Oncology Neutropenic Sepsis Guidance



Neutropenic sepsis = <u>sepsis</u> plus neutrophil count <0.5 or <1 if chemotherapy within past 21days

- Assess patient with possible neutropenic sepsis within 15 minutes of presentation to hospital and commence resuscitation following "Sepsis 6" care bundle
- Assume they are neutropenic if they have received chemotherapy within the past 3 weeks
- Assess severity of sepsis and assign to risk category as detailed below
- <u>Penicillin/beta-lactam Allergy</u> confirm type and severity of previous reaction e.g. rash, anaphylaxis
- If patient has had chemotherapy within the past 3 weeks and has temperature ≥38°C or <36°C or clinical evidence of significant sepsis (SIRS≥2) initiate antibiotic therapy within 1 hour do not wait for the blood results to come back. Always take blood cultures before giving antibiotics but do not wait for full infection screen to be performed
- When blood results are available switch to Hospital Antibiotic Adult protocol if above definition of neutropenic sepsis not fulfilled
- All patients should have a full infection screen Blood cultures (Hickman line and peripheral venous) Stool culture MSU
 Sputum culture Chest X-ray Swab skin lesions and Hickman line exit site Throat swab bacterial and viral
- Review previous microbiology results for resistance

