

Combined Thrombolysis , suction and open aorto-iliac thrombectomy

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Disclosure

Hussien Rabee, MSc, MD,FRCS

X I do not have any potential conflict of interest

- Acute Thrombosis/Embolism.
- Thrombectomy, Thrombolysis, **Suction**

MECHANICAL CLOT ENGAGEMENT

Proprietary Separator Technology

MAXIMISED ASPIRATION POWER

Large Lumen Aspiration

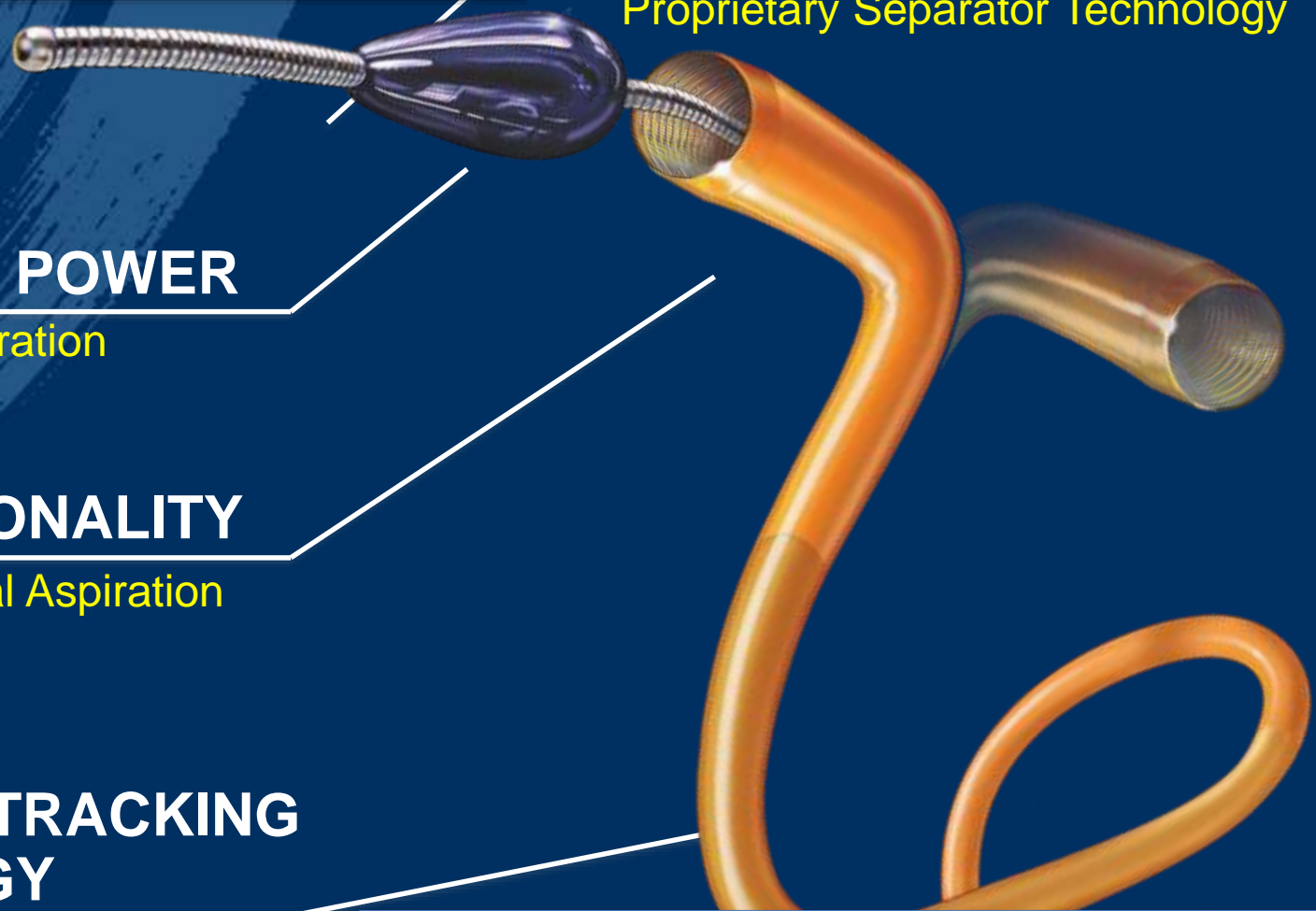
TIP DIRECTIONALITY

For Circumferential Aspiration

ADVANCED TRACKING TECHNOLOGY

Multiple Materials Transitions

- **Indigo Penumbra:**
 - ❖ Vacuum Based Suction
 - ❖ Catheter, Separator, Aspirator



