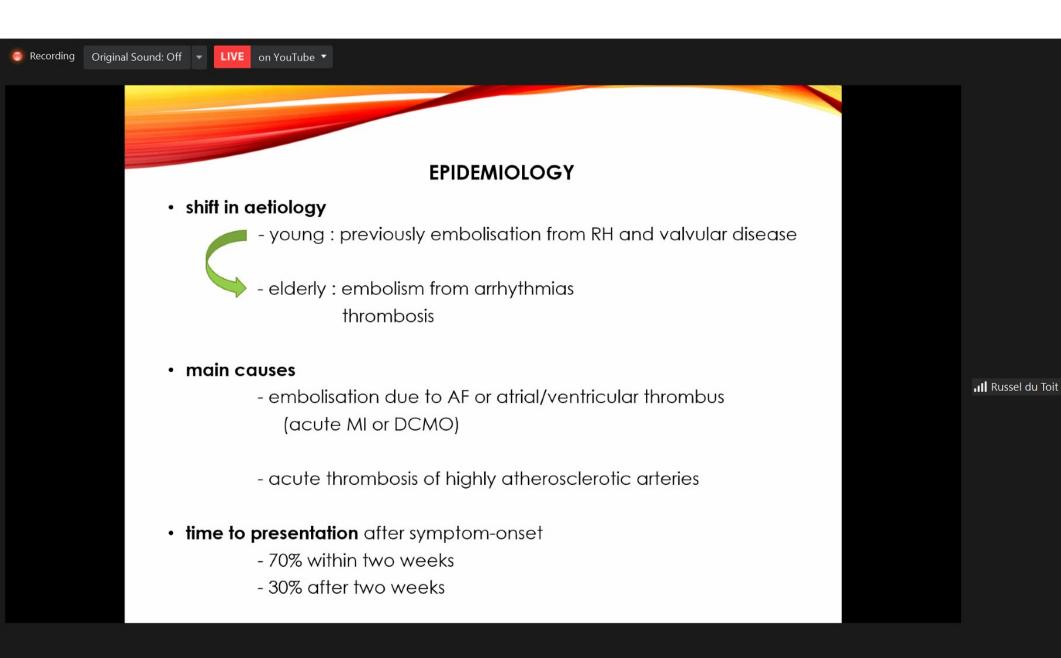


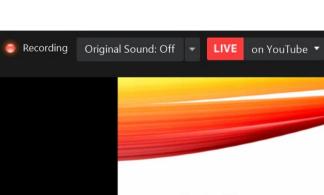


## **EPIDEMIOLOGY**

- shift in aetiology
  - young: previously embolisation from RH and valvular disease
  - elderly : embolism from arrhythmias thrombosis
- main causes
  - embolisation due to AF or atrial/ventricular thrombus (acute MI or DCMO)
  - acute thrombosis of highly atherosclerotic arteries
- time to presentation after symptom-onset
  - 70% within two weeks
  - 30% after two weeks



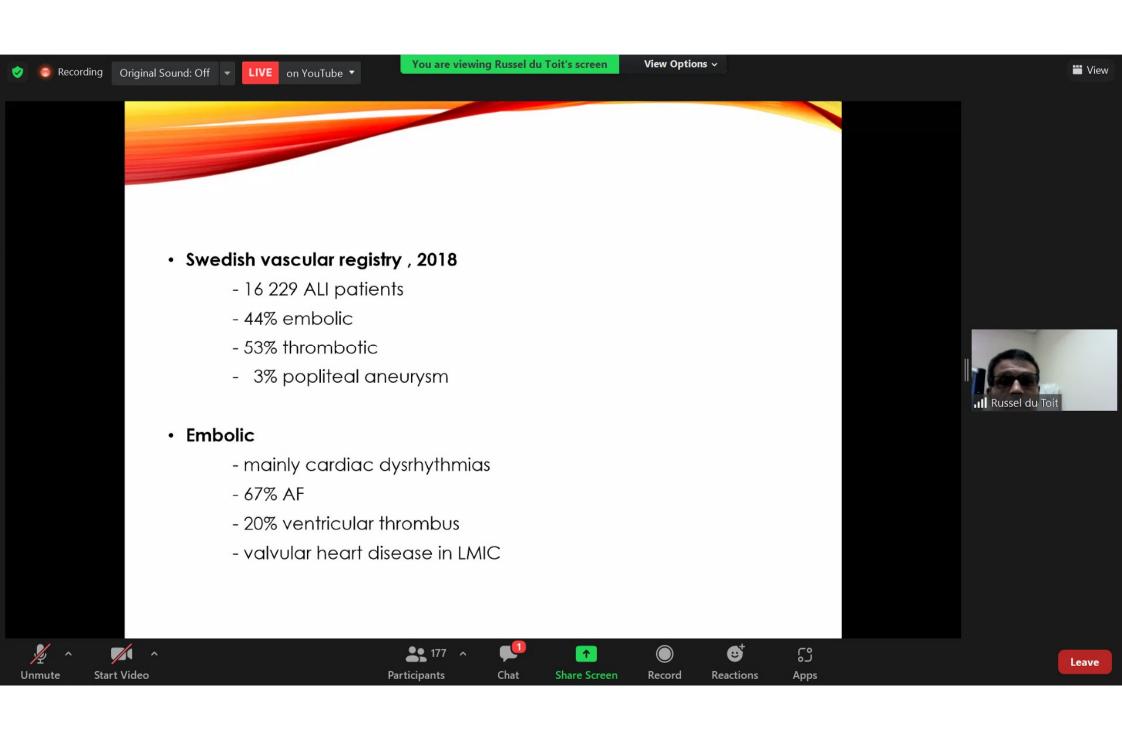


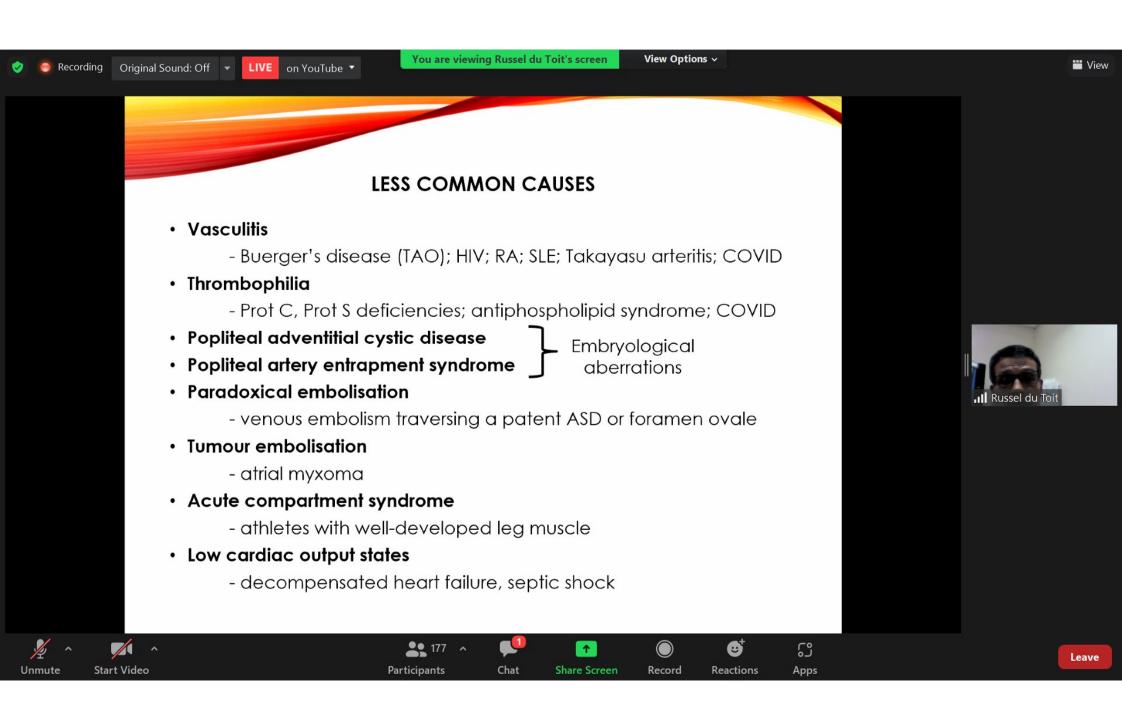


## **CAUSES**

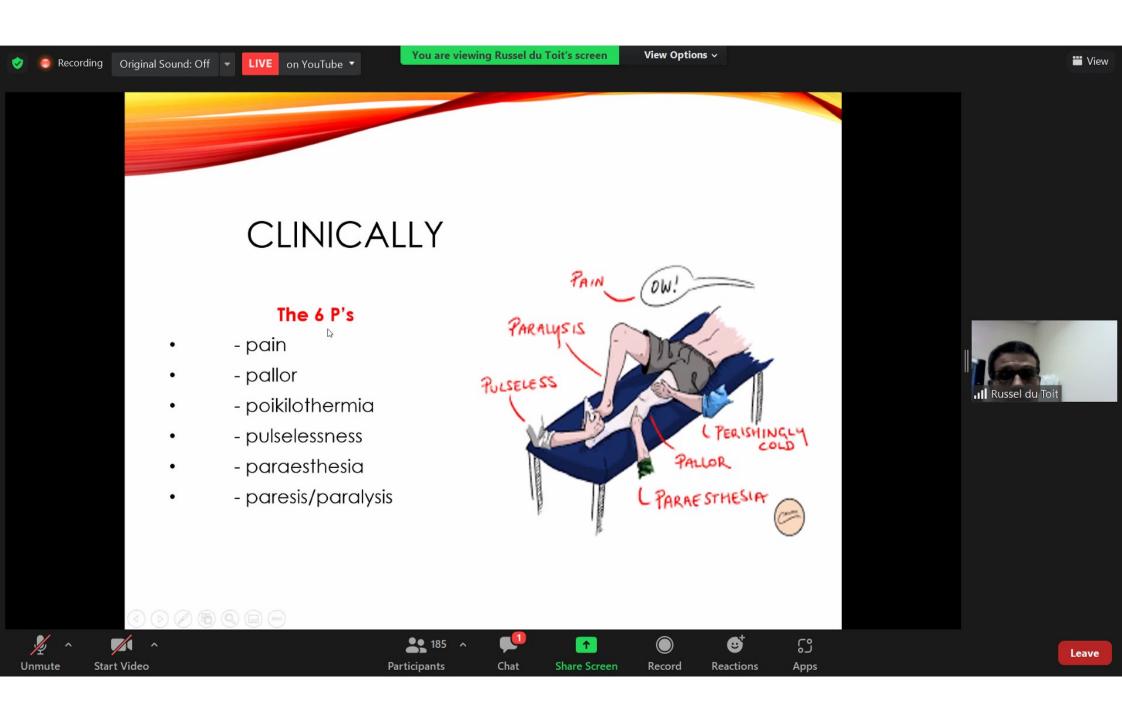
- Embolism
  - cardiac (80%)
  - arterial (arterial plaque, aneurysm thrombus eg AAA)
- Thrombosis
  - native artery
  - peripheral aneurysm (eg popliteal aneurysms)
  - vascular graft
  - vascular stent
- Acute arterial dissection (malperfusion)
- Trauma
  - blunt (eg knee dislocation)
  - penetrating (stab/GSW)
- latrogenic
  - venous/arterial catheterisation
  - surgery in proximity to arteries

