



Over 150 HeRO Graft
Publications and Presentations

Bibliography



PERIPHERAL INTERVENTION

Published Abstracts and Articles

- Al Shakarchi J, Houston JG, Jones RG, Inston N. A Review on the Hemodialysis Reliable Outflow (HeRO) Graft for Hemodialysis Vascular Access. *Eur J Vasc Endovasc Surg*. 2015 May 26. pii: S1078-5884(15)00272-5. doi: 10.1016/j.ejvs.2015.03.059.
- Kensinger C, Brownie E, Bream P Jr, Moore D. Multidisciplinary Team Approach to End-stage Dialysis Access Patients. *J Surg Res*. 2015 May 6. pii: S0022-4804(15)00525-9. doi: 10.1016/j.jss.2015.04.088.
- Cui J, Kawai T, Irani Z. Catheter-directed Thrombolysis in Acute Superior Vena Cava Syndrome Caused by Central Venous Catheters. *Semin Dial*. 2015. doi: 10.1111/sdi.12362
- Nephrology News & Issues. Access Options for Dialysis Patients: A Surgeon's View. *Nephrol News Issues*. March 2015.
- Yerxa J, Gage SM, Lawson JH. Hemodialysis Reliable Outflow Device Impingement in the Subclavian Position: a case report. *J Vasc Access*. 2015. doi: 10.5301/jva.5000380
- Kudlaty EA, Pan J, Allemang MT, et al. The End Stage of Dialysis Access: Femoral Graft or HeRO Vascular Access Device. *Annals Vasc Surg*. 2015;29(1):90-97.
- Torrent D, Maness M, Kachare S, et al. Examining Hemodialysis Reliable Outflow Catheter Performance and Cost in Hemodialysis Access. *J Surg Res*. 2014;192(1):1-5.
- Irani Z, Romano L, Walker T, et al. HeRO-The Last Resort Measure - Single Center Series and Review of the Literature. *Austin J Surg*. 2014;1(9):1041.
- Hart D, Gooden C, Cummings L, et al. Modification of the HeRO Graft Allowing Earlier Cannulation and Reduction in Catheter Dependent Days in Patients with End Stage Renal Disease: A Single Center Retrospective Review. *Scientific World J*. 2014: Article ID 318629, 4 pages, 2014.
- Nassar G, Glickman M, McLafferty R, et al. A Comparison between the HeRO Graft and Conventional Arteriovenous Grafts in Hemodialysis Patients. *Semin Dial* 2014;27(3):310-318.
- Wallace J, Chaer R, and Dillavou E. Report on the Hemodialysis Reliable Outflow (HeRO) Experience in Dialysis Patients with Central Venous Occlusions. *J Vasc Surg* 2013;58(3):742-747.
- Pillai U, Roopkiranjot K, Lakshminarayan N, et al. Downhill Varices Secondary to HeRO Graft-related SVC Syndrome. *Semin Dial* 2013;26(5):E47-E49.
- Kumbar L, Besarab A. Lifting the Veil: Insights into Vascular Access Options. *CJASN* 2013;8(5):708-710.
- Coan K, O'Donnel M, Fankhauser G, et al. Bilateral Pulmonary Emboli Secondary to Indwelling Hemodialysis Reliable Outflow Catheter. *Vasc Endovasc Surg* 2013;47:317-319.
- Kokkosis A, Abramowitz S, Schwitzer J, et al. Experience of HeRO Dialysis Graft Placement in a Challenging Population. *Vasc Endovasc Surg* 2013;47:278-280.
- Allen R, Ladenheim E. Special Nursing Needs for Patients with HeRO Grafts. *ANNA Abstract online* 4/17/2013.
- Politi R, Kawai T, Wu S, et al. Review of the HeRO (Hemodialysis Reliable Outflow) Device: A Novel Approach for Hemodialysis. *JVIR* 2013;24(4):S120.
- Glickman M. The HeRO Catheter Device is Coming to Europe: An Update from Previous Experience in the USA. *CX Daily News* April 6, 2013.
- Gebhard T, Bryant J, Grezaffi J, et al. Percutaneous Interventions on the Hemodialysis Reliable Outflow Vascular Access Device. *JVIR* 2013;24:543-549.
- Provenzano R, LaFleur M, McFadden L, et al. Prospective Analysis of Hemodialysis Reliable Outflow (HeRO) Vascular Access Graft vs. Cuffed Catheter Access in Hemodialysis (HD) Patients. *AJKD* 2013;61(4):B78.

