

Additional statistical analyses carried out surplus to SAP 1.5

Service Evaluation

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- (1) Blood test results at presentation were summarised in the same way as for at diagnosis using descriptive statistics.
- (2) Characteristics (age-group, sex, place that children presented, joints/limbs affected, diagnosis, and whether treated with oral antibiotics) were summarised by Simple/Complex case type as frequencies.
- (3) Conventional microbiology test results were originally designed to summarise results of all samples, but were later limited to results arising from bone, blood, joint or periosteal pus samples, for reasons of clinical relevance.
- (4) Time to maximal CRP was investigated and summarised using descriptive statistics.
- (5) The number of MRI scans carried out were further split by bone/joint affected.
- (6) Time-to-switch, split by case type and diagnosis was further presented using Kaplan-Meier curves.
- (7) Children that had only one surgical procedure post diagnosis were identified and the types of surgery they received were summarised.
- (8) All analyses were further split by diagnosis category (SA/OM).

Note that some analyses in the SAP were not carried – this was because clinical relevance was questioned. E.g. Blood test results were not split by centre type and microbiology results were not split by age-group.

¹ Statistical Analysis Plan