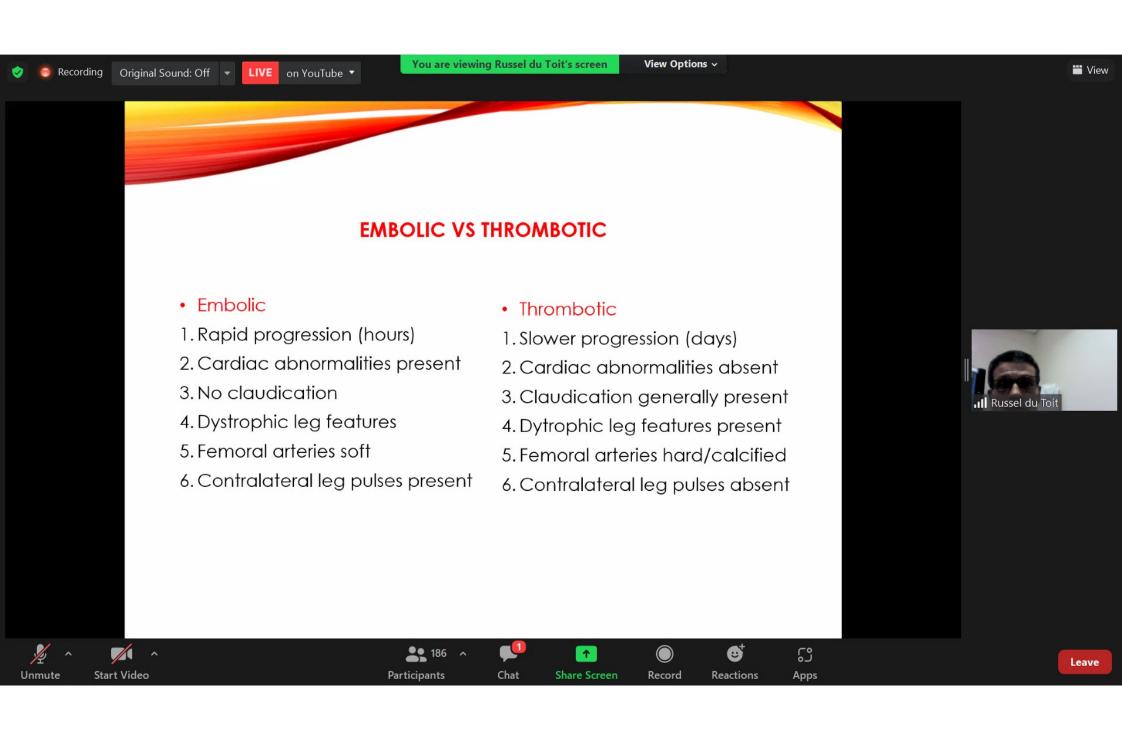


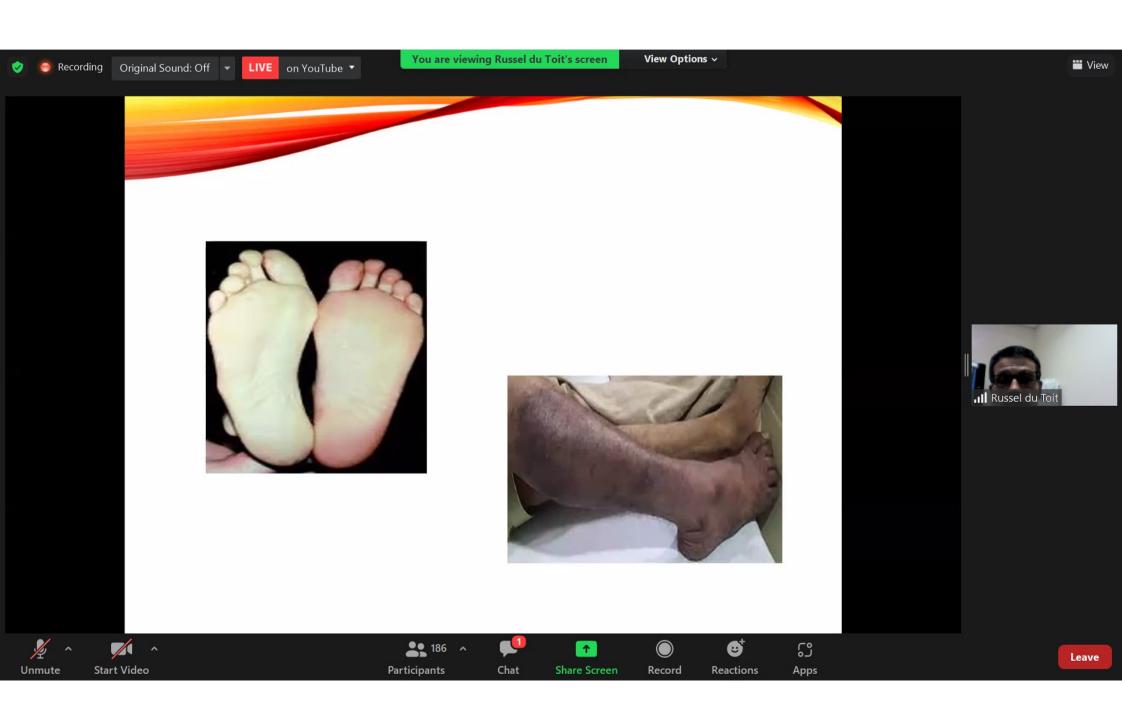






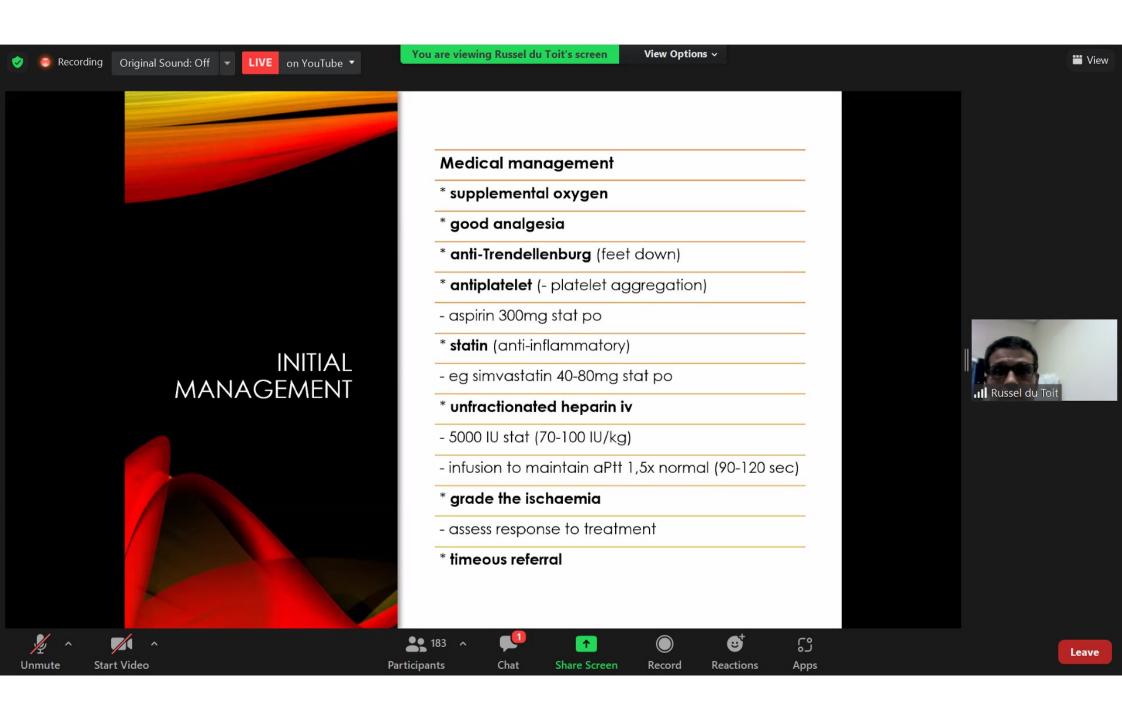




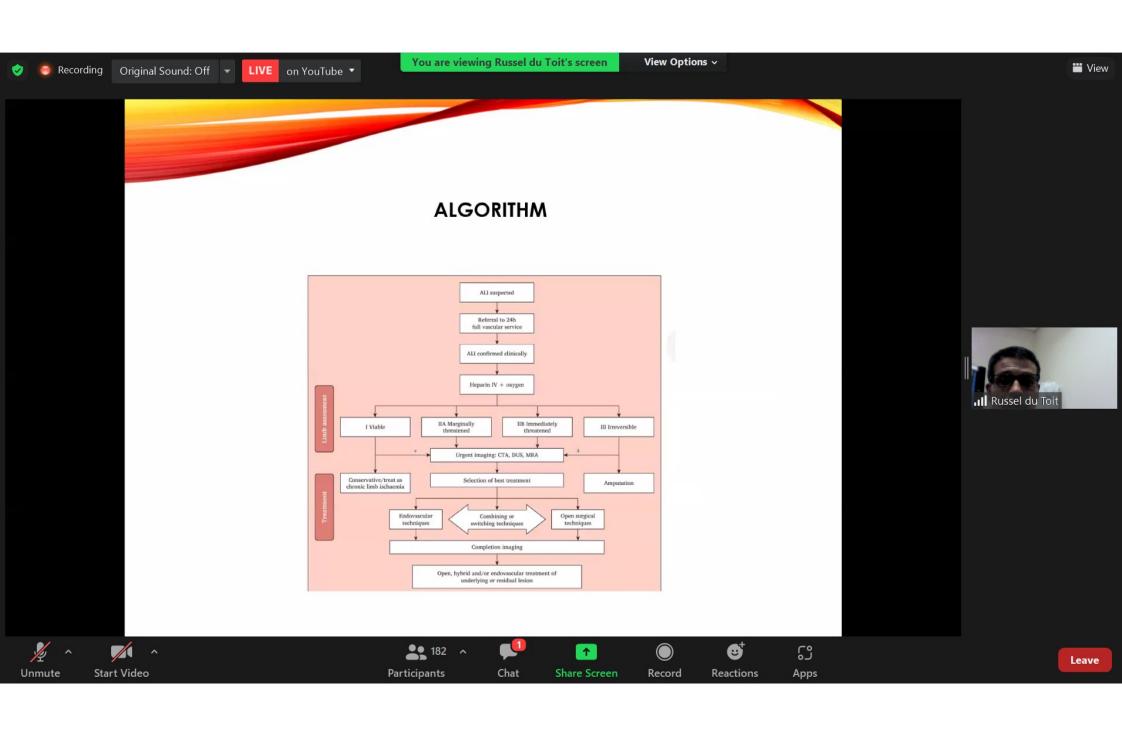


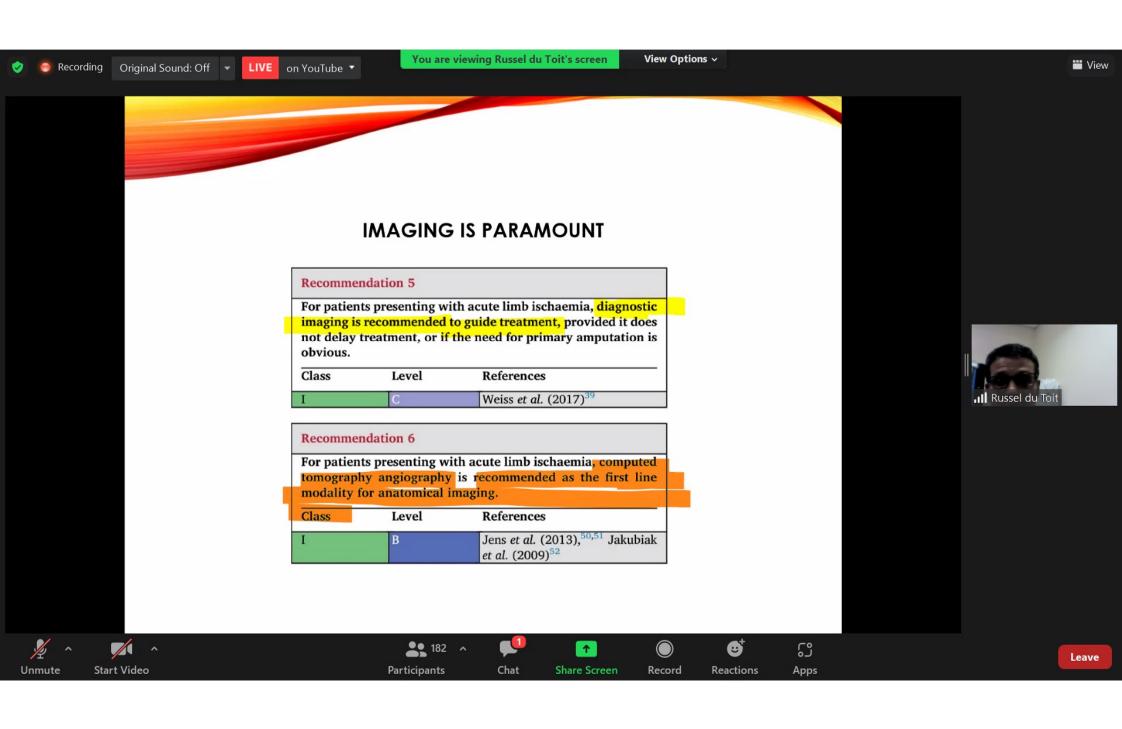


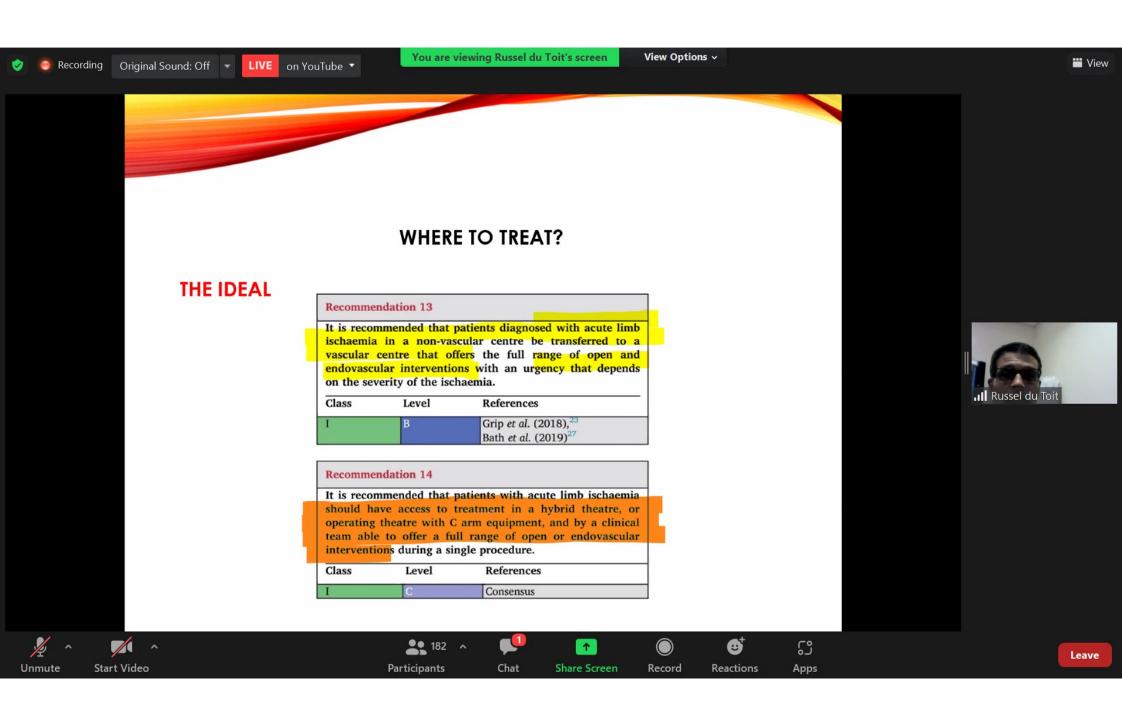