- Roddy S, Zwolak R. Outcomes Comparison of HeRO and Lower Extremity Arteriovenous Grafts in Patients with Long-Standing Renal Failure. *J Vasc Surg* 2013;57:891.
- Steerman S, Wagner J, Higgins J, et al. Outcomes Comparison of HeRO and Lower Extremity Arteriovenous Grafts in Patients with Long-standing Renal Failure. *J Vasc Surg* 2013;57:776-783.
- Wallace J, Chaer R, Dillavou E. The HeRO Experience: Midterm Report on a Difficult Dialysis Population. Abstract. *J Vasc Surg* 2012: 56(3):883.
- Allan B, Prescott A, Tabbara M, Bornak A, Goldstein L. Modified Use of the HeRO Graft for Salvage of Threatened Dialysis Access. *J Vasc Surg*, 2012: 56(4);1127-1129.
- Dageforde L, Bream P, Moore D. Hemodialysis Reliable Outflow (HeRO) Device in End-Stage Dialysis Access: A Decision Analysis Model. *J Surg Res*. 2012: 177(1).
- Gage S, Katzman H, Ross J, Hohmann S, et al. Multi-center Experience of 164 Consecutive Hemodialysis Reliable Outflow (HeRO) Graft Implants for Hemodialysis Treatment. *Eur J Vasc Endovasc Surg*. 2012;44(1):93-99.
- Steerman S, Wagner J, Higgins J, Kim C. Outcomes Comparison of HeRO and Lower-extremity Arteriovenous Graft in Patients with Longstanding Renal Failure. *J Vasc Surg*. 2012: 55(6):275-285.
- Malalis C, Jeong D, Virmani S, Chan C, Pillai AK. Recanalization Techniques for Central Venous Occlusions: A Pictorial Essay. Abstract. *JVIR*. 2012;23(3):S175-S176.
- Redhage L, Moore D. Hemodialysis Reliable Outflow (HeRO) Dialysis Access Device in Patients with End Stage Dialysis Access: A Decision Analysis Model. Abstract. Academic Surgical Conference; 2012 Feb 14-16. Las Vegas, NV.
- Carrion J. Vascular Access Devices for Dialysis. *OR Nurse*. 2012;6(1):28-32.
- Anaya-Ayala J, Bellows P, Peden E, et al. Surgical Management of Hemodialysis-Related Central Venous Occlusive Disease: A Treatment Algorithm. *Annals Vasc Surg*. 2011;25(1):108-119.
- Akoh J. Managing Patients with Problematic Vascular Access Sites. *US Nephrology*. 2011;6(1):48-55.
- Akoh J. Managing Patients with Problematic Vascular Access Sites. *European Nephrology*. 2011;5(1):49-55.
- Anaya-Ayala J, Chen G, Peden E, et al. Salvaging the Failed Hemodialysis Reliable Outflow (HeRO) Vascular Access Device: Patterns of Failure and Therapy. Abstract. SCVS Symposium 2012. Available at <http://symposium.scvs.org/abstracts/2012/p32.cgi>.
- Prescott A, Allan B, Goldstein J, et al. Modified Use of the HeRO Device for Immediate Salvage of a Threatened Dialysis Graft. Abstract. *J Vasc Surg*. 2011; 54(6): 1865.
- Ahluwalia H. Novel Use of the Hemodialysis Reliable Outflow (HeRO) Vascular Access Device in the Treatment of Severe Limb Edema. Abstract. *J Vasc Access*. 2010;11(Suppl 2).
- Bowers V, Grundy S, Zwiebel B, et al. Saving a Failing AVF Utilizing the HeRO Vascular Access Device. Abstract. *J Vasc Access*. 2010;11(Suppl 2).
- Glickman M. HeRO Vascular Access Device. *Semin Vasc Surg*. 2011; 24(2):108-112.
- Chen G, Anaya-Ayala J, Smolock I, Davies M, Peden E. Successful Use of the HeRO Device to Salvage a Functional Arteriovenous Fistula and Resolve Symptoms of Venous Hypertension. *EJVES Extra*. 2011; 22(4):e37-39.
- O'Brien P, Kim C, Gage S, Lawson J. Expanded Use of the Hemodialysis Reliable Outflow (HeRO) Vascular Access Device for Permanent Dialysis Access in Patients with Total Central Venous Occlusion. Abstract. *J Vasc Surg*. 2011: 53(6): 76S.
- Schuman E, Ronfeld A. Early Use Conversion of the HeRO Dialysis Graft. *J Vasc Surg*. 2011; 53(6):1742-4.
- Gage S, O'Brien P, Kim C, Lawson J. Central Venous Recanalization and Subsequent Placement of HeRO Device in Catheter Dependent Patients. Abstract. *J Vasc Access*. 2011; 12(2):150.

