



Gloucestershire Safety & Quality Improvement Academy

Team Traumatic Change

Abi Western

9th July 2024

✓ Learning ✓ Improving ✓ Sharing

#TheGSQIAWay #TeamGSQIA @gsqia

The Problem

- There has been increasing pressure on the NHS over the years
- Also an increasingly frail population
- An increase in potentially dangerous hobbies
- Multifactorial increase in the numbers of patients walking through the doors of ED who are severely injured.
- Some of these injuries are time critical. There are often long waits to be seen and thus identified as injured.
- TARN state patients with significant injuries should be seen by a senior clinician within 15 minutes of arrival.

SMART Aim

- *Reduce time to senior review of trauma patients presenting to CGH ED by 30%*
- *Patients included were those attending CGH from 0800-2200 and underwent a CT c-spine*

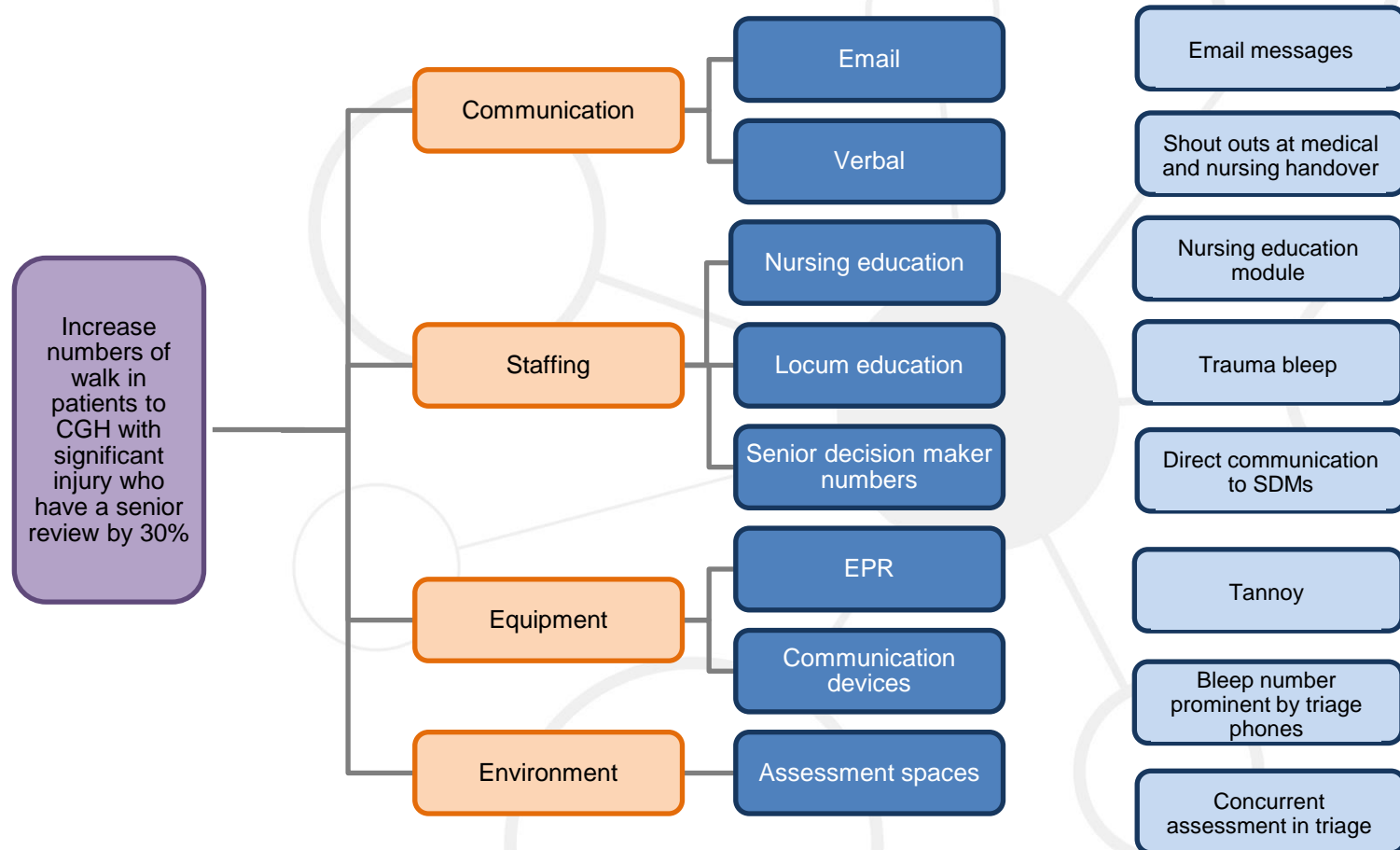
The QI team

- **Dr Emma Colley**
 - Supervising consultant
- **Dr Steph Milne and Dr Abi Western**
 - Leads for change
- **Sister Stacey Godley**
 - Driver for change and all round superstar