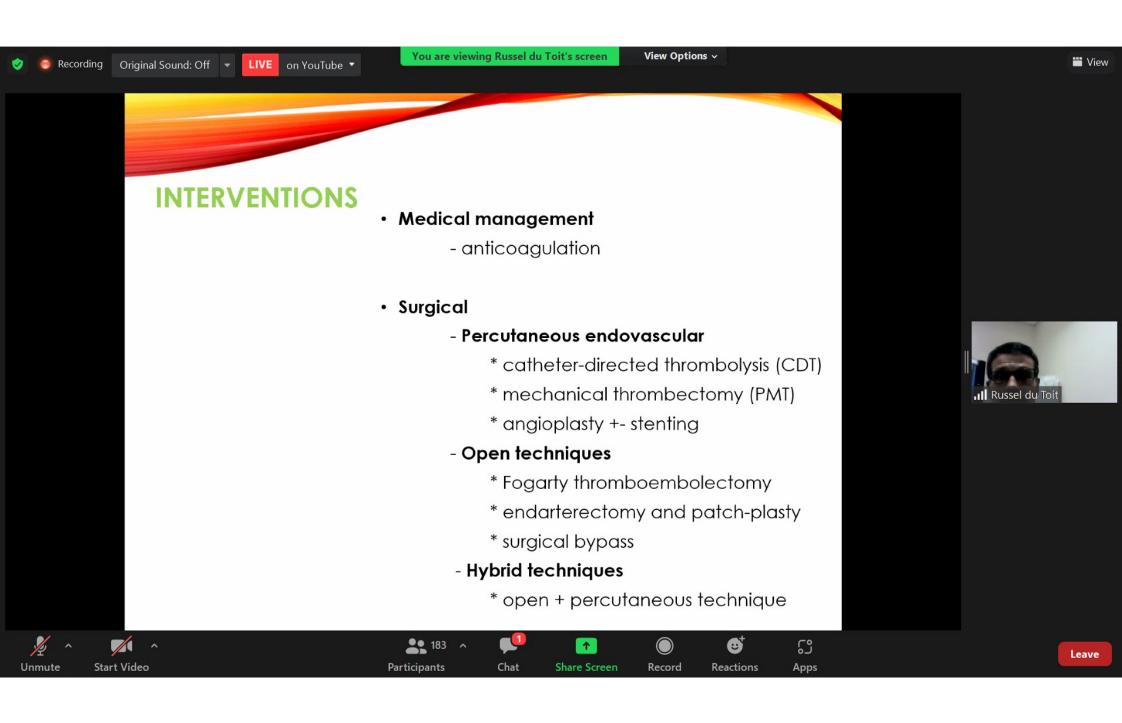


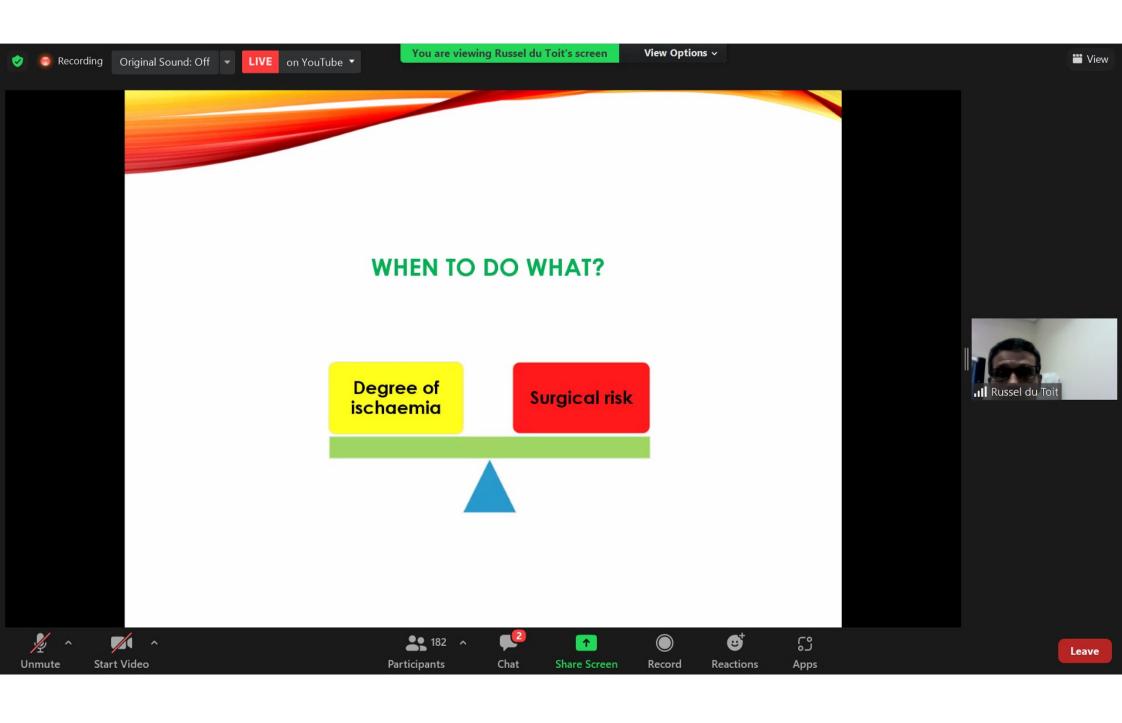




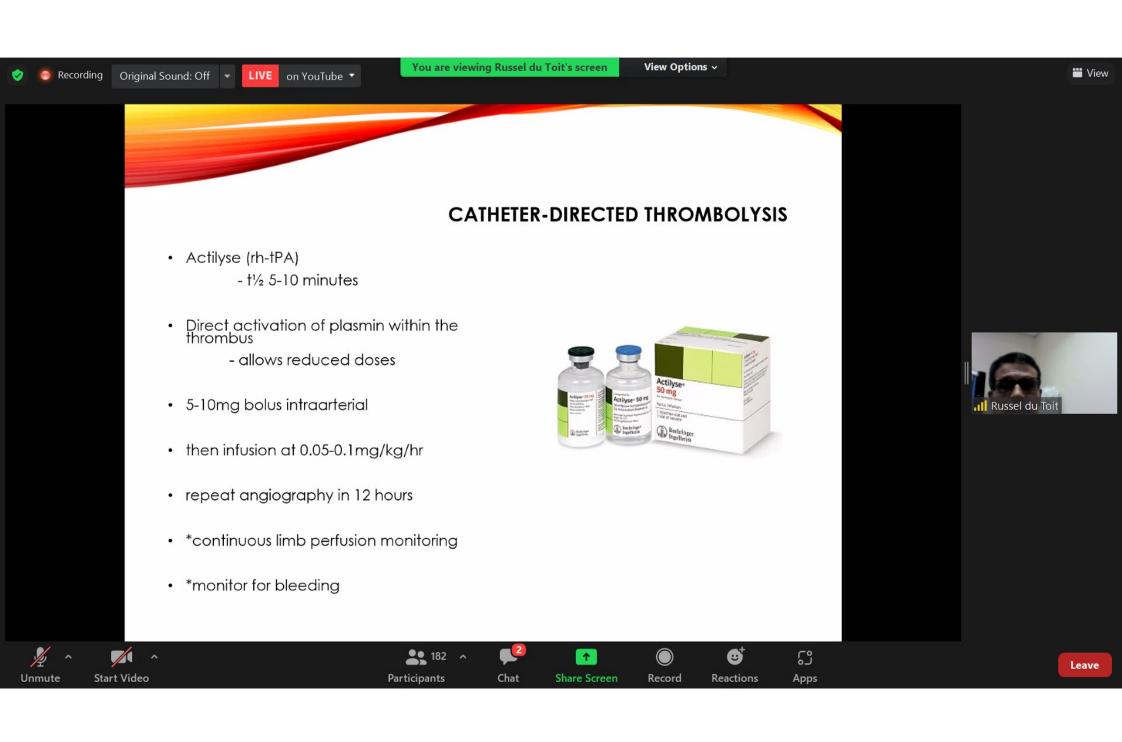




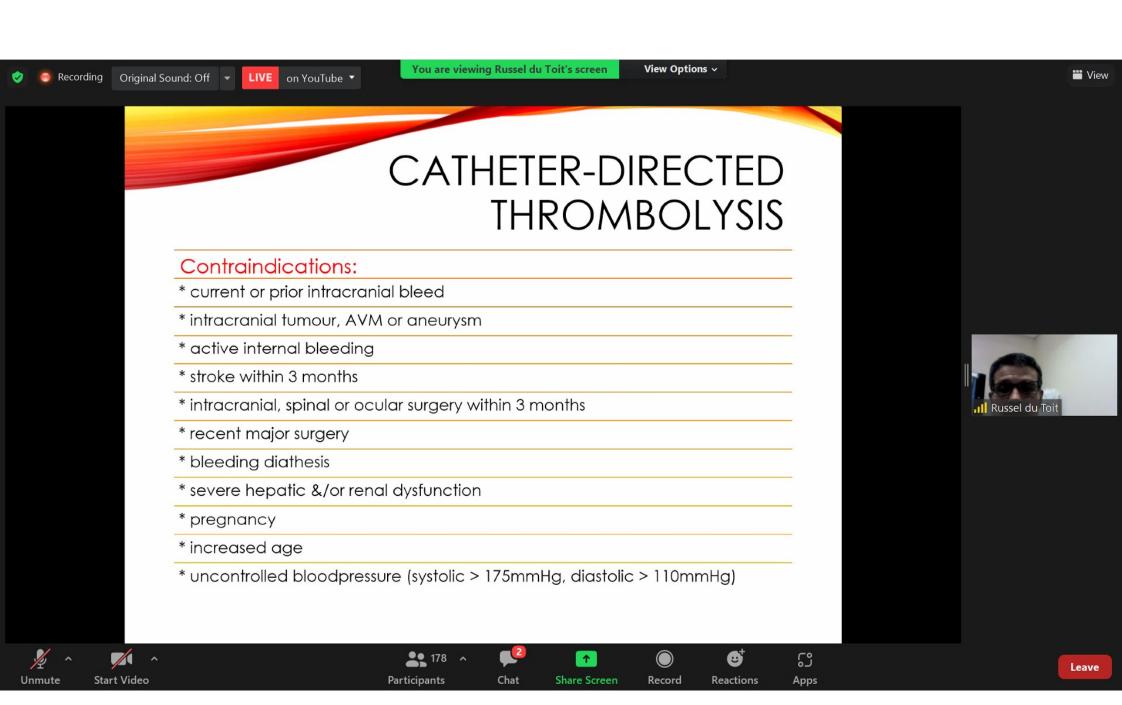


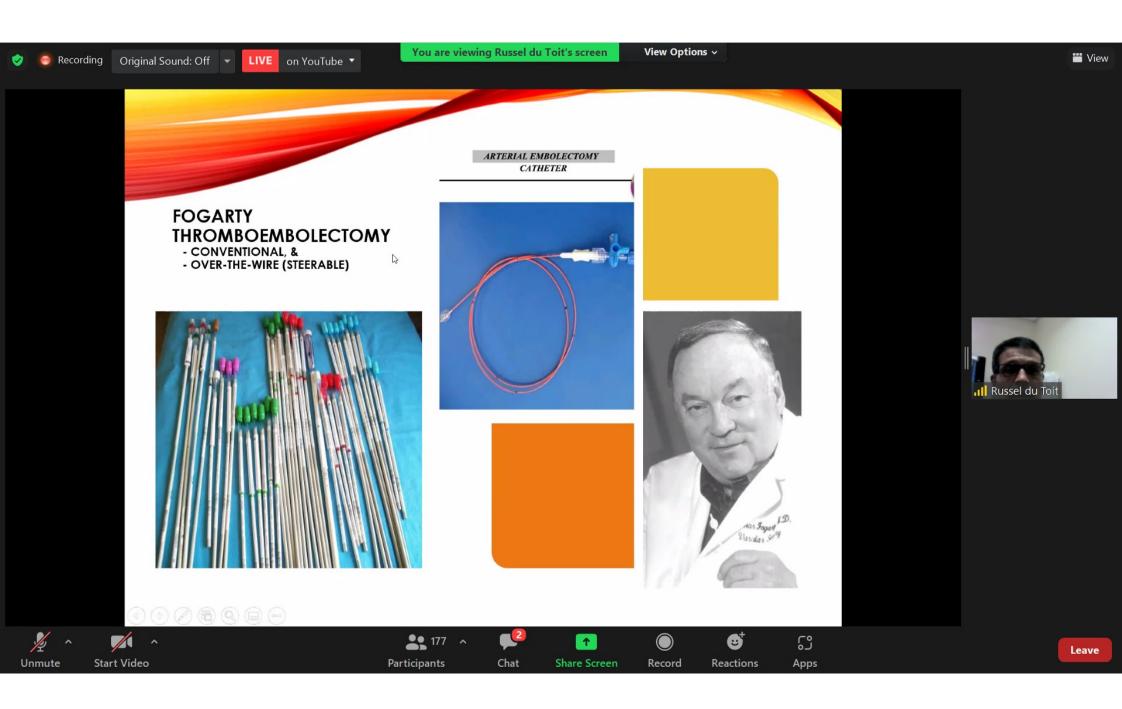


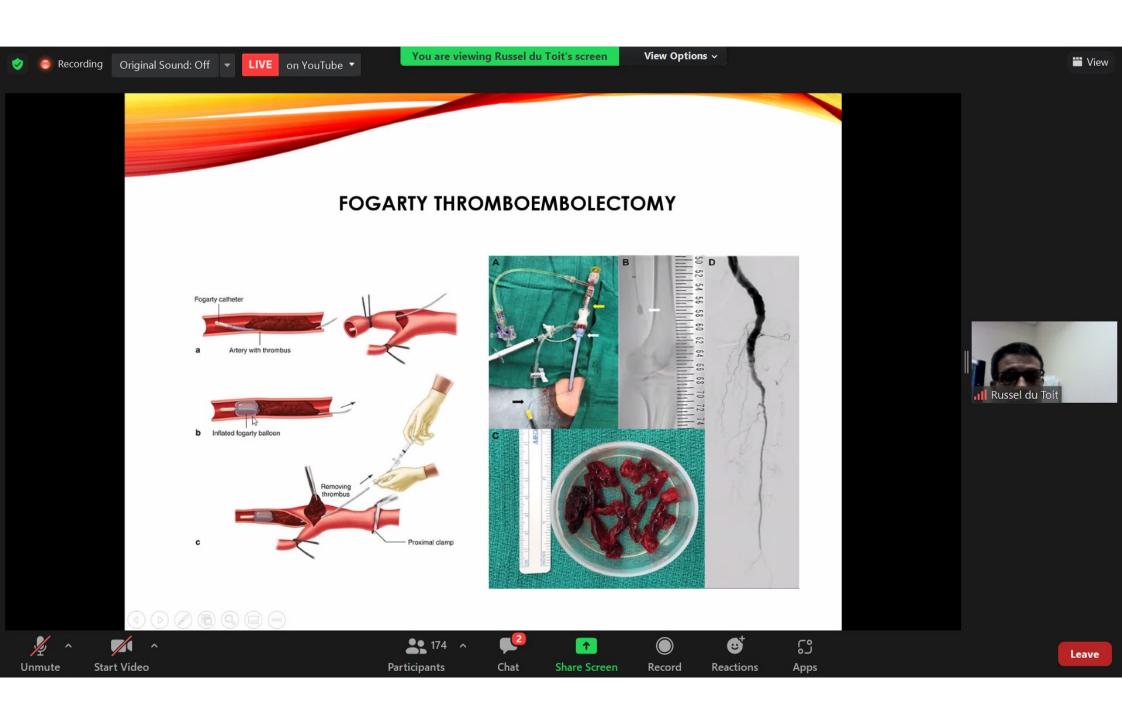