- Gage S, Ahluwalia H, Lawson J. Salvaging Vascular Access and Treatment of Severe Limb Edema: Case Reports on the Novel Use of the Hemodialysis Reliable Outflow Vascular Access Device. *Ann Vasc Surg*. 2011; 25(3):387.e1-5.
- Grezaffi J, Bryan J, Lessne M, Miller M, Kim C. Early Experience with Percutaneous Interventions on Failing HeRO Arteriovenous Grafts. Abstract. *JVIR*. 2011;22(3):S98.
- Katzman H. Case Study: HeRO Vascular Access Device Long-Term Outcomes in Renal Transplant Patient with Multiple Co-Morbidities. Abstract. *J Am Soc Nephrol*. 2010;909A.
- Fusselman M. Letter to Editor Responding to Dr. Spergel Comments. *Nephrol News Issues*. 2010; 24(11):16-17.
- Fusselman M. Results of a Customer-Based, Post-Market Surveillance Survey of the HeRO Access Device. *Nephrol News Issues*. 2010; 24(9):30-3.
- Vasquez J, DeLaRosa J, Rahim N, Rahim F. Conversion of Tunneled Hemodialysis Catheter into HeRO Device Can Provide Immediate Access for Hemodialysis. *Vasc Endovascular Surg*. 2010; 44(8):687-90.
- Gage S, Lawson J. New Developments in Hemodialysis Grafts. *Endovascular Today*. 2010; 9(6):38-44.
- Nassar G. Long-term Performance of the Hemodialysis Reliable Outflow Device: The 56 Month Follow-Up of the First Clinical Trial Patient. *Semin Dial*. 2010; 3:229-232.
- Yost L, Dinwiddie L. Impact of the Use of the HeRO Vascular Access Device Versus Tunneled Catheter Dialysis Provider Economics in an Era of Bundling. *Adv Chronic Kidney Dis*. 2010;17(2):151.
- Vasquez J, DeLaRosa J, Leon J, Rahim N, Rahim F. Percutaneous Endovascular Management of Occluded HeRO Dialysis Access Device. *Vasc Endovascular Surg*. 2010; 44:44-7.
- Ball L. Forty Years of Vascular Access. *Nephrol Nurs J*. 2009: March-April.
- Katzman H, McLafferty R, Ross J, Glickman M, Peden E, Lawson J. Initial Experience and Outcome of a New Hemodialysis Access Device for Catheter-Dependent Patients. *J Vasc Surg*. 2009; 50:600-7.
- Katzman H. Early Commercialization Experience with New Long Term Vascular Access for Catheter-Dependent Patients. Abstract. *J Vasc Surg*. 2009; 49:S20 PP20.
- Dinwiddie L. A New Long Term Vascular Access Device for Catheter-Dependent Patients. *J Vasc Interv Radiol*. Abstract. 2009; 20(2):S51.
- Dolmatch B, Work J, Davidson I. A Roundtable on Chronic Dialysis. *Endovascular Today*. 2009; 8(2):49-56.
- Dinwiddie L. Do Access-Challenged Patients Need a HeRO? *Nephrol News Issues*. 2009; 23(2):34-6.

