

The ridiculously anaemic child

- We are talking Hb less than 50
- THINGS WHICH POINT TO ACUTE HAEMOLYSIS:
 - Dark urine
 - Pale almost white feet and soles
 - Signs of heart failure
 - This tends to happen to sickle cell kids who get septic
 - This also happens in malaria

Management is simple. Put the blood back in.

- **May also need diuretics. Overhydration will make the heart failure worse.**

The ridiculously anaemic child with a sickle cell crisis

- VASO-OCCLUSIVE CRISIS:
 - Abnormal red cells clog all the little vessels
 - Tissue ischaemia ensues
 - OTHER CRISES:
 - Acute chest crisis
 - Sequestration crisis (RBCs trapped in the spleen and liver)
 - Aplastic crisis
 - Hyper-haemolytic crisis
 - WHY DO THESE HAPPEN?
 - No one knows
 - Infection, hypoxia, dehydration, acidosis, coldness, stress...
- **OXYGEN, rehydration, analgesia, antibiotics.**