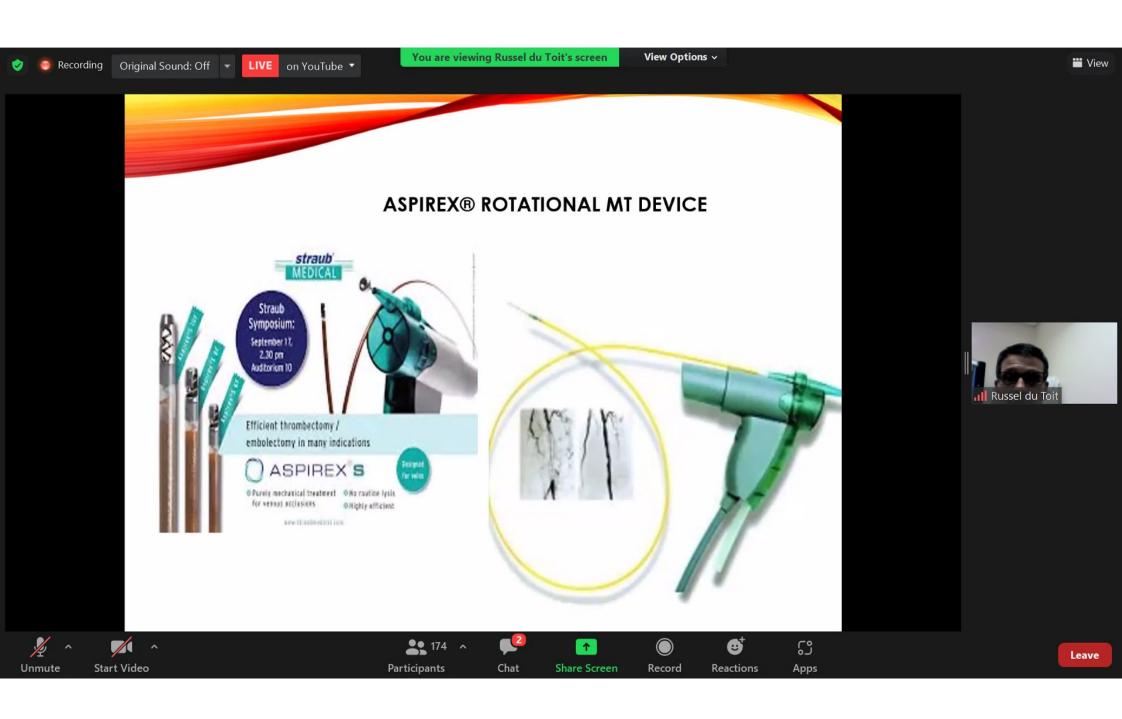


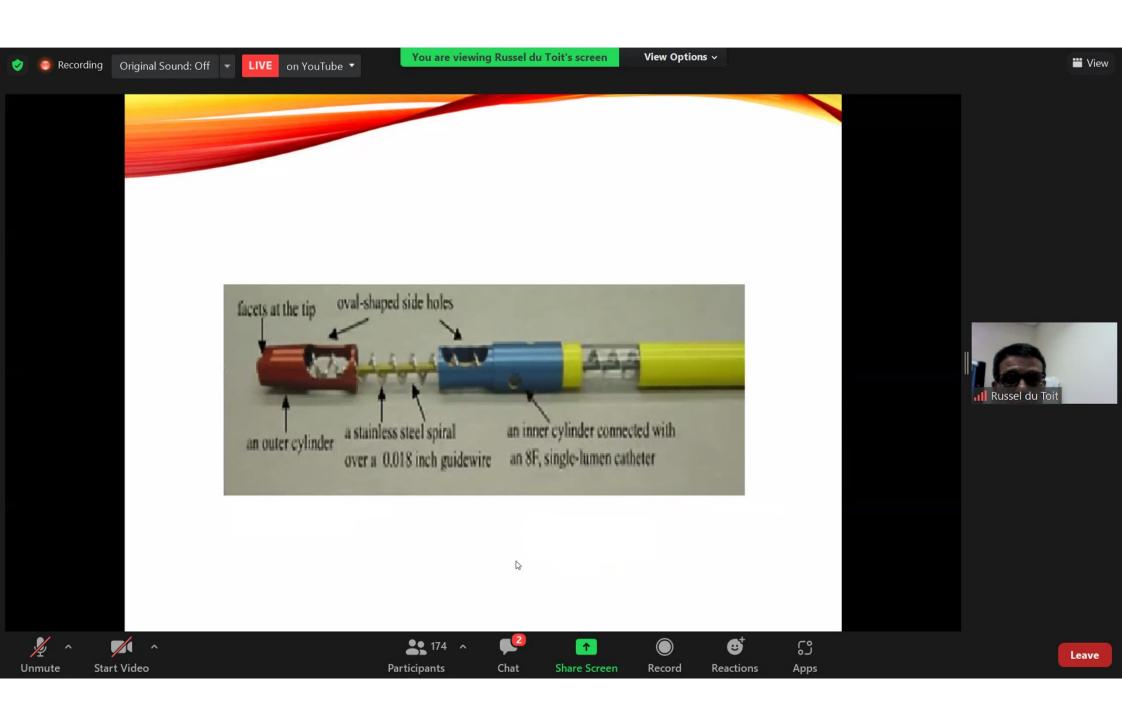


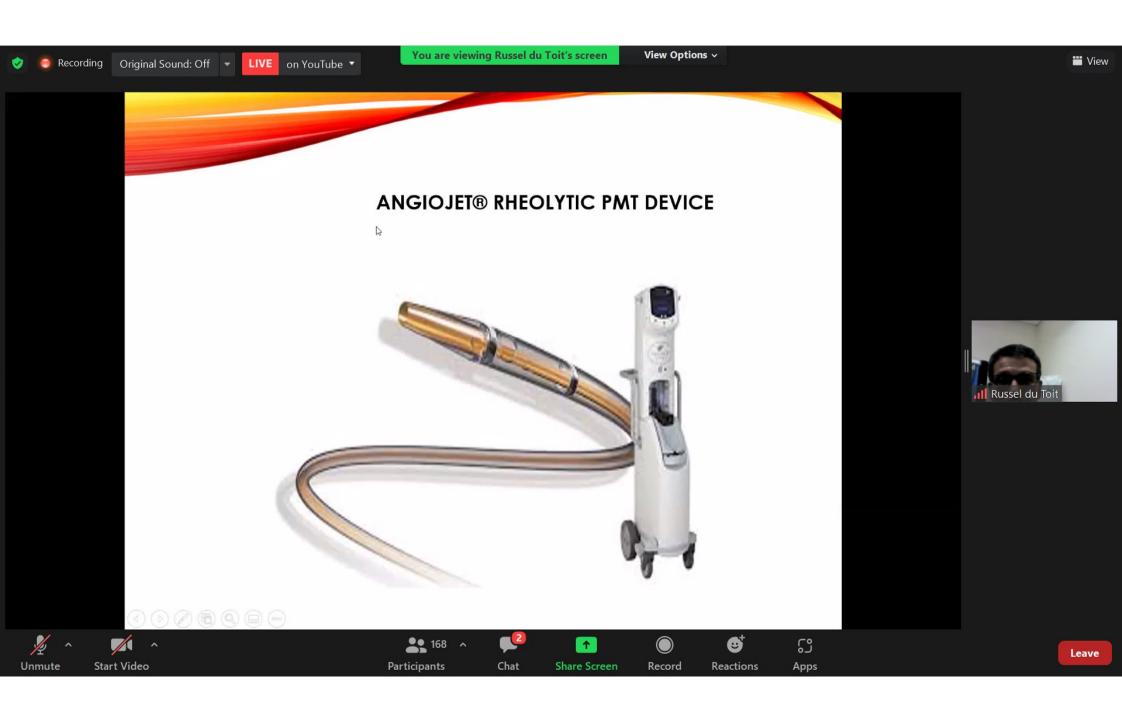




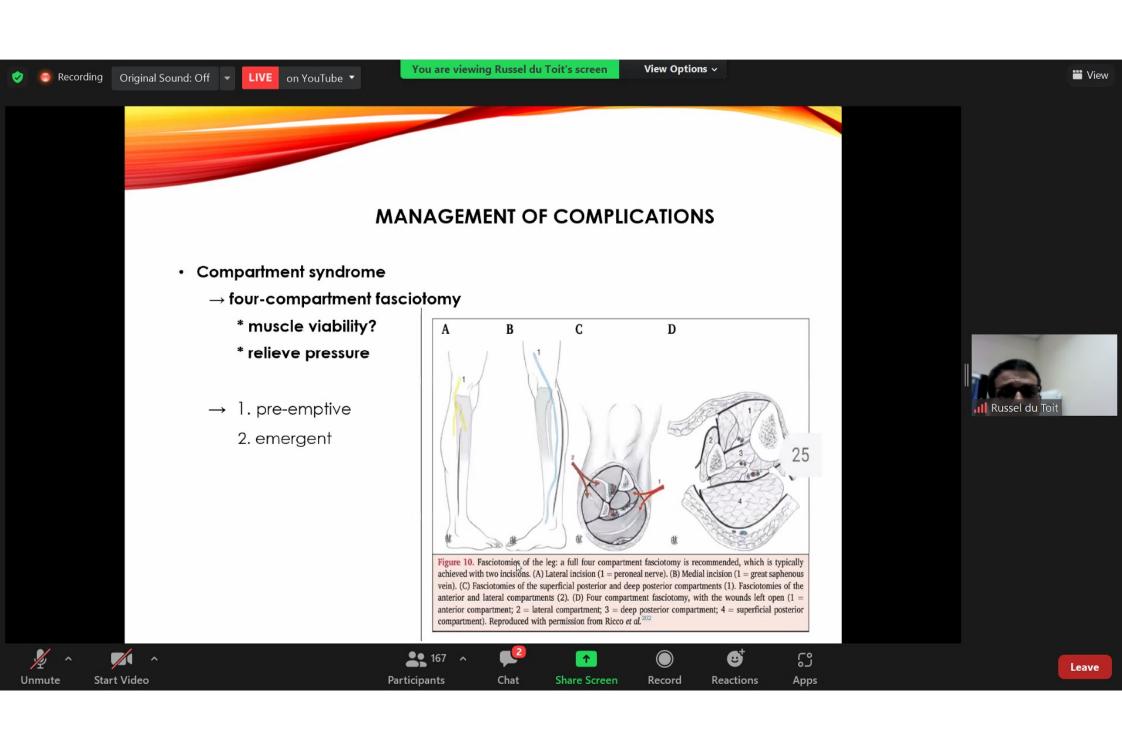


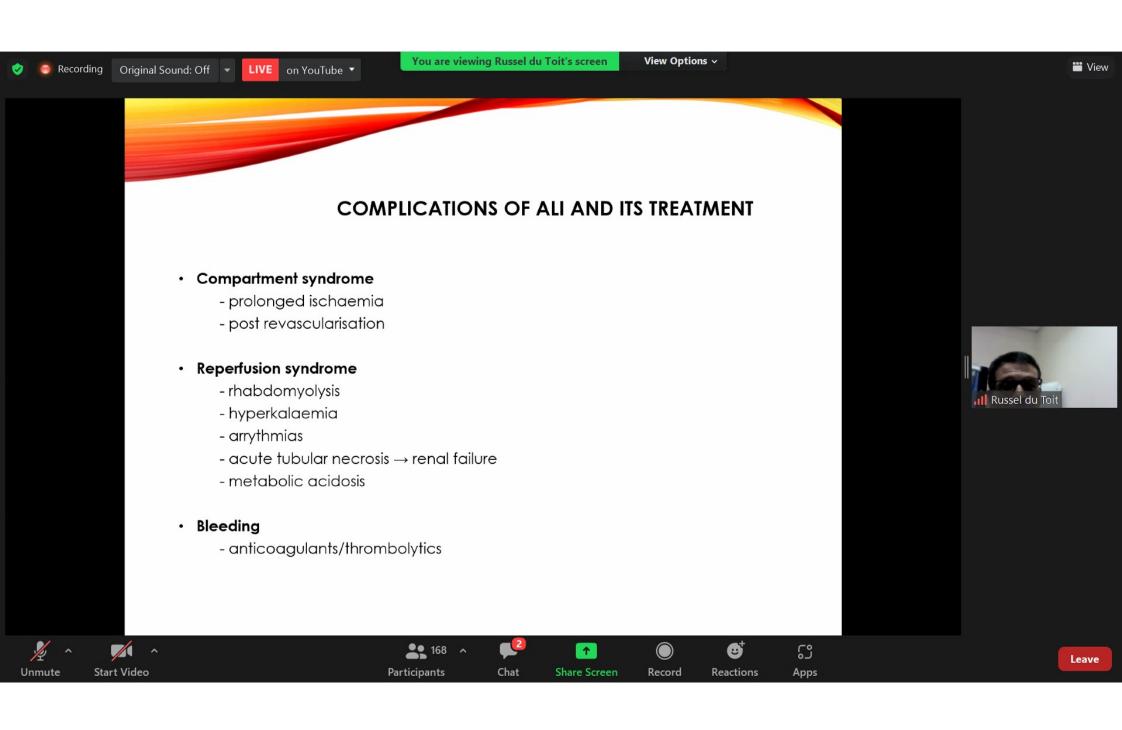


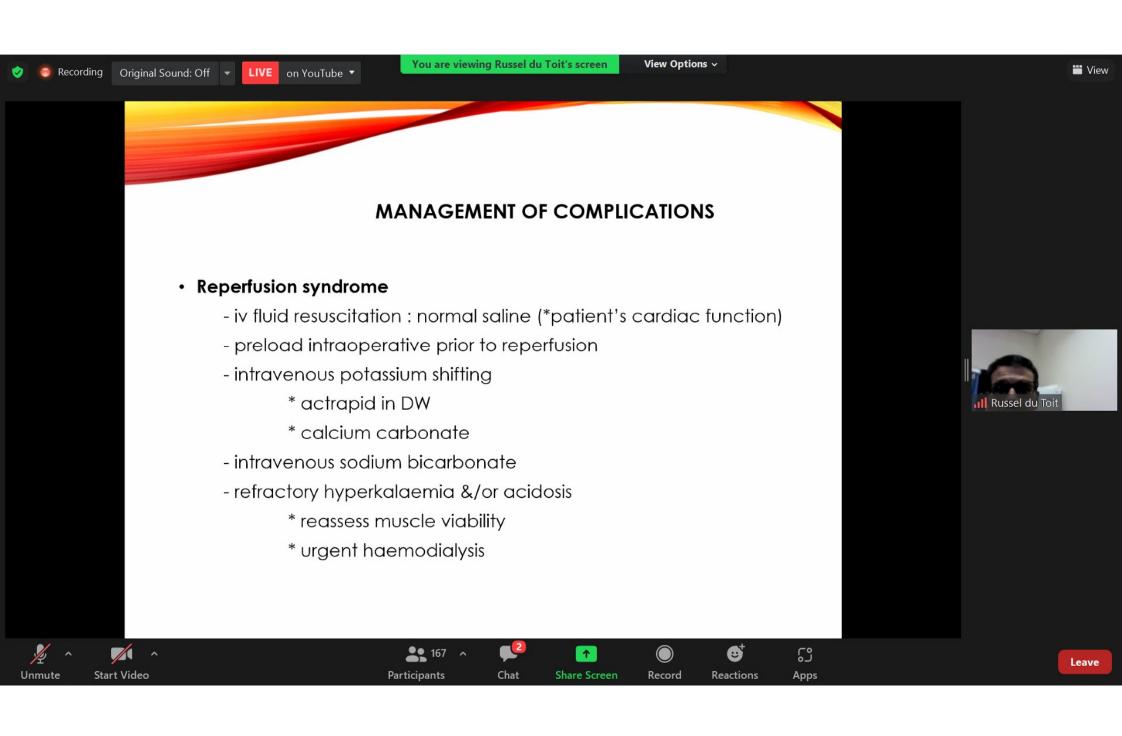


