Lessons Learned in South Africa
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Overview

- Khayelitsha Hospital
- George Regional Hospital
- Resource limitations
- Trauma Experience
- Ultrasound Experience
- Cases
Khayelitsha Hospital

- [http://www.bbc.co.uk/programmes/p01snm8w](http://www.bbc.co.uk/programmes/p01snm8w)
Khayelitsha Hospital

• Location
  – Township
  – Tygerburg

• Staffing
  – Medical hierarchy
  – Nursing

• Lab
George Regional Hospital

- Location
- Patient population
- Staffing
- Resources
Resource limitations

- Transport
Resource limitations

- Equipment
Resource limitations

- PPE
Trauma Experience

https://youtu.be/EHBZtj8fRhY?t=197

• Sunday morning waiting room
• Head injuries
• “Stab Hearts”
• MVAs
Ultrasound Experience
Ultrasound Experience
Ultrasound Experience
Case 1

• 8 y/o F playing on road at 9pm
• Sudden sharp pain to right anterior ankle
  – Burning, itching
• DDx?
• Tx possibilities?
Parabuthus Granulatus
Case 2

For the following image:

• Possible mechanism?
• Possible clinical presentation?
Case 3

- 27 y/o M “Community Assault”
- ++ facial swelling, bruising
- Left RAPD, ophthalmoplegia
- Multiple stab wounds:
  - Left upper chest x2
  - RUQ x1
  - Midline lumbar back x2
Case 3

• Left hemopneumothorax
  – Chest tube inserted
• Peritonitis, FF abdo
  – Gen Sx consulted
  – HD stable – CT abdo/pelvis
• CT head
Pneumocephalus
Pneumorrhachis
Case 4

• Ambulance patch:
  – 42 y/o M
  – Hit in head with shovel
  – Neurologically intact
  – 5 mins out

• Pt arrival:
  – 3 rolls of gauze covering head
    • Hmmm, where is the injury...?
BRAIN!
Case 4

• GCS = 14: E4 V4 M6
• Next steps in management?
  – Gen Sx consult
  – Trim surrounding hair
  – Cleanse...
  – Skin closure
  – CT
  – Neuro Sx phone consult
    • Observation
Thanks!

Questions?