High Limb Salvage Rate and Improved QoL Following
Aspiration Thrombectomy with Indigo for LE ALI:
365-day Results from the STRIDE Study

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Presenter's Disclosures

• Consultant for Penumbra. National PI of STRIDE

Objective: Collect safety and performance data on the Indigo Aspiration System in a patient population with lower extremity acute limb ischemia (LE-ALI)

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16 sites (13 US, 3 EU)

119 patients (55 female, 64 male)

Primary safety endpoint:

• Target limb salvage (TLS) at 30 days post-procedure Key secondary safety and performance endpoints:

• Technical success, patency at 30 days, TLS at 365 days, periprocedural major bleeds, mortality at 365 days

Indigo Aspiration System
Computer Assisted Vacuum Thrombectomy (CAVT) with Lightning

Penumbra ENGINE® pump with Lightning Aspiration Tubing

• Continuous aspiration when engaged in thrombus
• Intermittent aspiration in patent vessel to minimize blood loss
In the STRIDE Study, Lightning was used in 43.7% (52/119) patients.*

Key inclusion criteria

• Acute (≤14 days) occlusion of lower limb artery(ies) (below inguinal ligament)

• Rutherford Category I, Ila or Ilb score

• Firstline treatment with Indigo Aspiration System

•≥18 years old

Key exclusion criteria

• Target vessel size <2 mm

• Amputation in the ipsilateral limb

• Target thrombus in a saphenous vein bypass graft

• Absolute contraindication to contrast administration

• Life expectancy of <1 year

