Book Chapters

- Gage S, Lawson J. Chapter 47: The HeRO Vascular Access Graft. *Controversies & Updates in Vascular Surgery*. 2013:272-278.
- Hybrid Vascular Grafts. 2015 Buyer's Guide. *Endovascular Today* 2015. Available at http://evtoday.com/buyers-guide/2015/chart.asp?id=hybrid_vascular_grafts
- Dinwiddie L, Patel D. The HeRO Graft: An Innovative Vascular Access for Patients with Compromised Venous Outflow. *Dialysis: History, Development and Promise*. Singapore: World Scientific Publishing Co Inc; 2012.
- Katzman H. The HeRO Vascular Access Device from Concept to Application: Technology, Clinical Trial Data and Current Clinical Experience. *New Findings in Vascular Surgery*. Shelton, CT: People's Medical Publishing House-USA; 2010:34.
- Kohler T. Strategies to Reduce Intimal Hyperplasia in Dialysis Access Grafts. *Vascular Access: Principles and Practice*, Fifth Edition. Philadelphia, PA: Lippincott, Williams and Wilkins; 2010:76.
- Ahluwalia H, Gage S, Lawson J. Vascular Access. *Online Clinical Review of Vascular Surgery*. 2010:265-291.

Guidelines

National Kidney Foundation. A Clinical Update on an Alternative Vascular Access for the Catheter-Dependent Hemodialysis Patient. Clinical Bulletin 2012 Jan. Available at http://www.kidney.org/professionals/tools/pdf/Clinical_Update_on_VA.pdf, downloaded on 11/20/2013.

Catheter Reduction Toolkit 2011. Forum of ESRD Networks. Available at <http://esrdnetworks.org/mac-toolkits/download/download-write-able-forms-catheter-reduction-toolkit-1/catheter-reduction-toolkit/view>, downloaded on 11/20/2013.

Catheter Reduction Toolkit 2009. Forum of ESRD Networks. Available at http://www.esrdnet11.org/assets/pdf/catheter_toolkit.pdf, downloaded on 11/20/2013.

Educational Symposium Posters

Politi R, Kawai T, Wu S, et al. Review of the HeRO (Hemodialysis Reliable Outflow) Device: A Novel Approach for Hemodialysis. Poster session presented at the SIR 38th Annual Meeting 2013; Apr 13-18, New Orleans, LA.

Provenzano R, LaFleur M, McFadden L, et al. Prospective Analysis of Hemodialysis Reliable Outflow (HeRO) Vascular Access Graft vs. Cuffed Catheter Access in Hemodialysis (HD) Patients. Poster session presented at the NKF Spring Clinical Meeting 2013; Apr 2-6, Orlando, FL.

Saikumar JH, Soman SS, Kumbar LM. Ischemic Monomelic Neuropathy Associated with HeRO Vascular Access Device: A Case Report. Poster session presented at the ASN Kidney Week 2012; Oct 30 – Nov 4, San Diego, CA.

Malalis C, Jeong D, Virmani S, Chan C, Pillai AK. Recanalization Techniques for Central Venous Occlusions: A Pictorial Essay. Poster session presented at the SIR 37th Annual Meeting March 24-29, 2012; San Francisco, CA.

Anaya-Ayala J, Adams M, Peden E, et al. Salvaging the Hemodialysis Reliable Outflow (HeRO) Vascular Access Device: Patterns of Failure and Therapy. Poster session presented at the 40th Annual Symposium: SCVS; 2012 Mar 14-17; Las Vegas, NV.

Thakkar A, Forbes R, Henry M, et al. Novel Approach to Hemodialysis Reliable Outflow Device. Poster session presented at the 8th Annual Scientific Meeting. ASDIN; 2012 Feb 24-26; New Orleans, LA.

