

### Vascular Access Program:

#### Customized solutions for complex cases.

We are the largest vascular hemodialysis access program in the mid-Atlantic region, and our surgeons perform over 2,500 cases each year.

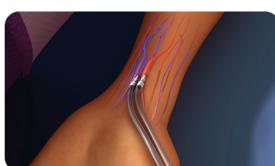
Whether creating the initial access, amending failed access points, or reestablishing flow to thrombosed access, we focus on long-term results and reduced risk of infection.

Our team can manage even the most complex dialysis patients with an array of fistulae and graft options tailored to each person. Recent, state-of-the-art techniques include:

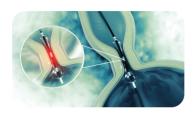




- HeRO\* graft placements: Specialized grafts applicable for
  patients in whom access cannot be obtained through the standard
  route, due to blocked veins or previous stenosis. We have among
  the highest volumes in the country and serve as a regional leader and proctor for this approach.
- Artegraft\*: A bovine tissue graft, used to obtain access for patients who have poor veins and are not candidates for the standard surgical procedure
- The WAVELINQ™ EndoAVF System: A minimally invasive technology for percutaneous fistula creation, avoiding surgical incisions
- Laparoscopic peritoneal catheter insertion: Allowing for the option of home dialysis

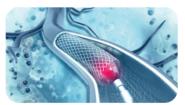


## Our surgeons are committed to partnering with you to achieve long-term, effective management of your patients' disease. To that end, we offer:













- Angiography
- Angioplasty
- Catheter placements, removals and exchanges
- Arteriovenous bypass
- Arteriovenous graft
- Balloon angioplasty maturation
- Balloon catheter
- Dialysis graft angioplasty
- Embolectomy

- Endarterectomy
- Endovascular stenting
- Fistula collateral vein ligation
- Fistula maturation and repair
- Stenting
- Thrombectomy
- Ultrasound
- Vessel mapping

All interventions are performed by a vascular surgeon in a surgical suite at one of our regional locations. With the increasing number of patient comorbidities, we believe it's imperative to have access to the full range of surgical support and critical care services, if needed.



(Left to right) Vascular Surgeon Ayesha Hatch, MD, and Vascular Access Program Director Jesse Garcia, MD



We welcome you to call us with questions, or to arrange a consult, at 202-877-3100.



#### MedStar Heart & Vascular Institute

# Nationally Recognized Excellence in the Baltimore-Washington Region

MedStar Heart & Vascular Institute is a national leader in the research, diagnosis and treatment of cardiovascular disease, and has been recognized by U.S. News & World Report and The Society of Thoracic Surgeons as one of the top cardiovascular programs in the nation. MedStar Heart & Vascular Institute and the Cleveland Clinic Heart, Vascular and Thoracic Institute, the nation's #1 heart program, enjoy a robust clinical and research relationship based on shared expertise.

Referring physicians have access to recognized national leaders in multiple cardiac and vascular sub-specialties and local access to our cardiac and vascular physicians who have offices located throughout Maryland, Northern Virginia, and the Greater Washington, D.C., region.

Visit us at MedStarHealth.org/Services/ Heart-and-Vascular.



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