

# Successful Removal of 20 cm SFA Thrombus with Pounce™ Thrombectomy System

## Patient Presentation

- 52-year-old female presented with a cold, painful lower left leg.
- Medical history included chronic lung disease.
- Patient was admitted to the hospital, started on intravenous heparin.
- ABI of 0.5 on the left side. Lower extremity (left) angiogram demonstrated occluded SFA with thrombus just beyond the origin with reconstitution of the distal SFA via PFA collaterals.

## Procedure Overview

- Pounce™ Thrombectomy System baskets deployed mid-popliteal artery and pulled along length of SFA (approx. 20 cm), into funnel, and withdrawn from body.
- A small section of the thrombus was noted to have embolized into a large PFA branch due to the funnel being positioned proximal to the ostium of the PFA. The baskets and funnel were deployed mid and ostial PFA respectively, and the thrombus was successfully removed.
- Repeat angiogram revealed patent popliteal artery with two-vessel runoff to the foot via the AT and peroneal arteries.
- Post-procedure ABI was 1.0 on the left side.
- Patient discharged home 12 hours after procedure.



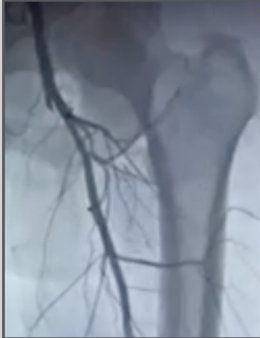
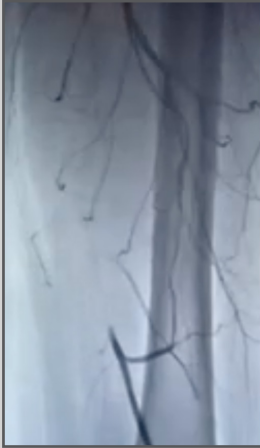
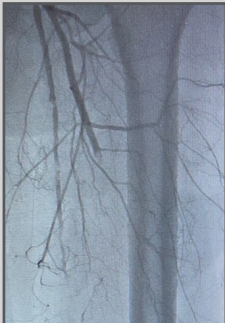



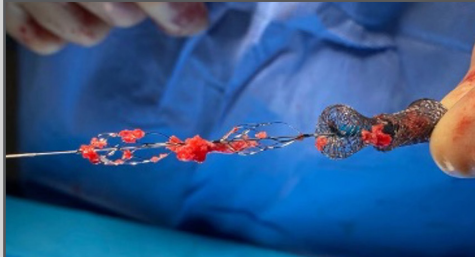
**Dr. J. Michael Bacharach, MD**

Avera Heart Hospital  
Sioux Falls, South Dakota  
Education: Mayo Clinic (MD); Cleveland Clinic  
(Cardiology Fellowship)



SCAN TO VIEW  
POUNCE™ SYSTEM CASE REPORTS



PRE-TREATMENT IMAGING	INTRAPROCEDURAL IMAGING		FINAL IMAGING
<p><b>Occluded SFA with Thrombus</b></p>  	<p><b>Profunda Embolus</b></p> 	<p><b>Patent Profunda After One Pass</b></p> 	<p><b>Final Angiography</b></p>  
	<p><b>CLOT REMOVED</b></p> 		
	<p><b>SFA Thrombi and Emboli Removed After One Pass</b></p>		

**Conclusion:** The Pounce system provided a first-line treatment for the long length thrombotic occlusion in the diseased SFA. The quick restoration of flow both in the SFA and PFA avoided the need for thrombolytic therapy, further surgical revascularization, or any ICU bedtime.

**Caution:** Federal (US) law restricts this device to sale by or on the order of a physician. Please refer to Instructions for Use for indications, contraindications, warnings, and precautions.



SURMODICS, POUNCE, and SURMODICS and POUNCE logos are trademarks of Surmodics, Inc. and/or its affiliates. Third-party trademarks are the property of their respective owners. All images used with permission of author. ©2023 Surmodics, Inc. All rights reserved. SRDX-PTS-711 A 01/23

[www.pouncesystem.com](http://www.pouncesystem.com)