

# A Comparison of Direct Aspiration vs. Stent Retriever as a First Approach ("COMPASS")



**Purpose:** To compare functional outcomes of direct aspiration first pass (ADAPT) vs. first line stent retriever (SFRL) approaches in the treatment of patients with cerebral large vessel occlusion.

**Trial Design:** Non-inferiority, prospective, open label, international, multi-center, blinded trial. N= 270. 1:1 randomization to thrombectomy with either ADAPT vs SFRL approach w/in 6 hours of onset of symptoms.

**Primary Endpoints:** % with mRS 0-2 @ 90-day for functional outcome (non-inferiority)

90 days	ADAPT	SFRL	P value
Functional outcome: % with mR 0-2	52%	49%	0.0014

Functional outcomes were equivalent (non-inferior) with direct aspiration and stent-retriever.