O'Brien P, Kim C, Gage S, Lawson J. Expanded Use of the Hemodialysis Reliable Outflow (HeRO) Vascular Access Device for Permanent Dialysis Access in Patients with Total Central Venous Occlusion. Poster session presented at 2011 Vascular Annual Meeting. Society of Vascular Surgery; 2011 Jun 16-17; Chicago, IL.

Sundaram S, Peterson B, Jacobs D, Wittgen C. Modes of Failure of HeRO. Poster session presented at Society for Clinical Vascular Surgery 39th Annual Symposium: 2011 Mar 16-19; Orlando, FL.

Yost L, Dinwiddie L. Impact of the Use of the HeRO Vascular Access Device Versus Tunneled Catheter Dialysis Provider Economics in an Era of Bundling. Poster session presented at 2010 Renal Week. ASN; 2010 Nov 16-21; Denver, CO.

Gage S, Lawson J, Butterly D, Ross J, Katzman H, Hohmann S, Woolard J. Multi-Center Experience of 161 Consecutive HeRO Graft Implants. Poster session presented at 2010 Renal Week. ASN; 2010 Nov 16-21; Denver, CO.

Bayuk S, Esper C, Geissen N, Henwood J. Alternative Method of Percutaneous Endovascular Management of Occluded HeRO Dialysis Access Device. Poster session presented at Annual Clinical Assembly of Osteopathic Surgeons; 2010 Oct 23-26; San Francisco, CA.

Bowers V, Grundy S, Zwiebel B, Lin J, Pearson H. Saving a Failing AVF Utilizing the HeRO Vascular Access Device. Poster session presented at Vascular Access for Hemodialysis 12th Symposium: VASA; 2010 May 12-14; Las Vegas, NV.

Ross J. What Have We Learned After Four Years of Implanting the HeRO Vascular Access Device? Poster session presented at Vascular Access for Hemodialysis 12th Symposium: VASA; 2010 May 12-14; Las Vegas, NV.

Ahluwalia H, Gage S, Lawson J. Salvaging Vascular Access and Treatment of Severe Limb Edema: Case Reports on the Novel Use of the HeRO Vascular Access Device. Poster session presented at Vascular Access for Hemodialysis 12th Symposium: VASA; 2010 May 12-14; Las Vegas, NV.

Bryant J, Husum K, Miller M, Gage S, Smith T, Lawson J, Kim C. Preliminary Experience with Percutaneous Interventions on Thrombosed HeRO Arteriovenous Grafts. Poster session presented at SIR Annual Scientific Meeting; 2010 Mar 13-18; Tampa, FL.

Bui J, Carrillo T, Gaba R, Knuttinen M, Tzvetanov I, Oberholzer J, Jeon H, Benedetti E, Owens C. How to and Technical Considerations for the Implantation of HeRO Vascular Access Device for End Stage Renal Disease Patients. Poster session presented at SIR Annual Scientific Meeting; 2010 Mar 13-18; Tampa, FL.

Lin J, Bowers V, Huan, J. Fistula Salvage Utilizing the HeRO Vascular Access Graft in Dialysis Patients. Poster session presented at 7th Annual Scientific Meeting. ASDIN; 2010 Feb 11-13; Orlando, FL.

Nassar G. The HeRO Device Versus Conventional Arterio-Venous Grafts in Dialysis Patients. Poster session presented at 7th Annual Scientific Meeting. ASDIN; 2010 Feb 11-13; Orlando, FL.

Dinwiddie L. An Innovative Arterio-Venous Access Device for Catheter-Dependent Hemodialysis Patients. Poster session presented at 2009 Renal Week. ASN; 2009 Oct 27-Nov 2; San Diego, CA.

Dinwiddie L, Work J. HeRO An Innovative Arterio-Venous Access for Catheter-Dependent Patients. Poster session presented at 2nd Congress of International Society for Hemodialysis; 2009 Aug 28-30; Hong Kong.

Katzman H. HeRO Device Experience in Vascular Access-Challenged Patients. Poster session presented at 2009 Vascular Annual Meeting. Soc Vasc Surg; 2009 Jun 11-14; Denver, CO.

