Advantages Of The Indigo Thrombectomy Device For Treating ALI: How Does It Work And Why Does It Get Fresh And Old Clot Out More Effectively Than Other Systems

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Current Treatment for ALI

Catheter Directed Thrombolysis
Pharmacomechanical | TPA + Device
Manual Aspiration
Mechanical Thrombectomy
Open Surgery
Amputation

Limitations of Current Treatment

TPA
• Extended hospital stay
• Risk of bleeding complications

EKOS
• Extended hospital stay
• Risk of bleeding complications
• No studies to show improved effectiveness over CDT alone

AngioJet
• Risk of hemolysis and hemoglobinuria
• Limited Trackability
• Distal emboli
• Limited aspiration power
• Time limit

Lytic Disaster

Indigo System

• Aspiration Catheters in 4 sizes - CAT3,5,6 & 8
  • Design and materials used are meant to withstand vacuum pressure and will not collapse
• Max Pump provides -29 mmHg of continuous vacuum
• Proprietary separator technology to clean the catheter lumen for continuous aspiration

Disclosures

• None
Now with LARGER Sizes MORE ASPIRATION Power & VENOUS Indication!

Increased Size = MORE POWER

Indigo Advantages

- Superior trackability
- No lytics required
- Reestablish flow quickly
- 60 times more aspiration power than Angiojet
- No time limit
- Simple set-up

1 JCVS 2015;56:393-400, Yamada et al, Advantages of Indigo mechanical thrombectomy for AIS: device and technique
2 Data on File at Penumbra
Different Clot Morphologies

- Distal Emboli
- A-fib clot
- Residual clot post lysis
- Clot pre lysis
- Post-surgical patients

Can be used anytime
&
Still have all your other options open

My First Experience

Last Sunday

- 64 y/o with history of left Fem Pop with PTFE presents with ALI
- Stroke 3 weeks earlier
Most Recent Experience

Conclusion

• It Works.