Comparison study

Chameleon[™] PTA Balloon Catheter

Gasparis, A., Banerjee, S. Procedural Comparison of a Standard PTA Balloon for Fistula and Graft Maintenance Procedures with the Novel Chameleon[™] PTA Balloon Catheter. *Journal of Vascular Access.* 2020.

The Chameleon[™] PTA balloon catheter can reduce procedure time, fluoroscopy time, and contrast volume.¹ This could help provide a more efficient procedure with simpler, more intuitive solutions that combine angioplasty and imaging in one device.

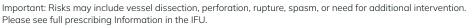
	Group A (n=34)	Group B (n=34)	Difference in Groups	Stat. Sig. (p-value)
Procedure Time	11.7 min	7.7 min	34.2%	0.0008
Fluoro Time	118.4 sec	85.6 sec	27.7%	0.0180*
Contrast Volume	30.6 mL	15.9 mL	49.1%	0.0001

Comparison of outcomes between a standard PTA balloon (Group A) and the Chameleon[™] PTA balloon (Group B)

Patient statistics

Sample Size (n) = 68				
Group A = 34	Group B = 34			
(Standard PTA balloon)	(Chameleon™ PTA balloon)			

- No significant gender differences between groups
- Comorbidities were similar to national rates in both groups (hypertension, coronary artery disease, and diabetes)



[†]Statistically significant using multiple regression controlled by lesion location and length.

1. Gasparis, A., Banerjee, S. Procedural Comparison of a Standard PTA Balloon for Fistula and Graft Maintenance Procedures with the Novel Chameleon[™] PTA Balloon Catheter. *Journal of Vascular Access.* 2020; https://doi.org/10.1177/ 1129729820979479. Accessed Dec. 15, 2020.

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34.2%

Procedural Time

27.7%

49.1%

Contrast Volume

Reduction^{1,†}

Reduction^{1,†}

Fluoro Time Reduction^{1,†}

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