



















Recent RevCore Study in Review

Objective: Assess the safety and effectiveness outcomes of the novel mechanical thrombectomy catheter for patients with IST and restore stent patency.

Design: Multi-center, retrospective analysis from March 2023 to December 2023 Inclusion Criteria Endpoints

- Age 2 18 years
 Hiofemoral IST with at least 1 VLU
 Treated using the RevCore thrombectomy catheter
 at 1 of 4 enrolling centers between March 2023
 and November 2023
 o Mort
- Primary endpoint: postprocedural effective diameter > 50%
 Secondary endpoints: 30-day device-related major adverse events (MAEs)
 O Mortality
 O Mortality
 O Readmission
 C Clinically significant

Study Population: 44 patients with 12 VLUs secondary to IST treated using the RevCore thrombectomy catheter

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Baseline Characteristics

Characteristic	Patient N = 44 Mean ± SD, n (%), median [IQR]
Age (years)	54.8 ± 17.1
Female	23 (52.3%)
Bilateral IST	4 (9.1%)
Treated limbs	N = 48
IST Symptom duration, weeks	8.0 [2.0–104.0]
CEAP C ₆ disease	7 (14.6)
Treated stents	N = 65
Average effective diameter, %	20.2 ± 26.4
Average inner lumen area, mm ²	14.6 ± 25.2

haracteristic	Procedure N = 46 Mean ± SD, n (%), median [IQR]
hrombus removed, %	90 [60–90]
hrombectomy time, min	28.8 ± 13.5
hronic thrombus extracted	28 (84.8%)
reated stents	N = 65
Postprocedural effective diameter ≥50%	65 (100%)
Postprocedural average effective diameter, %	90.0 ± 9.7
Postprocedural average inner lumen area, mm ²	128.1 ± 56.3
Stent migration or entanglement	0 (0%)

Outcomes	Patient N = 44 Median [IQR], n(%)
Time to first follow-up, days	40.0 [29.0-62.5]
Mortality	0 (0%)
Readmission	0 (0%)
Pulmonary embolism	0 (0%)
Vessel Perforation	0 (0%)







Conclusions on RevCore for In-stent Thrombosis

- RevCore remains the only FDA-cleared device designed for in-stent thrombosis
- Promising efficiency and clinical outcomes. As with any device, more experience provides more learnings
- REVIT study (NCT06394739) is enrolling

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