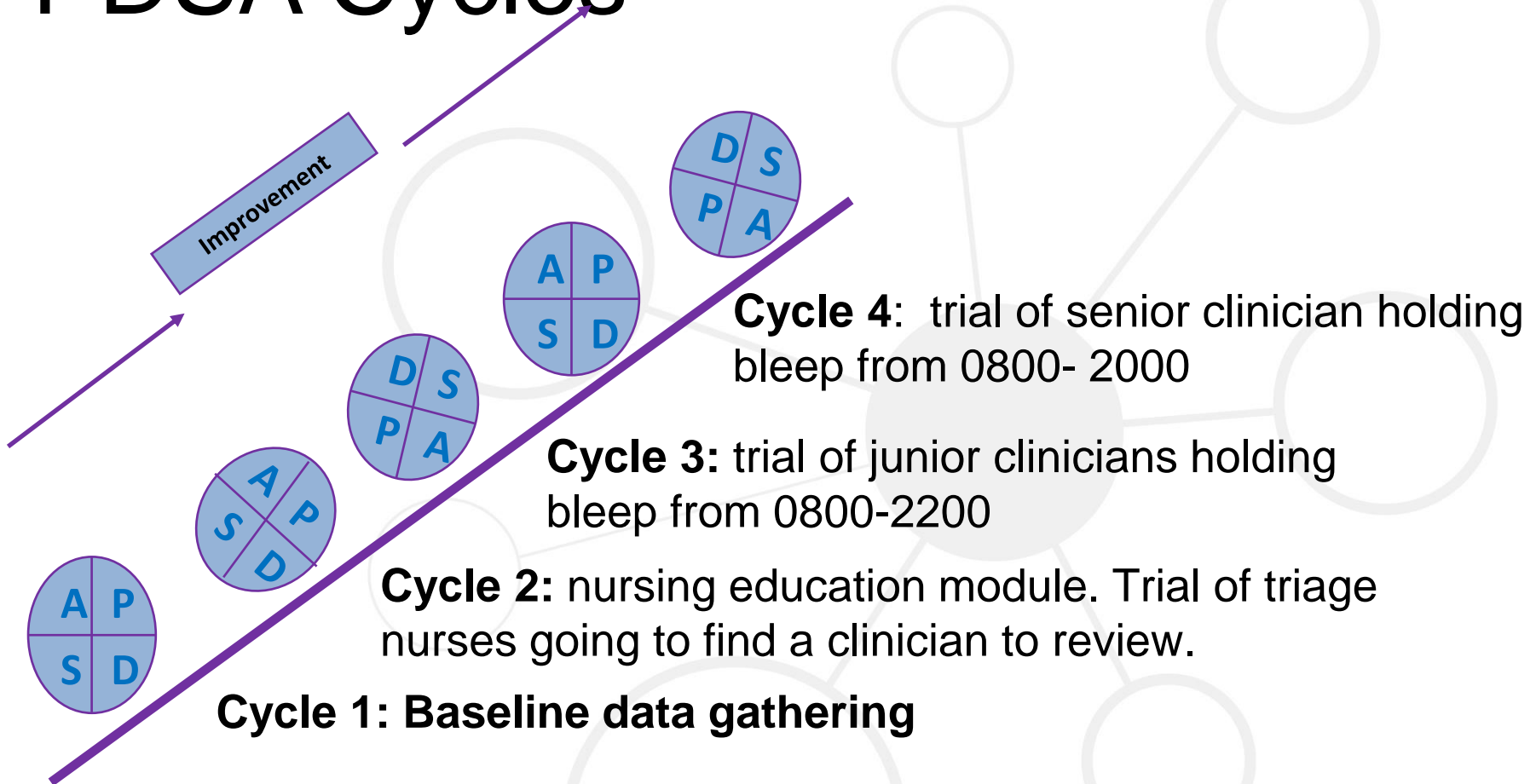
Measures

- **Outcome**
 - *Time to senior clinician review*
- **Process**
 - *Percentage of patients who received an in person senior review*
 - *Time to triage*
 - *Time to review from triage*
- **Balancing**
 - *Attendance rates*
 - *Time to review*

