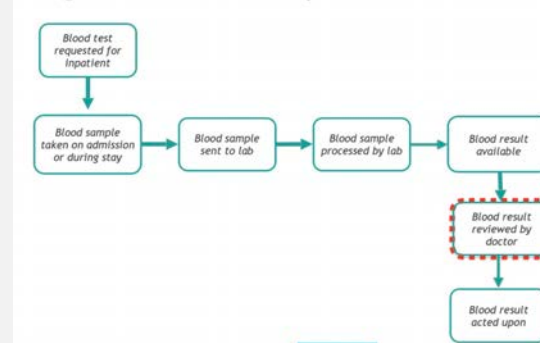


BACKGROUND

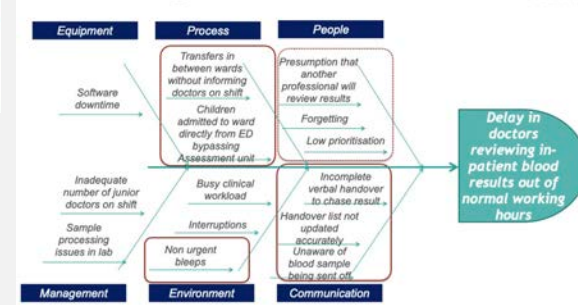
Delays in doctors reviewing blood results out of hours are a set back in caring for children on our wards. Children stay longer, might need repeat testing and even treatment. Families get distressed and staff work harder.

DIAGNOSTICS

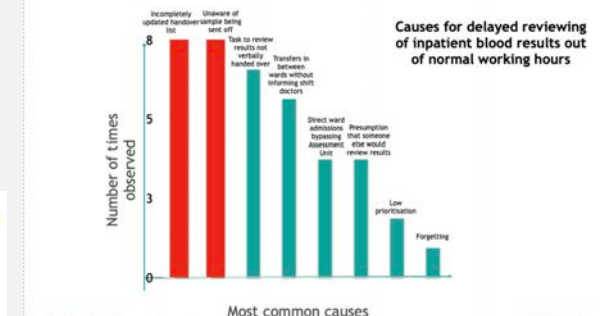
High level Process map



Fishbone diagram



Bar Chart



AIM & MEASUREMENT DEFINITION

Aim

All patients admitted under a paediatrician to wards 215A, 216 & 217 in the Staffordshire Children's Hospital must have their night blood results reviewed and acted on within 2 hours of the result being available by July 2022

Chosen measure

Median time taken for blood results to be reviewed on a night shift

Inclusions

Children admitted to the wards to stay at least one night under a paediatrician

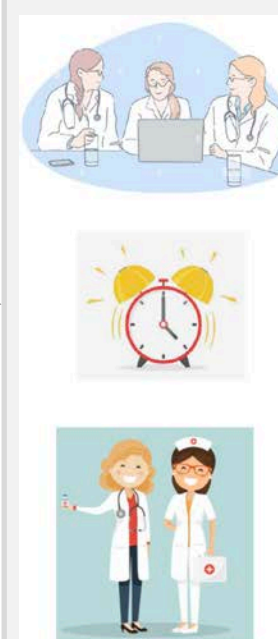
Exclusions

Children admitted under other specialties and to PICU

Specialised test results which would not be reported overnight

Sampling method & frequency 1. Retrospectively collect data weekly on the median time taken to review new blood results on a night shift
2. Retrospectively collect data weekly on the number of patients with new blood results not reviewed overnight

CHANGE IDEAS

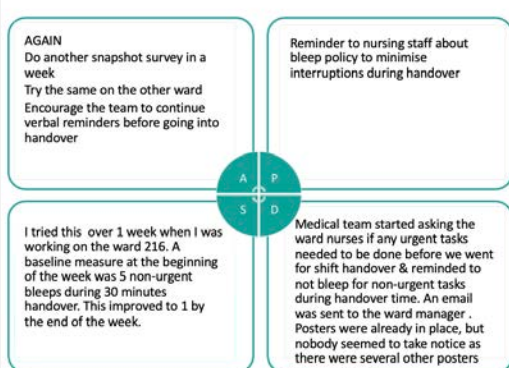


- Post hand over night team strategy mini discussion
- Verbal reminder to nurses before each handover about bleep policy
- Using team iPad on night shift & during handovers to review blood results
- Night team catch up twice per shift at fixed times
- Team on every shift to set a reminder 30 minutes before handover to update list accurately
- Complete verbal handover for reviewing results including when, why and what to expect
- Encourage to challenge incomplete handover of blood results
- Reiterate importance of complete handover in rotational doctors induction
- Written reminder to consultants to handover patients directly being admitted to the ward to the ward doctor