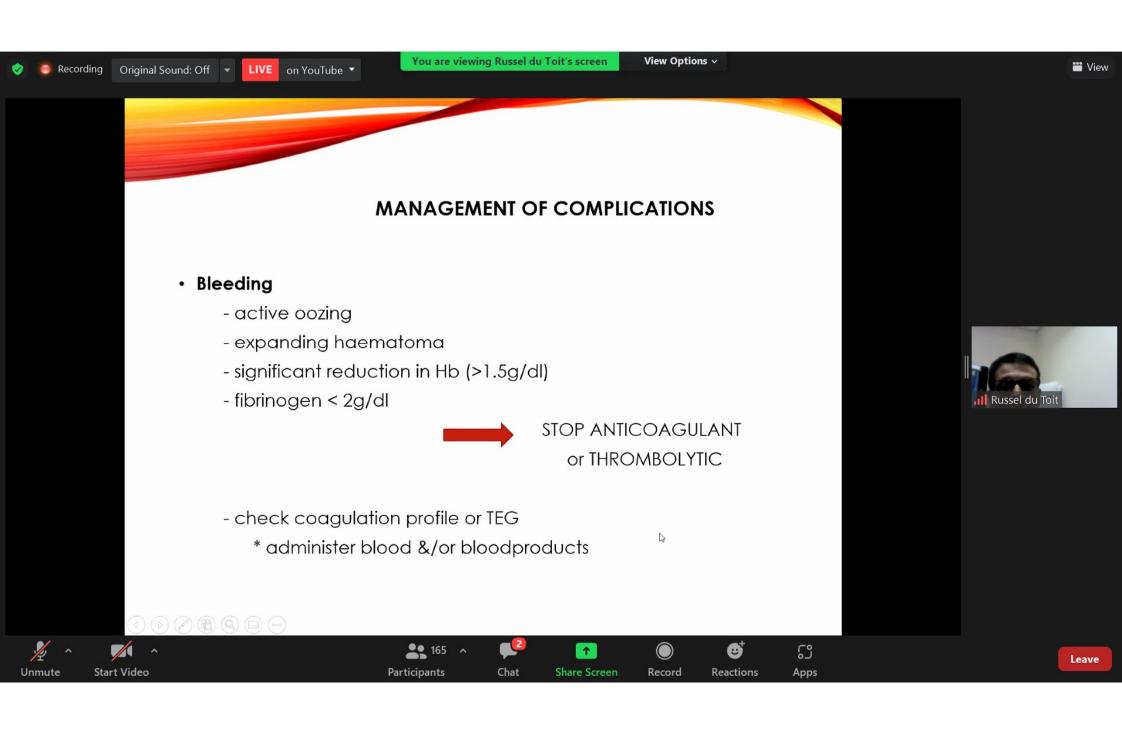


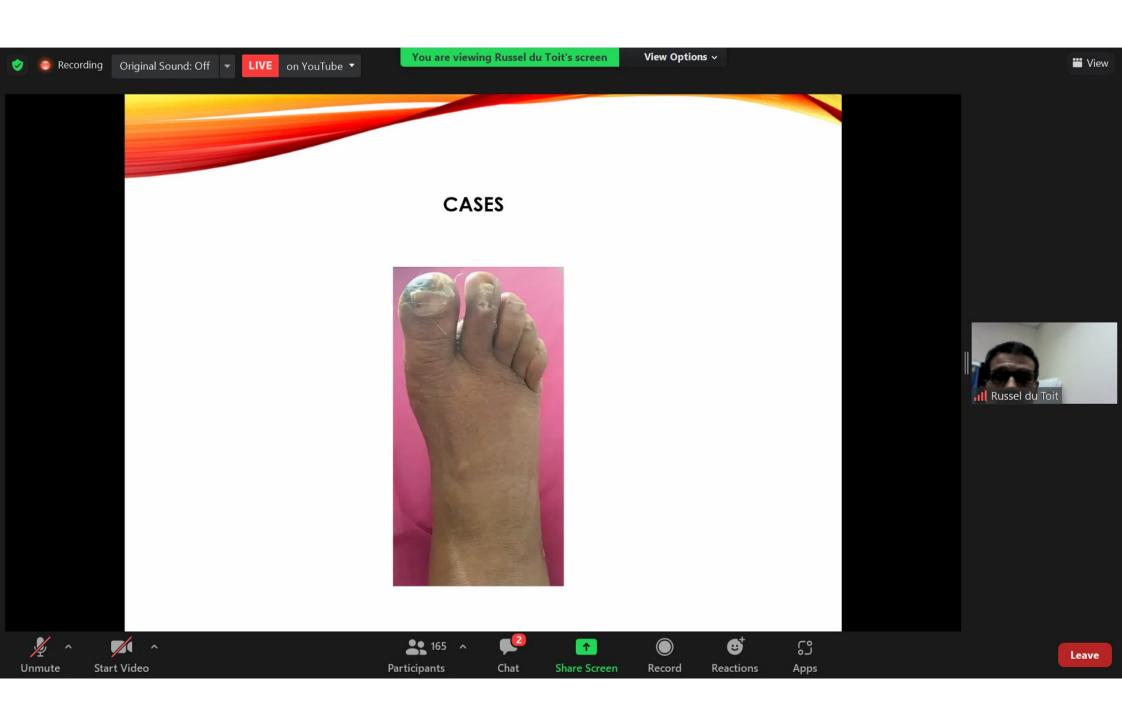


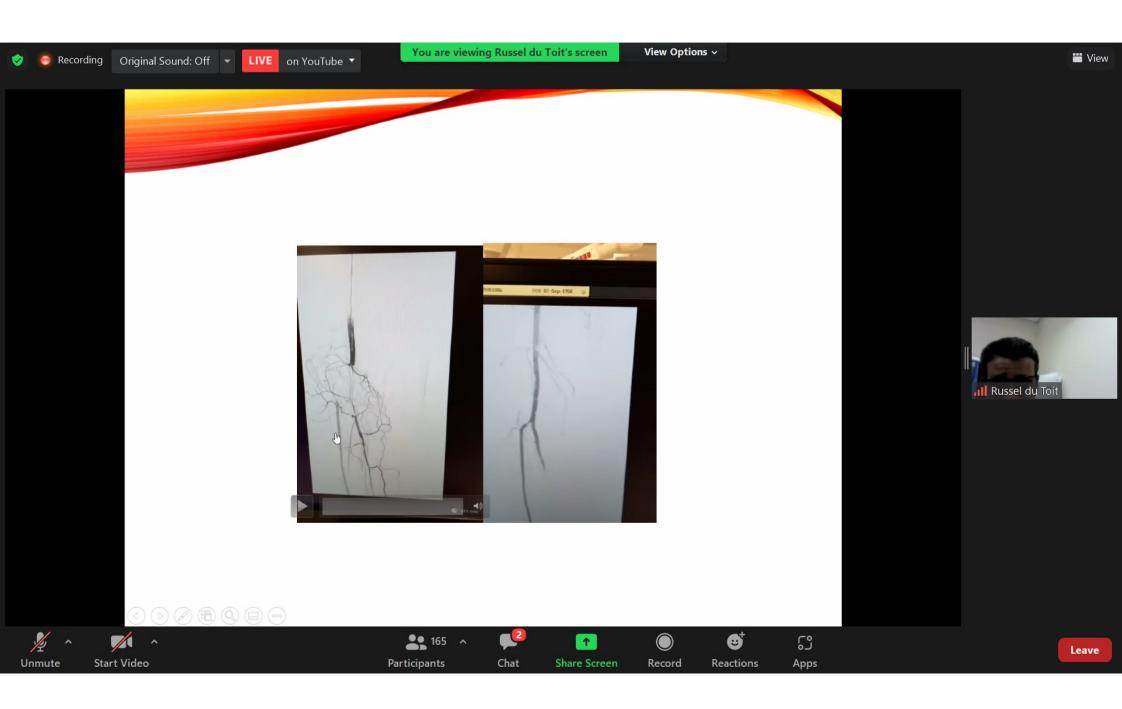


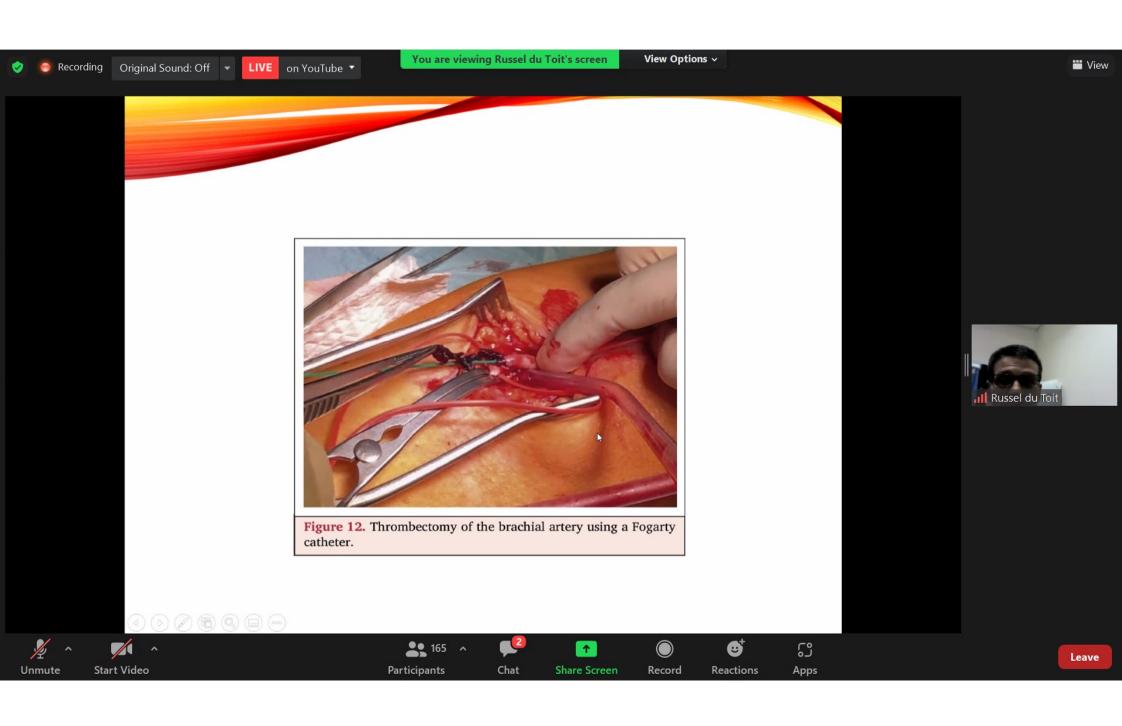


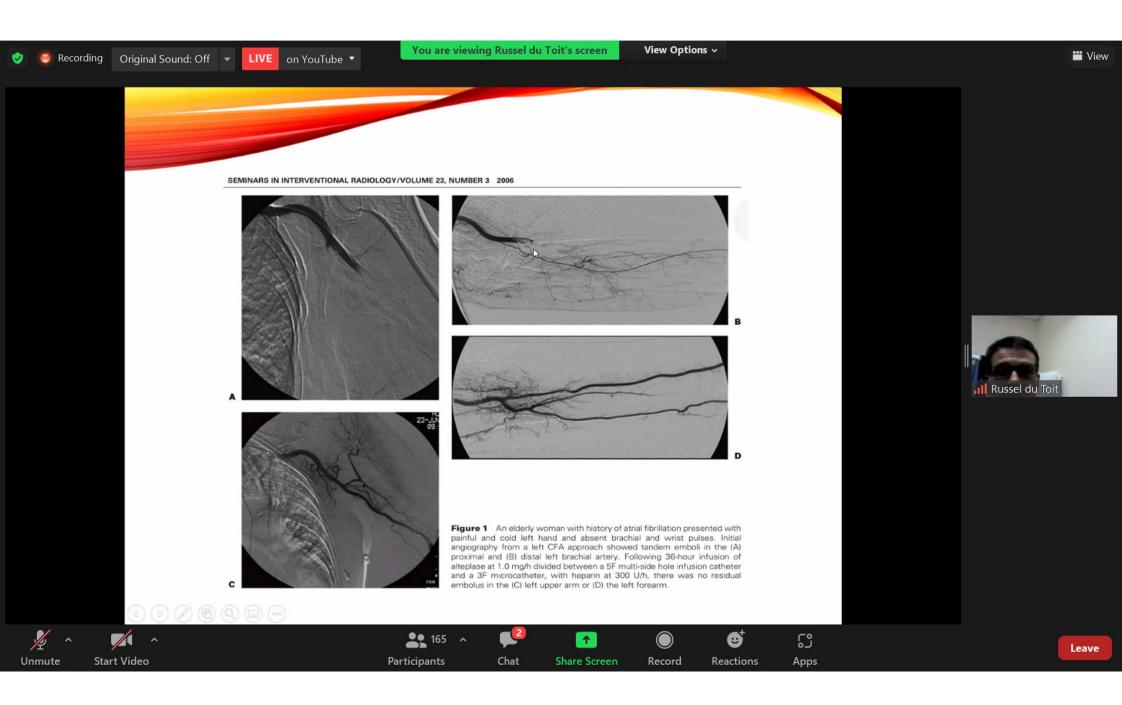


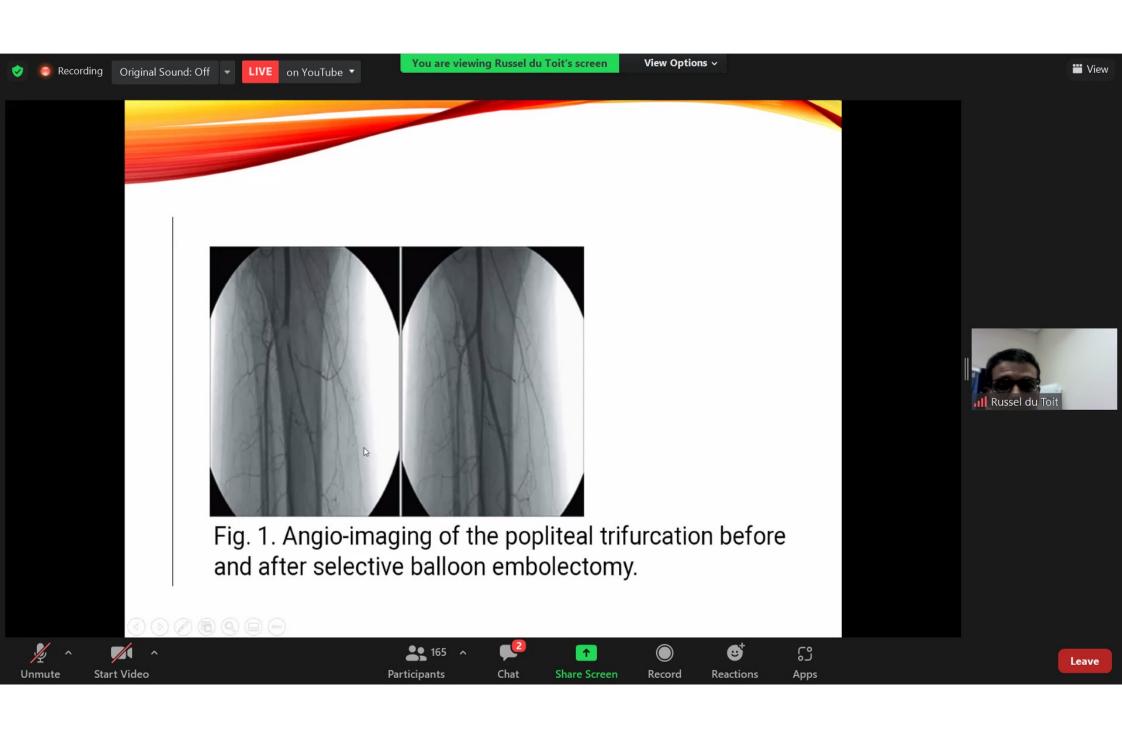