Driver diagram



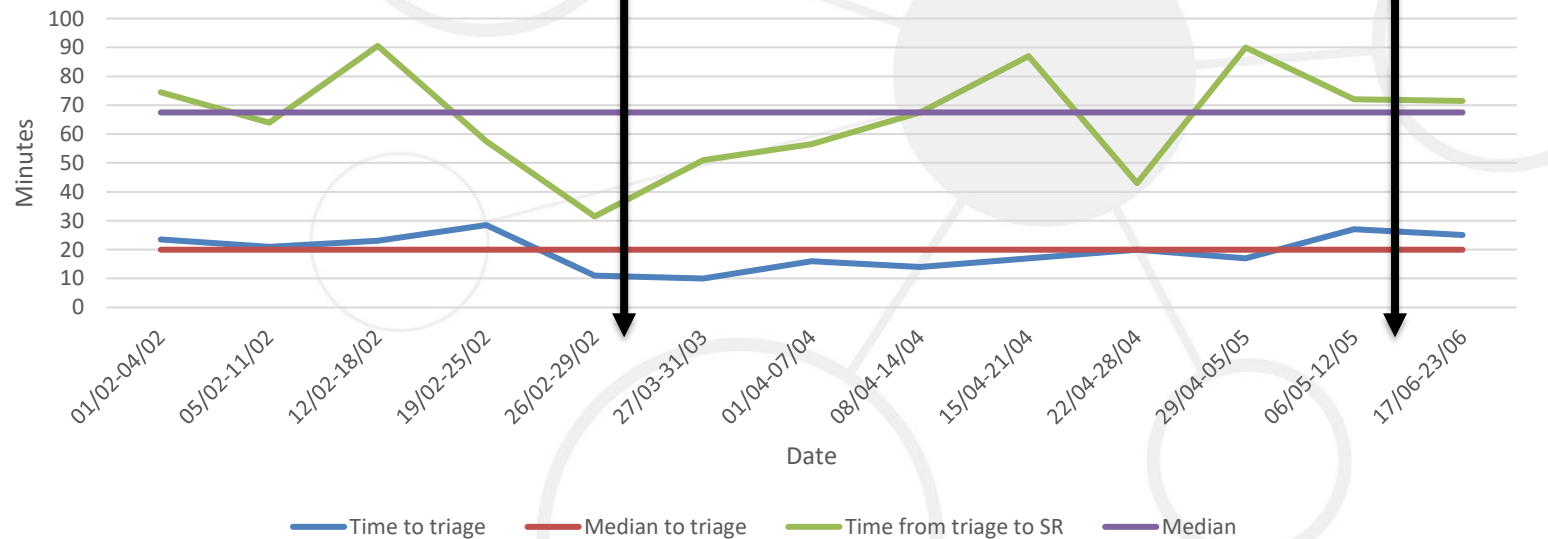
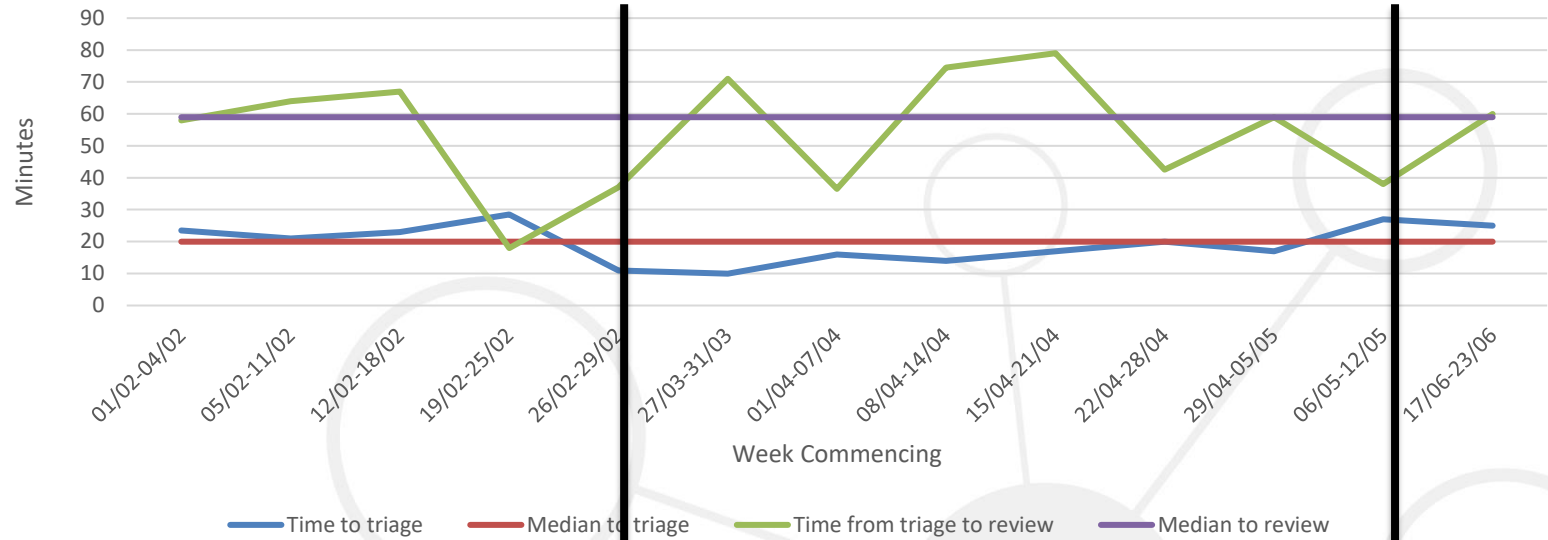
PDSA Cycles



