28 year old male k/c of rectal cancer.
- Post sigmoid loop colostomy 2016 and Chemoradiotherapy
- Portacath inserted in January 2018
- In 2019, aborted abdominopelvic resection due to frozen pelvis.
- Day 5 post OP, Severe facial swelling and upper arms swelling. SVC syndrome. On heparin infusion, not responded.

Case presentation

Endovascular treatment
- Left brachial vein access, 9Fr sheath was inserted.
- Angiogram showed thromboses left subclavian vein, left brachiocephalic vein and SVC
- The wire successfully crossed the thrombosis, 6mg t-PA was infused within the thrombosed veins.
- 10 minutes later, 8Fr penumbra indigo system was inserted, 80% of thrombus was aspirated with Pneumbra.

CT scan showed left brachiocephalic and SVC thrombosis

Result
- Immediate response clinically, with resolved facial swelling on next day, discharged two days later with low dose prophylactic anticoagulation for 3 months

Conclusion
- Penumbra indigo device showed an effective response for acute thrombosis in critical location.

References
SAAB, F., PARK, J. H., VADLAMUDI, V., FAKHIR ELMASRI, M. D., & EZELL ASKEW JR, M. D. Indigo® System for Thromboembolic Disease.