



### Non-Immune Haemolytic Anaemia

- Paroxysmal Nocturnal Haemoglobinuria:
  - Rare disease caused by an inability to produce a particular component required for the cell membrane
  - Give supportive treatment and a monoclonal antibody
- Mechanical Haemolytic Anaemia:
  - Examples include:
    - Leaking prosthetic heart valve that damage the RBCs as they pass through
    - March haemoglobinuria: damage to red cells in the feet due to prolonged marching
    - Microangiopathic haemolysis: caused by things such as malignant hypertension

> Long acute  
 Intermittent haemolysis (esp. @ night)  
 anaemia  
 Pancytopenia  
 Thrombotic episodes