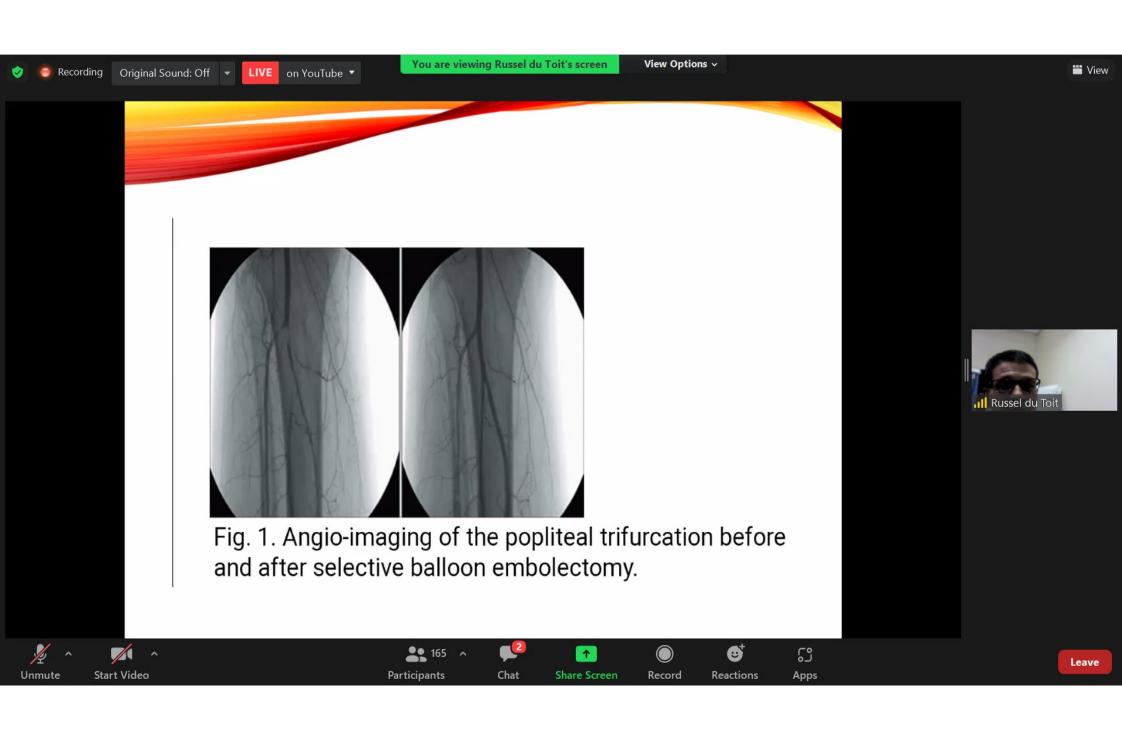


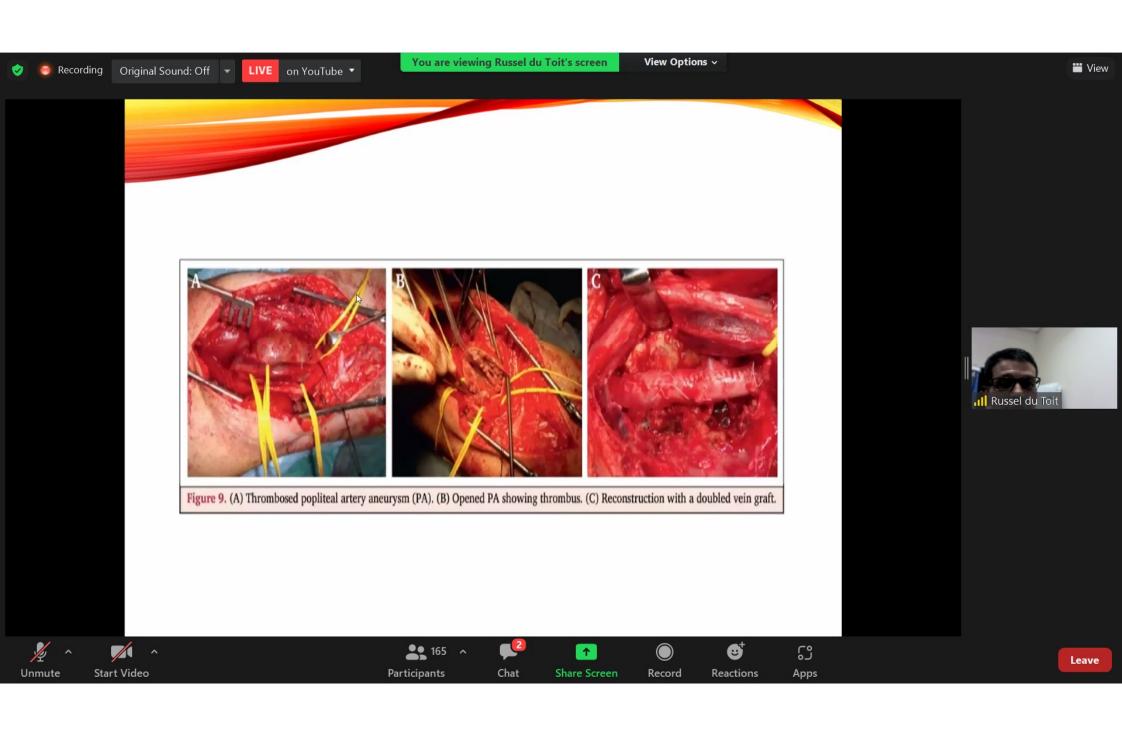


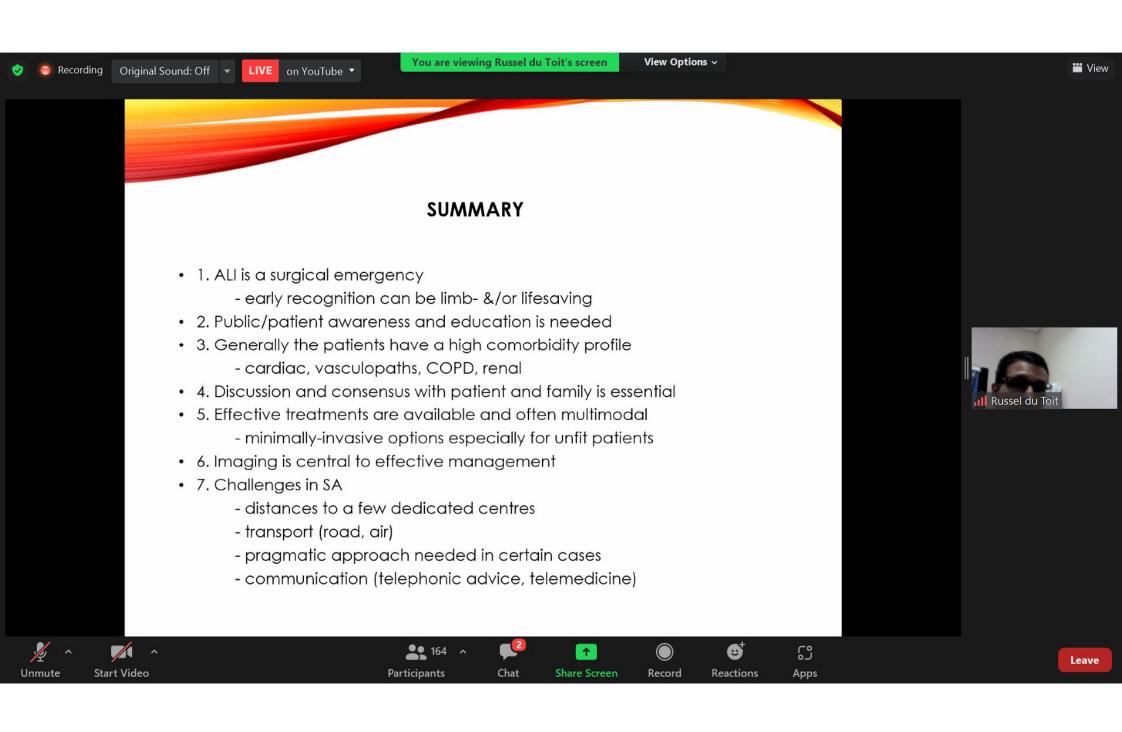












## REFERENCES

- 1. European Society for Vascular Surgery 2020 Clinical Practice Guidelines on the Management of Acute Limb Ischaemia
- 2. STILE Investigators. Results of a prospective randomised trial evaluating Surgery versus Thrombolysis for Ischaemia of the Lower Extremity. Ann Surg 1994; 220(3):251-268.
- 3. Acute Lower Extremity Ischaemia. Continuing Medical Education Vol 31, No 6, 2013. NG Naidoo, PS Rautenbach, D Kahn.
- 4. Straub Medical AG® (straubmedical.com)
- 5. AngioJet® (bostonscientific.com)
- 6. Catheter-directed Thrombolysis for Acute Limb Ischaemia. Seminars in Interventional Radiology Vol 23, No 3, 2006. H Morrison.