# **CT Scanning**



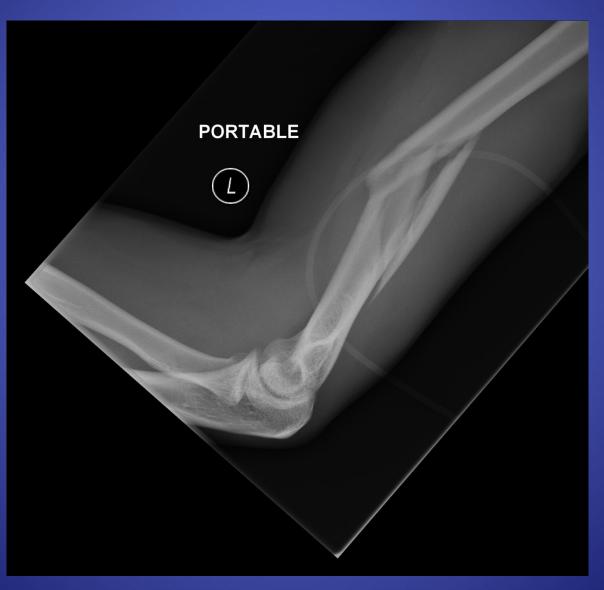


# **CT Scanning**





# Radiographs



### Summaliniofilm ecisions ISS 24

**Extravasation right SMA** 

branches

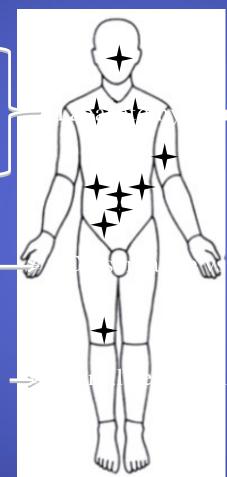
**Severe liver lacerations** 

left lobe

Right L2-L5 TP #

Right SIJ disruption

**Extensive soft tissue injury** right thigh



Communited nasal bone #

nterventional radiology

Left humerus #

**Parenchymal Haemorrhages** in RUL & LUL

operative treatment

Peri-splenic haematoma Left renal lacerations

ents (grædatel) & wait



#### **Treatment**



Parenteral Iron

Erythropoietin

Established in treatment of anaemia secondary to CKD in dialysed patients

Inconclusive in anaemia following trauma

Limit blood loss

Isolated case studies in Medically

Jehovah's Witnesses

**EPO** 

-unclear contibution of

Stimulate Erythropoiesis

Used in chemotherapy induced anaemia often in conjunction with erythropoietins

Limit blood loss
-Surgically

#### **Treatment**

Meticulous Haemostasis

Stimulate Erythropoiesis

Tournique

Initial Laparotomy

Use of Cell saver Limit blood loss Cochrane review -Medically Early amputation risk by 38%

- 1x fasciotomy
- Through knee amputation
- Delayed surgery

Limit blood loss
-Surgically

# **Delayed Surgery**





#### **Treatment**

Stimulate Erythropoiesis

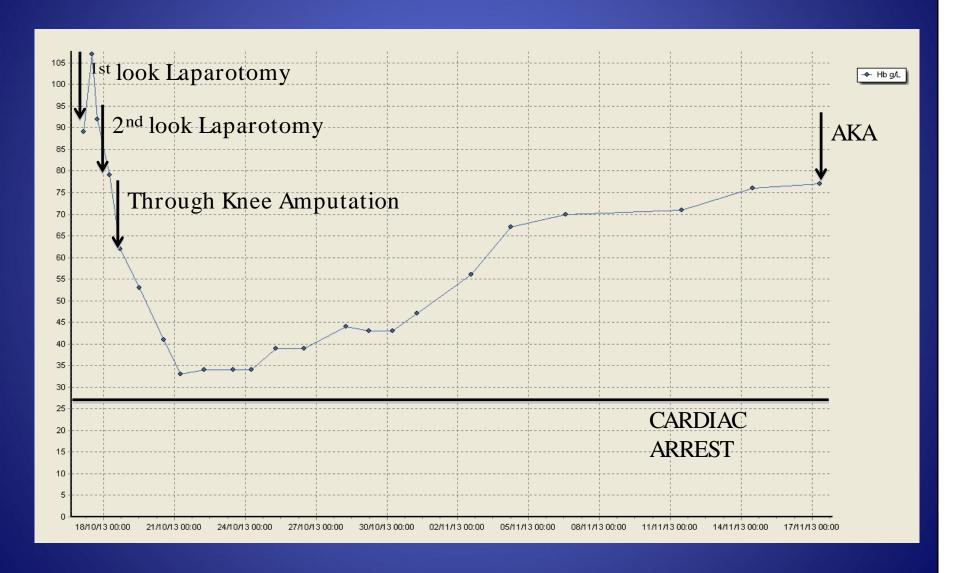
Limiting blood tests

Limit blood loss
-Medically

- Daily blood loss of 60-75 mls
- Limit blood loss transfusion requirementing haem ofiltration
- Paediatric sampling reduces blood loss by 40%

Limiting infusions

### Results



### **Case Summary**

- Severely injured Jehovah's Witness
- Techniques for limiting effects of severe anaemia
  - Surgical
  - Medical
  - Therapeutic
- Ethical and legal implications of witholding treatment