

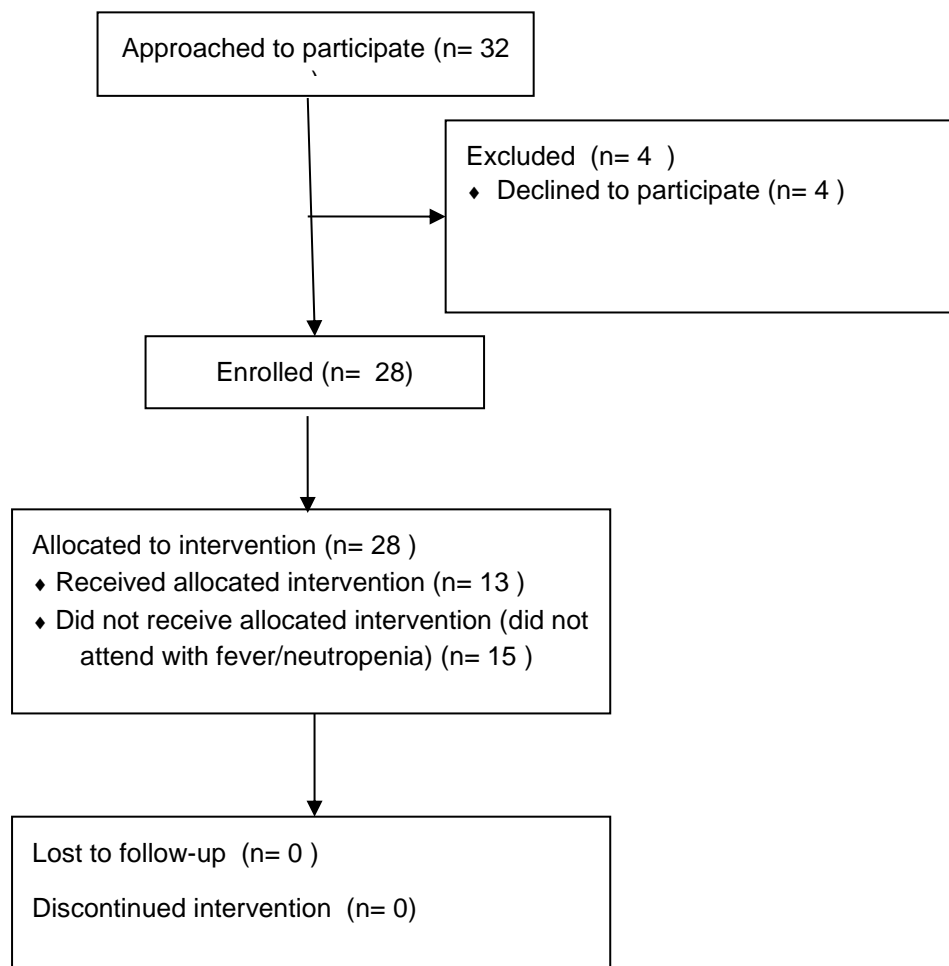
PAnTher Cub: Procalcitonin-guided Antibiotic Therapy for febrile neutropenia in children and young people with cancer. A single-arm pilot study

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• **Participant Flow:**



• **Baseline Characteristics:**

Demographics: 13 unique patients; the median age was 6y 5m (range 8m to 18y) and 31% (4/13) were female.

Oncological grouping of patients

Tumour/Treatment group	Number of patients
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Stem cell transplant	2
Solid tumour	6
Brain tumour	1
Leukaemia	2
Lymphoma	2

• **Outcome Measures:**

Primary outcome measure	Recruitment rate recorded as the number of eligible participants who consent to participate in the study over 6 months	28/32
Secondary outcome measures	<p>1. Discontinuation adherence: proportion of episodes where antibiotics stopped according to PCT-guided recommendation over 6 months</p> <p>2. Safety: number potentially infection-related admissions to critical care after discontinuation of antibiotics over 6 months</p> <p>3. Recruitment strategy: proportion of potentially eligible patients who were approached to consent over 6 months</p> <p>4. Attrition: proportion of enrolled patients who then discontinued or declined intervention over 6 months</p> <p>5. Data quality: proportion of missing data on primary outcome measures over 6 months</p> <p>6. Impact on PCT on clinical decision making and reasons for adherence and non-adherence (qualitative data)</p> <p>7. Patient, parent and clinician attitudes to study (qualitative data) including the outcomes important to CYP/families</p>	<p>4/8</p> <p>Zero</p> <p>Unclear – assessing all eligible failed technically. Estimated 50% approached</p> <p>None</p> <p>Between 100% - 40% depending on day</p> <p>See full report for qual data</p>

- **Adverse Events:**

There were no adverse events associated with this trial.