Nassar G. A New Long-Term Subcutaneous Arterio-Venous Device Rescues Dialysis Catheter Patients from Infectious Complications and Other Associated Catheter Shortcomings. Poster session presented at The 5th Annual Scientific Meeting. ASDIN; 2009 Feb 6-8; San Antonio, TX.

Work J. New Vascular Access Device Option for Catheter Dependent Patients. Poster session presented at 5th Annual Scientific Meeting. ASDIN; 2008 Feb 8-10; Salt Lake City, UT.

Educational Symposium Presentations

Hohmann S. HeRO Graft: Successes and Failures. VASA Hands-On Practicum on Hemodialysis Access. May 14-16, 2015. Duke University Medical Center, Durham, NC.

Glickman M. Role Of The HeRO Graft In Hemodialysis Access. The 41st Annual VEITH Symposium. November 22, 2014. New York, New York.

Gage S. Vascular Live Presentation: Clinical Update on the HeRO Graft, Indications for Use, Case Presentation, and Implant Techniques. June 6, 2014. Chicago, IL.

Bream P. Hemodialysis Access Interventions: HeRO Grafts. Society of Interventional Radiology (SIR). March 24, 2014. San Diego, CA.

Lawson J. Experience with the HeRO Device: Mistakes Made, Lessons Learned. The 40th Annual VEITH Symposium 2013; Nov 19-23; New York, New York.

Lawson J. Experience with the HeRO Device: Mistakes Made, Lessons Learned. CiDA 2013; Oct 23-24; San Francisco, CA.

Ross J. Case Presentation of HeRO Graft Flow Measurements. CiDA 2013; Oct 23-24; San Francisco, CA.

Solis M. Blind Right Atrial Conduits: HeRO AV Grafts for Dialysis Access in Patients with SVC Occlusion. Georgia Vascular Society Inaugural Scientific Sessions; 2013; Sept 27-28; Greensboro, GA.

Lawson J. Use of HeRO Device. VASA 2013; May 2-4; Houston, TX.

Glickman M. Hands-On Practicum with HeRO Graft. VASA 2013; May 2-4; Houston, TX.

Gage S. HeRO Graft Implant: A Video Documentary. 8th Intl Congress on Vascular Access 2013; Apr 26; Prague, Czech Republic.

Dinwiddie L. Preparing for Vascular Access Placement: Patient Assessment. ANNA. 2013; Apr 21-24; Las Vegas, NV.

Allen R, Ladenheim E. Special Nursing Needs for Patients with HeRO Grafts. ANNA 2013; Apr 21-24; Las Vegas, NV.

Glickman M. The HeRO Catheter Device is Coming to Europe: An Update from Previous Experience in the USA. Int'l symposium Charing Cross 2013; Apr 6-9; London, UK.

Dinwiddie L. Preparing for Vascular Access Placement: Patient Assessment. Annual Dialysis Conference. 2013; Mar 9-12, Seattle, WA.

Ross J. HeRO Device Insertions and Management of Complications. ASDIN; 2013 Feb 15; Washington, DC.

Gage S. The HeRO Vascular Access Graft. CACVS; 2013 Jan 17-19; Paris, France.

Steerman S, Wagner J, Glickman M, et al. Outcomes Comparison of HeRO and Lower-extremity Arteriovenous Graft in Patients with Longstanding Renal Failure. 2012 Vascular Annual Meeting. Society of Vascular Surgery; 2012 Jun 7-9; National Harbor, MD.

Ross J, Artikov S. Surgical Management of the Infected Graft. Vascular Access for Hemodialysis 13th Symposium: VASA; 2012 May 9-11; Orlando, FL.

Cull D. Vascular Access in the Morbidly Obese Patient. Vascular Access for Hemodialysis 13th Symposium: VASA; 2012 May 9-11; Orlando, FL.

Gage S, Kim C, Lawson J. Central Venous Recanalization (CVR) and Subsequent Implantation of the Hemodialysis Reliable Outflow (HeRO) Device in Catheter Dependent Patients. Vascular Access for Hemodialysis 13th Symposium: VASA; 2012 May 9-11; Orlando, FL.

