

## 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.<sup>1</sup> 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 <sup>†</sup>
Fuoro Time	118.4 sec	85.6 sec	27.7%	0.0180 <sup>†</sup>
Contrast Volume	30.6 mL	15.9 mL	49.1%	0.0001 <sup>†</sup>

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  
(Standard PTA balloon)

Group B = 34  
(Chameleon™ PTA balloon)

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



**34.2%**  
Procedural Time  
Reduction<sup>1,†</sup>



**27.7%**  
Fuoro Time  
Reduction<sup>1,†</sup>



**49.1%**  
Contrast Volume  
Reduction<sup>1,†</sup>

Important: Risks may include vessel dissection, perforation, rupture, spasm, or need for additional intervention. Please see full prescribing Information in the IFU.

<sup>†</sup>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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