



DEPARTMENT OF CYP ONCOLOGY AND HAEMATOLOGY
CHILDREN'S HOSPITAL FOR WALES
Febrile Neutropenia.

<p><u>Criteria</u></p> <p>..... has disease/chemotherapy related myelosuppression and is febrile (Temp >38c)</p>		
<p><u>Actual/Potential Problem</u></p> <p>..... is at risk of sudden deterioration due to sepsis.</p>		
<p><u>Proposed Aim</u></p> <ul style="list-style-type: none"> • To provide close monitoring and prompt treatment to prevent severe sepsis. • Administer IV Antibiotics within 1 hour of arrival. • Continue to provide supportive care. 		
Nursing Care	Date	Sign
<ul style="list-style-type: none"> • Patient to be assessed by qualified nursing staff on admission and observations and weight recorded. • Commence PGD if patient meets criteria. • Inform medical staff of patient's arrival and request urgent medical review if indicated as per PGD criteria. • If patient does not meet PGD criteria, inform medical staff of patient's arrival and ensure they are made aware of NICE guidance for IV antibiotics within 1 hour of arrival. • Complete the following investigations: <ul style="list-style-type: none"> <li style="width: 50%;">- Blood cultures <li style="width: 50%;">- Urine <li style="width: 50%;">- FBC <li style="width: 50%;">- Stool (if indicated) <li style="width: 50%;">- U&E <li style="width: 50%;">- Throat Swab <li style="width: 50%;">- CRP <li style="width: 50%;">- MRSA Swabs <li style="width: 50%;">- LFT <li style="width: 50%;">- Wound site Swabs <li style="width: 50%;">- Ca, Mg, PO4 <li style="width: 50%;">- Blood Sugar <li style="width: 50%;">- Lactate 		



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| <ul style="list-style-type: none">• Administer IV antibiotics within 1 hour of arrival:<ul style="list-style-type: none">○ First line give Tazocin○ If known Penicillin allergy, give Meropenem○ If previous anaphylaxis to Penicillin give Vancomycin and Gentamicin.○ If recently received or planned IV methotrexate treatment – Give Meropenem
(<i>All doses as per BNFC</i>)• If fluid resuscitation required for sepsis, also commence IV Gentamicin. Monitor Gentamicin level pre 2nd dose and every 2-3 days (<i>As per BNFC</i>).• Maintain accurate fluid input/output chart.• Record observations hourly until patient is reviewed by medical staff.• Medical Review should be within 4 hours as per PGD, or within 1 hour if PGD not followed.• Report any patient deterioration to medical staff immediately.• Administer IV Fluids as prescribed.• Administer Paracetamol as prescribed.• Once patient has been reviewed by medical staff, record observations 4 hourly, unless indicated more frequently.• Provide appropriate supportive care as needed. | | |
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