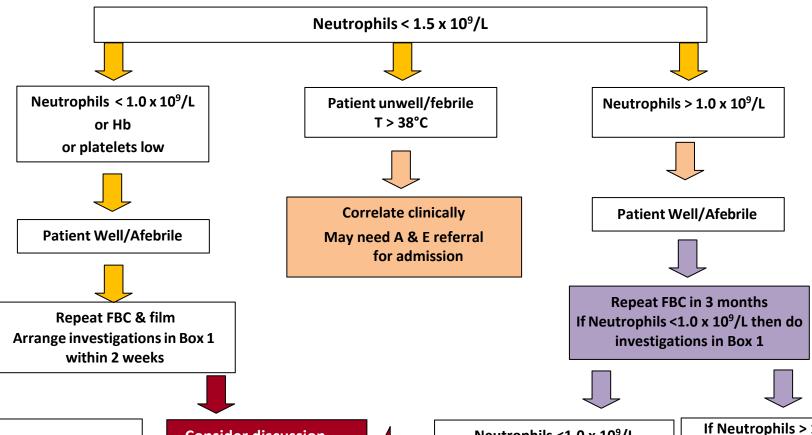
Guidelines for GP referral and further investigations of patients with Neutropenia



Box 1

- Review drug history
- Check ethnicity
- Examine liver/spleen/lymph nodes
- B12/ Folate
- LDH
- Serum electrophoresis
- Serum free light chains, if not available urine protein electrophoresis for Bence Jones protein
- ANA/Rheumatoid Factor
- Virology HIV, Hep B and Hep C

Consider discussion with Haematology



Neutrophils <1.0 x 10⁹/L or further tests abnormal

If Neutrophils > 1.0 x 10⁹/L and no other criteria met for referral then monitor

Causes to consider:

- 1. Drugs Drug induced neutropenia (DIN)
- 2. Duffy null phenotype People of Afro-Caribbean or Middle Eastern ethnicity have low normal neutrophil count (generally 0.9-1.5 x 10⁹/l)
- 3. B12/Folate deficiency
- 4. Myeloma
- 5. Autoimmune
- 6. Infection Mainly viral infection

Dr C Wykes, Dr C Grist 2016 Dr S Zahan, Updated in Jan 2025