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

## **Engel 1998**

Adult patients (>14 years) with haematological malignancy admitted to hospital for chemotherapy and expected to develop neutropenia (ANC $< 1.0 \times 10^9 / L$ ) who developed fever (>38.5°C or 38.0°C in consecutive readings).
191 neutropenic episodes (104 with fever) developed in 97 patients. Median age was 47 years. All had haematological malignancy.
Prospective observational study, consecutive sample. Germany
Clinically documented infection: fever with a clinical focus such as radiologically proven pneumonia but without microbial evidence for a causative organism.  Unexplained fever: fever without documented microbiological cause and without clinical focus.  Microbiologically documented infection: fever with a proven causative organism with or without a clinical focus.
CRP (measured around the onset of fever) - median and range reported according to infection group.
Use for continuous analysis of CRP versus time