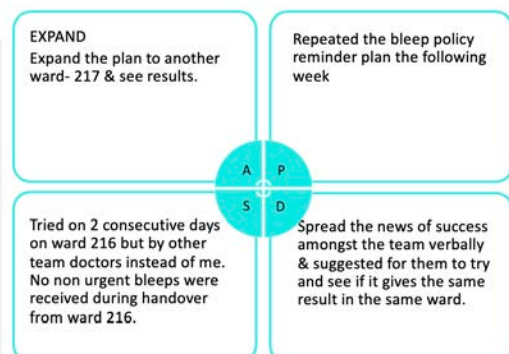


PDSA cycles

1.1



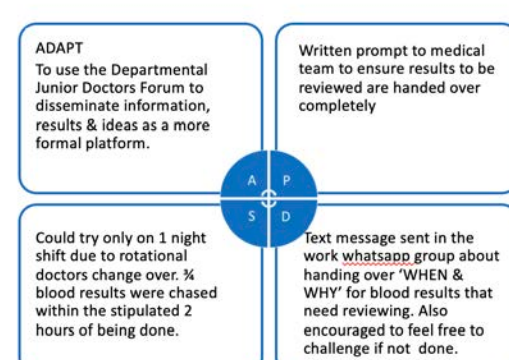
1.2



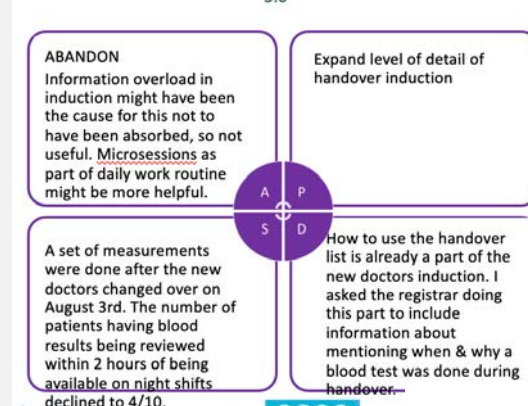
2.1



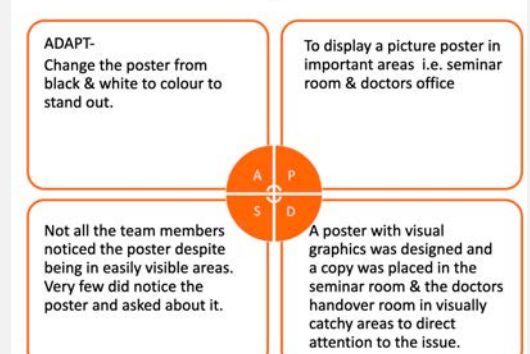
2.2



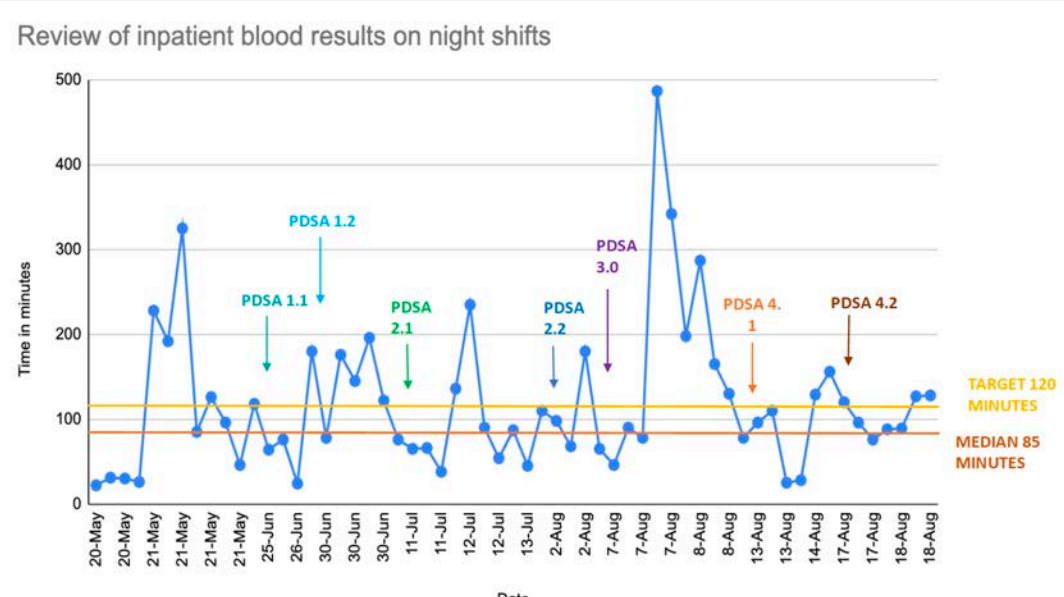
3.0



4.1



RUN CHART



REFLECTIONS & LEARNING

- To have an aim statement as SMART as it can be
- Narrow down the area working for improvement to as low as possible
- A baseline measure is vital to measure the improvement
- Understand the causes before thinking of change ideas
- Be pessimistic whilst scoring change ideas
- Repeated small PDSA cycles and acting according to the results is the way forward
- Regular team communication is key
- Human behaviours are difficult to change but not impossible with perseverance!
- More effective changes would need engaging other stakeholders like Information Technology, Information Governance teams and Divisional management.