Evidence review: prevention and management of neutropenic sepsis in cancer patients

Secmeer 2007

Clinical features and settings	Children (<19 years) with chemotherapy related fever (≥38.3°C or > 38°C for at least one hour) and neutropenia (not defined) admitted to a single hospital between 2004 and 2005. A random sample of afebrile patients was also included for comparison (but not included in this review).
Participants	60 FN episodes in 49 patients. 47% had haematological malignancy. 31/49 patients had documented infection. Median age was 7.7 years in those without documented infection and 7.2 in those with documented infection.
Study design	Prospective observational study. Unclear whether consecutive. Turkey.
Target condition and reference standard(s)	Documented infection: microbiologically or clinically documented infection. Bacteraemia: at least one positive culture for bacteraemia (or 2 in the case of coagulase-negative staphylococcus).
Index and comparator tests	Blood samples were collected at the 0th, 8th, 24th and 48th hours CRP, threshold 50 mg/L.
Follow-up	2 days.
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