

# INNOVATIVE AV ACCESS TECHNIQUE STUDY

A Novel Thrombectomy Technique Using the Chameleon™ PTA Balloon Catheter to Perform Imaging, Thrombectomy and Angioplasty

**10/10 TECHNICAL SUCCESS RATE\***

**AVF CASES (n=4)**

**AVG CASES (n=6)**

\*In a retrospective, single-center case study

## PROCEDURAL TIME OUTCOMES

Thrombectomy of a clotted AVF or AVG performed with a single device

**21  
minutes**

Average procedural time<sup>1</sup>

**4.5 min.**

Average fluoroscopy time<sup>1</sup>

**37 mL**

Average contrast volume<sup>1</sup>

## COST SAVINGS<sup>1</sup>

- Eliminate the need for introducer sheaths
- Comparative cost differences using PTA balloon(s) vs. mechanical thrombectomy

## A PROCEDURE THAT MATTERS<sup>1</sup>

Thrombectomy is critical for prolonged AV access life and is a significant source of health care expenditures in patients with ESRD.

**~ 470,000**

ESRD patients on hemodialysis in the US<sup>2</sup>

**65%–85%**

Vascular access loss due to Thrombosis<sup>1</sup>

**0.5–2.0**

AVG Thrombosis episodes (per graft / year)<sup>1</sup>

**66.05 min**

Standard thrombectomy procedural time (average)<sup>1</sup>

Contrast injection and medication administration (e.g. lytics) can be performed through the injection lumen of the device, making an introducer sheath optional while using the Chameleon™ PTA balloon.

1. Kramer, A., Ross, J., Gasparis, A.P. Chameleon™ PTA Balloon Catheter: A single device in managing thrombosed AV access. JVA. 2021; <https://doi.org/10.1177/11297298211027477>. Accessed June 23, 2021.

2. United States Renal Data System. 2019 USRDS Annual Data Report: Epidemiology of kidney disease in the United States. National Institutes of Health, National Institute of Diabetes and Digestive and Kidney Diseases, Bethesda, MD, 2019.