Ladenheim E, Lum C, Agrawal S, Chadwick N. Fewer HERO Grafts and More SFA-tSFV Thigh Fistulas: Our Changing Approach to Management of Bilateral Central Venous Stenosis. Vascular Access for Hemodialysis 13th Symposium: VASA; 2012 May 9-11; Orlando, FL.

Kokkosis A, Schanzer H, Teodorescu V, et al. Experience of HeRO Dialysis Graft Placement in a Challenging Population. Vascular Access for Hemodialysis 13th Symposium: VASA; 2012 May 9-11; Orlando, FL.

Allan B, Prescott A, Goldstein L, et al. Modified Use of the HeRO: Continued Use of the Contralateral Central Veins. The 25th Annual Scientific Sessions. Florida Vascular Society; 2012 May 3-6; Naples, FL.

Lawson J. HeRO Device. 4th Annual Hemodialysis.Access Symposium; 2012 April 20; Newark, NJ.

Lawson J. The HeRO Device for Hemodialysis. ISVS Congress; 2012 Mar 9-11; Miami, FL.

Work J. The HeRO Device Update. The 8th Annual Scientific Meeting. ASDIN; 2012 Feb 24-26; New Orleans, LA.

Goldstein J. Modified Use of the HeRO Device for Immediate Salvage of a Threatened Dialysis Graft. Southern Assn Vasc Surg; 2012 Jan 18-21; Scottsdale, AZ.

Lawson J. HeRO Device. The 38th Annual VEITH Symposium; 2011 Nov 16-20; New York, NY.

Glickman M. HeRO Vascular Access Device. The 97th Annual American College of Surgeons Clinical Congress; 2011 Oct 23-27; San Francisco, CA.

Glickman M. Troubleshooting HeRO. 2011 Vascular Annual Meeting. Society of Vascular Surgery; 2011 Jun 16-17; Chicago, IL.

Glickman M. HeRO: Indication and Outcomes. Hands-On Practicum on Hemodialysis Access: VASA; 2011 May 19-21; St. Louis, MO.

Katzman H. HeRO: Current Indications. Vascular Access Symposium; 2011 May 20; Milwaukee, WI.

Gage S, O'Brien P, Kim C, Lawson J. Central Venous Recannalization and Subsequent Placement of HeRO Device in Catheter Dependent Patients. The 7th Congress of Vascular Access Society; 2011 May 5-7; Istanbul, Turkey.

Kedora J. Arteriovenous Fistula vs. Arteriovenous Graft Creations vs. HeRO Graft Placement. Baylor Vascular Seminar; 2011 Apr 9; Dallas, TX.

Grezaiff J, Bryan J, Lessne M, Miller M, Kim C. Early Experience with Percutaneous Interventions on Failing HeRO Arteriovenous Grafts. SIR. Mar 2011; Chicago, IL.

Katzman H. The HeRO Vascular Access Device from Concept to Application: Technology, Clinical Trial Data and Current Clinical Experience. Northwestern Vascular Symposium; 2010 Dec 9-11; Chicago, IL.

Glickman M. HeRO Device: Indications and Outcomes. The 37th Annual VEITH Symposium; 2010 Nov 17-21; New York City, NY.

Dinwiddie L. The Patient with Access Challenges; Experience with the HeRO Graft. ANNA Breakfast Symposium; 2010 Oct; Las Vegas, NV.

Peden E. Surgical Techniques of Central Venous Reconstruction. The Seventh Annual CIDA; 2010 Oct 28-29; San Francisco, CA.

Miller G. Treat the Stenosis Before Surgery or Consider a Graft-Catheter. The Seventh Annual CIDA; 2010 Oct 28-29; San Francisco, CA.

Glickman M. Are We Smarter Now that We Have Used the HeRO Device for Two Years? The Seventh Annual CIDA; 2010 Oct 28-29; San Francisco, CA.

Spergel L. Fistula First: When Does the FBBI Think that an AVF Should NOT be Considered First? The Seventh Annual CIDA; 2010 Oct 28-29; San Francisco, CA.