- Acute lower Limb ischaemia.
- SMArt Centre, Countess of Chester H.
- July 2017 and June 2018.
- **Treated with the Indigo Penumbra system.**

Results

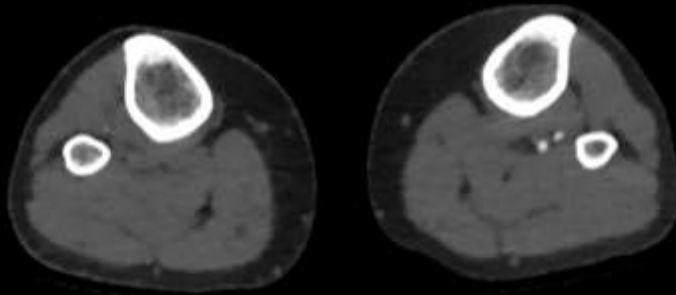
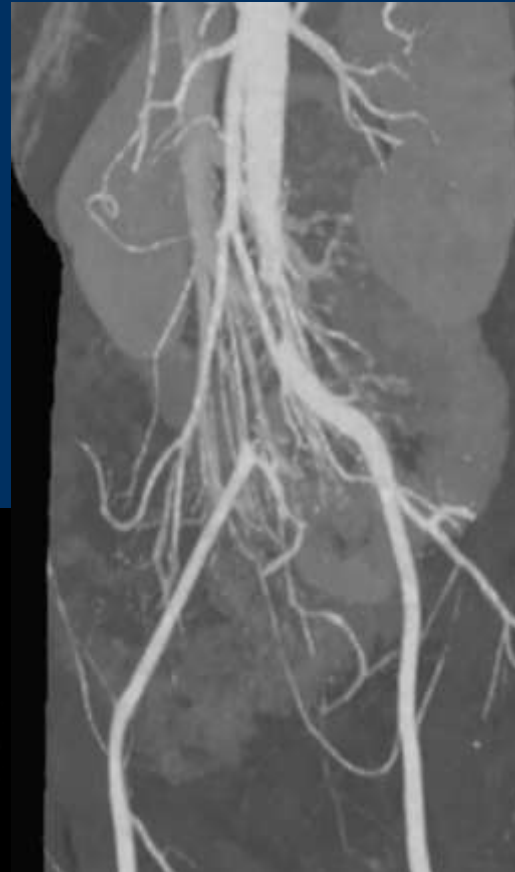
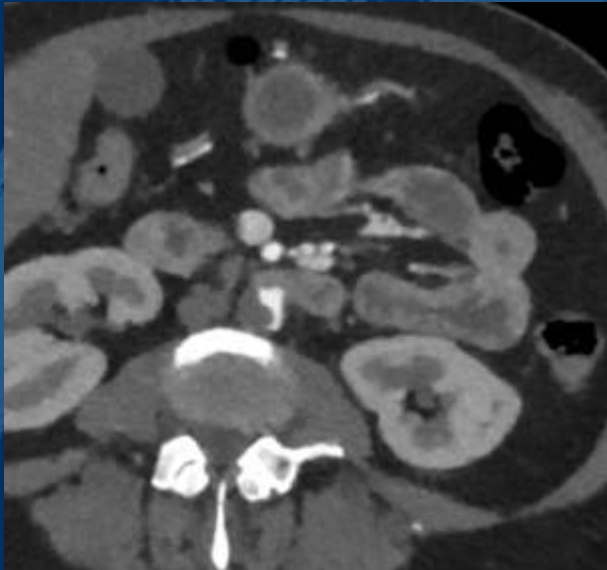
- **28 consecutive patients.**
- 16 males, median age 63 (range 34-87)
- 17 previous vascular intervention.
- 24 thrombotic, 4 embolic.
- 8 impaired sensation, 2 motor 2 tender calf.
- Duration:
 - 10 within 3 days, 9 between 3-7 days.
 - 3 between 1-2 weeks, 7 > 2 weeks.
- Alone or combined:
 - Thrombolysis, angioplasty, stenting.
 - 15 combined thrombolysis.
- 3 popliteal, 2 stents, 1 thrombosed graft
- 17 HDU (median 2 days).
- **20 technical success.**
- **30 days amputation free 21 (75%).**

47 y lady

PMH: splenic vein thrombosis 18/12.

