

Efficient Removal of Lower Extremity Arterial Thrombus with the Pounce™ Thrombectomy System



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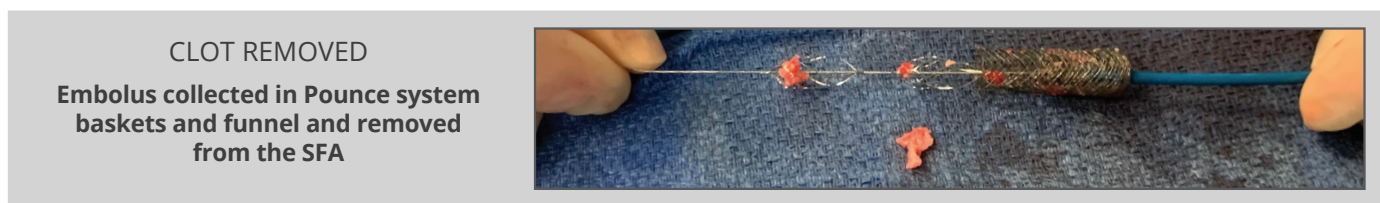
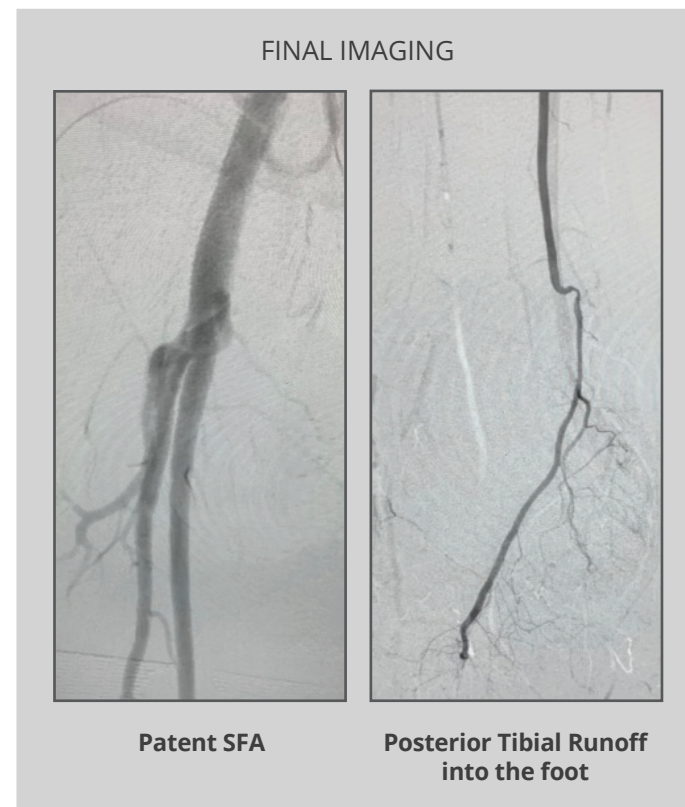
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Patient Presentation

- 46-year-old female presented with numbness and a cold right leg.
- Angiogram showed an embolus at the distal right CFA, occluding the profunda and SFA with a secondary embolus at the tibial trifurcation.

Procedure Overview

- Initial catheter directed thrombolysis performed with minor improvement in the SFA, popliteal and profunda. Tibial trifurcation showed no improvement after 48 hours.
- QuickClear™ Mechanical Thrombectomy System removed thrombus in the profunda, but failed to remove embolus in the SFA.
- Pounce™ Thrombectomy System baskets were placed in the mid SFA with the funnel in the distal CFA. The embolus was removed in one pass.
- Pounce system baskets were reinserted into the mid peroneal artery with the funnel located in the distal popliteal artery. The thrombus was removed in one pass.
- A final pass of the Pounce system baskets was made in the distal posterior tibial artery with the funnel located in the distal popliteal artery. The thrombus was again removed after one pass.
- Final angiogram showed patent profunda, SFA, peroneal, and posterior tibial arteries with runoff into the foot.



Conclusion: After thrombolysis and alternative technology were unsuccessful, the Pounce system was able to quickly and effectively remove the organized clot burden, helping to avoid additional tPA administration as well as providing a durable alternative to open embolectomy.



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