Cleveland, OH.	P.I.	USA	N/A Investigator initiated	N/A Investigator initiated	Sep 2012 – Oct 2014
PRICE - Propaten Randomized Investigation on Cost-benefit and Efficacy. A randomized controlled comparative study on efficacy and cost-effectiveness of heparin-bonded versus non-heparin-bonded polytetrafluoroethylene hemodialysis access grafts, University Hospitals Case Medical Center, Cleveland, OH.	Co-I	USA	N/A Investigator initiated	N/A Investigator initiated	May 2013 – Dec 2015
Biomet CLI. MarrowStim™ PAD Kit for the Treatment of Critical Limb Ischemia (CLI) in Subjects with Severe Peripheral Arterial Disease (PAD). Multicenter randomized prospective clinical trial. University Hospitals Case Medical Center, Cleveland, OH.	Co-I	USA	N/A	Biomet Biologics, LLC	Mar 2012 – Dec 2016
INSPIRATION. A Multicenter, Open Label, Prospective, Non-Randomized Study Of The INCRAFT™ Stent Graft System In Subjects With Abdominal Aortic Aneurysms, University Hospitals Case Medical Center, Cleveland, OH.	Co-I	USA	N/A	Cordis Corporation	Aug 2012
SIMPLICITY HTN-3. Renal Denervation in Patients with Uncontrolled Hypertension.	Co-I	USA	N/A	University of Erlangen-Nürnberg Medical School	Nov 2013

Randomized prospective clinical trial, University Hospitals Case Medical Center, Cleveland, OH.					
Carotid Revascularization with ev3 Arterial Technology Evolution Post Approval Study (CREATE-PAS). University Hospitals Case Medical Center, Cleveland, OH.	Co-I	USA	N/A	Medtronic Endovascular	Jun 2012 – Sep 2015
Biomimetic Vascular Prosthesis Engineering: Hybridization of PTFE graft to bioprosthetic graft with biological cell culture, in porcine carotid model. University Hospitals Case Medical Center, Cleveland, OH.	Co-I	USA	National Heart, Lung, and Blood Institute (NHLBI)		May 2011
Hemodialysis Access Duplex Ultrasound Surveillance and Cost Considerations. University Hospitals Case Medical Center, Cleveland, OH.	P.I.	USA	N/A Investigator initiated	N/A Investigator initiated	Mar 2011 – Oct 2014
LEVANT-2. Prospective, Multicenter, Single Blind, Randomized, Controlled Trial Comparing the Moxy™ Drug Coated Balloon vs. Standard Balloon Angioplasty for Treatment of Femoropopliteal Arteries. University Hospitals Case Medical Center,	Co-I	USA	N/A	C.R.Bard	Jan 2011 – Dec 2012
ENGAGE-PAS. Post-approval study evaluating the long term safety and effectiveness of the Endurant Stent Graft System. University Hospitals Case Medical Center, Cleveland, OH.	Co-I	USA	N/A	Medtronic Endovascular	Jan 2011 – Dec 2011
CVRx® Rheos Carotid	P.I.	USA	N/A	CVRx Inc.	Aug 2011 – Dec

Baroreceptor Stimulator or Pivotal Trial. University Hospitals Case Medical Center, Cleveland, OH.					2016
CVRx® Rheos Carotid Baroreceptor Stimulator Pivotal Trial. Temple University Hospital, Philadelphia, PA	Sub-I	USA	N/A	CVRx Inc.	Jan 2008 – Mar2009
SmartGraft™ - Wireless Flow & Volume Sensing PTFE Bypass graft, and H-DGT – Flow sensing catheter. Temple University Hospital, Philadelphia, PA	Sub-I	USA	National Heart, Lung, and Blood Institute SBIR 1 R43 HL07139-01A1 P41-EB2182	NHLBI	Oct 2007 – Dec 2013