Dolmatch B. The Swollen Arm (Due to Central Venous Obstruction on the Same Side as a Functional AV Access Circuit): What We Know and Don't Know. The Seventh Annual CIDA; 2010 Oct 28-29; San Francisco, CA.

Ross J. Graft or Catheter? Is HeRO Really a HeRO? Cincinnati Hemodialysis Vascular Access Symposium; 2010 Oct 1-2; Cincinnati, OH.

Peden E. Fistula and Graft Placement. Cardiovascular Fellows Bootcamp; 2010 Aug 20-22; Houston, TX.

Gage S, Peterson D, Lawson J. Single Center Experience of 41 Consecutive HeRO Implants. Vascular Access for Hemodialysis 12th Symposium: VASA; 2010 May 12-14; Las Vegas, NV.

Woolard J, Hohmann S, Kedora J, Grimsley B, Fisher T, Shutze W. Early Single-Institution Experience with HeRO. Vascular Access for Hemodialysis 12th Symposium: VASA; 2010 May 12-14; Las Vegas, NV.

Katzman H. Alternatives for Catheter-Dependent Patients. The 23rd Annual Scientific Sessions. Florida Vascular Society; 2010 Apr 22-25; Naples, FL.

Day J, Holt H, Chen B, Stout C, Panneton J, Glickman M. HeRO Device Outcomes in Patients with Long-Standing Renal Failure: Optimizing Performance. The 38th Annual Symposium. SCVS; 2010 Apr 7-10; Scottsdale, AZ.

Glickman M. Last Ditch Catheters Options and Outcomes. Total Endovascular Series: Dialysis Access Symposium; 2010 Mar 11-13; Houston, TX.

Dinwiddie L. A New Long Term Vascular Access Device for Catheter Dependent Patients. The 34th Annual Scientific Meeting. SIR; 2010 Mar 7-12; San Diego, CA.

Ross J. HeRO - A Novel Vascular Access Device for Patients with Venous Obstruction. The 6th Annual CIDA; 2009 Nov 12-13; San Francisco, CA.

Stout C, Panneton J, Glickman M. HeRO Hemodialysis Placement in Patients with Challenging Central Vein Occlusions. 37th Annual Symposium. SCVS; 2009 Mar 18-21; Ft. Lauderdale, FL.

Katzman H. A Long Term Solution for the Catheter Dependent Patient. ISET; 2009 Jan 18-22; Hollywood, FL.

Katzman H. Updates on New Technologies in Hemodialysis Access - The HeRO Device. The 35th Annual VEITH symposium; 2008 Nov 19-23; New York, NY.

Katzman H. A New Long-Term Dialysis Access for Access-Challenged Patients. New England Society for Vascular Surgery; 2008 Oct; Newport Beach, RI.

Katzman H. A New Alternative for Catheter Dependent Patients. Vascular Access for Hemodialysis 11th Symposium: VASA; 2008 May 8-9; Orlando, FL.

Dinwiddie L. A New Long Term Vascular Access Device for Catheter Dependent Patients. The 29th National Symposium: ANNA; 2008 April 27-30; Philadelphia, PA.

Katzman H. The HeRO Vascular Access Device: A New Vascular Access Device for Access-Challenged Patients. 36th Annual Symposium. SCVS; 2008 Mar 5-8; Las Vegas, NV.

Dinwiddie L. Could HeRO Be a Long Term Solution for Our Access-Challenged Patients? The 28th Annual Dialysis Conference; 2008 Mar 2-4; Orlando, FL.

Katzman H. Could This Vascular Access Device Be the Long Term Solution for Our Access Challenged Patients. The 34th Annual VEITH Symposium; 2007 Nov 14-18; New York, NY.

Katzman H. A New Dialysis Access Device-Could This Be the Answer? The 20th Annual Scientific Sessions. Florida Vascular Society; 2007 May 3-6; St. Petersburg, FL.

Ross J. Providing a New Generation of Vascular Access Product. The 2nd Annual Scientific Meeting. ASDIN; 2006 Apr 29-30; San Antonio, TX.

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