C/O Acute severe right leg ischemia:

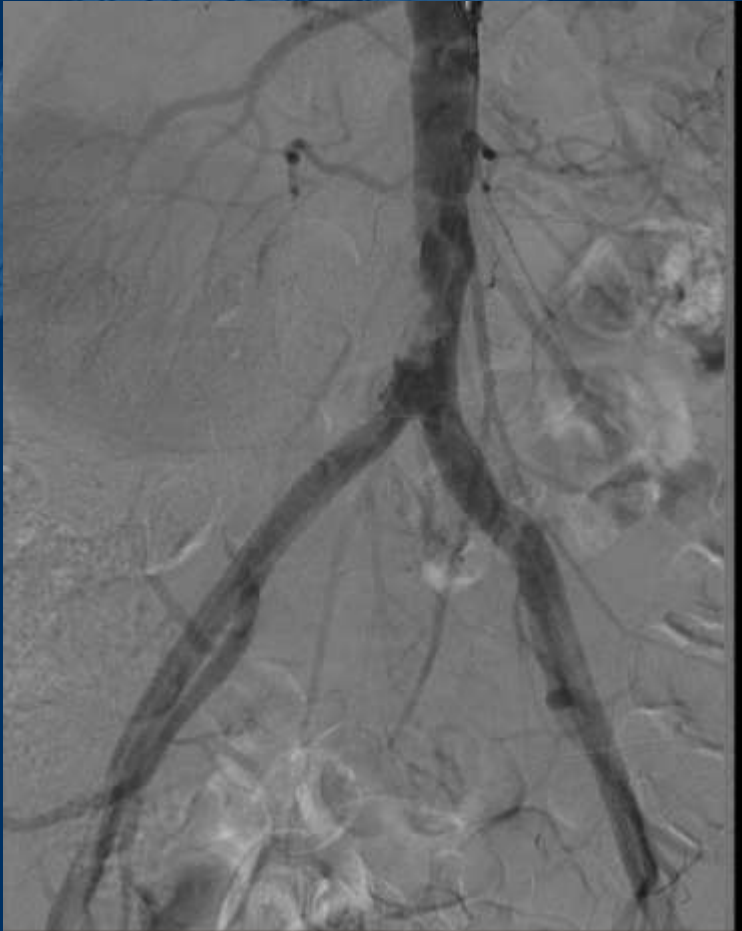
- impaired sensation & motor power



Pre Penumbra

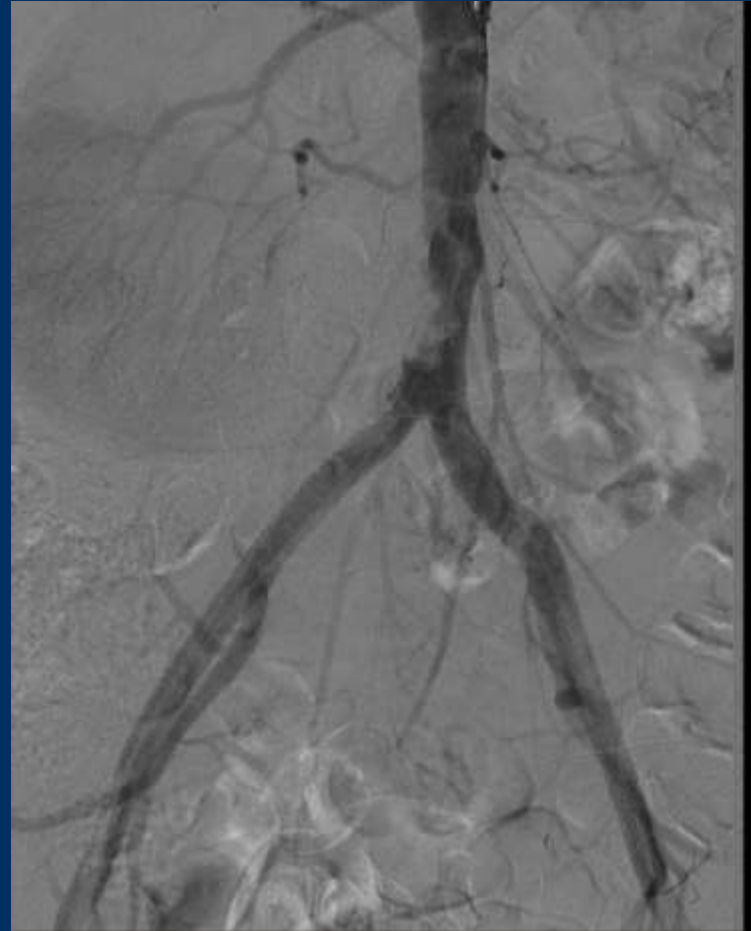


Post Penumbra



Post Penumbra

Clinically:
Dramatic improvement





Aortic Endarterectomy



THANK YOU

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