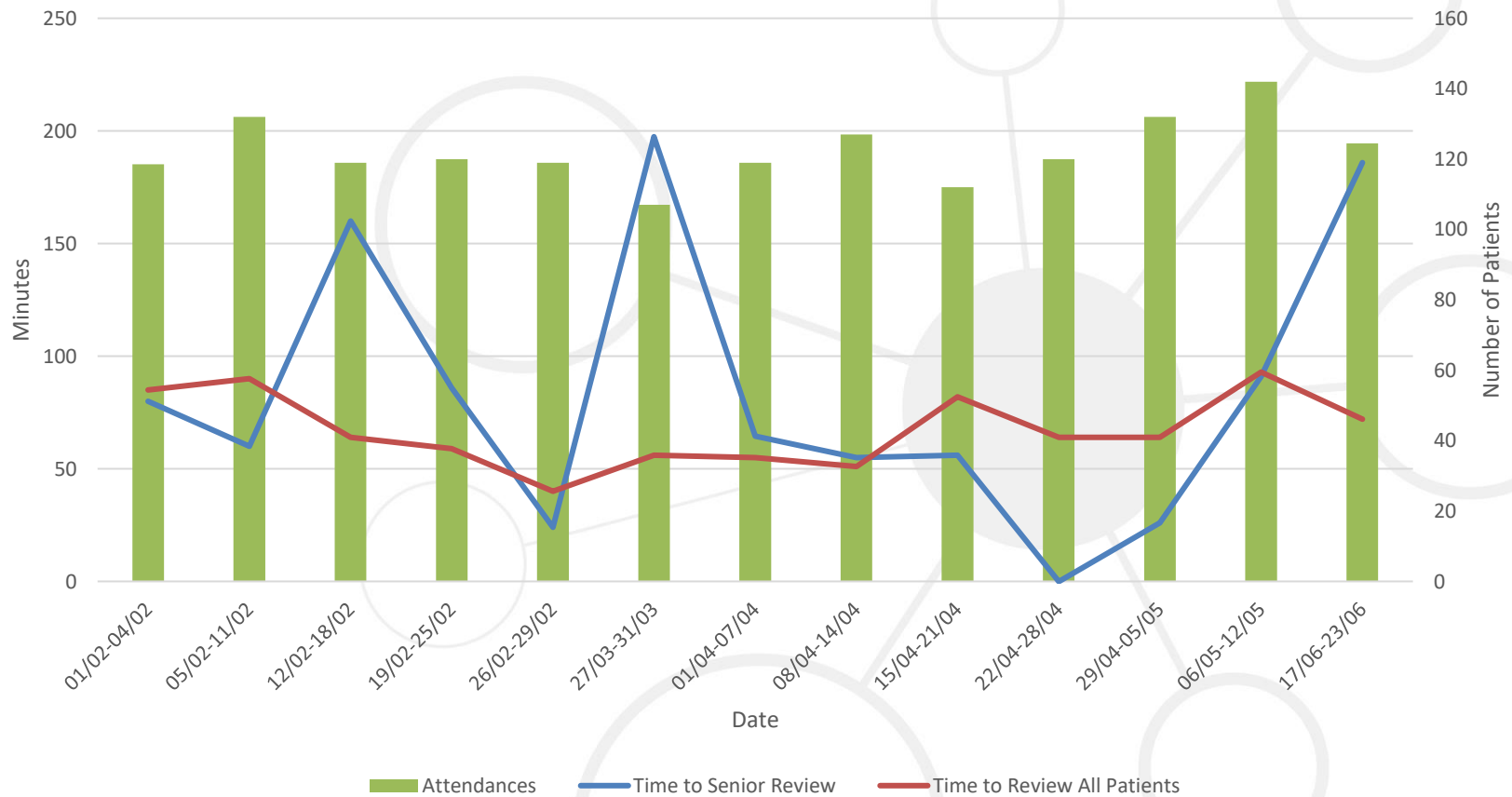
Key Results



Process Measures



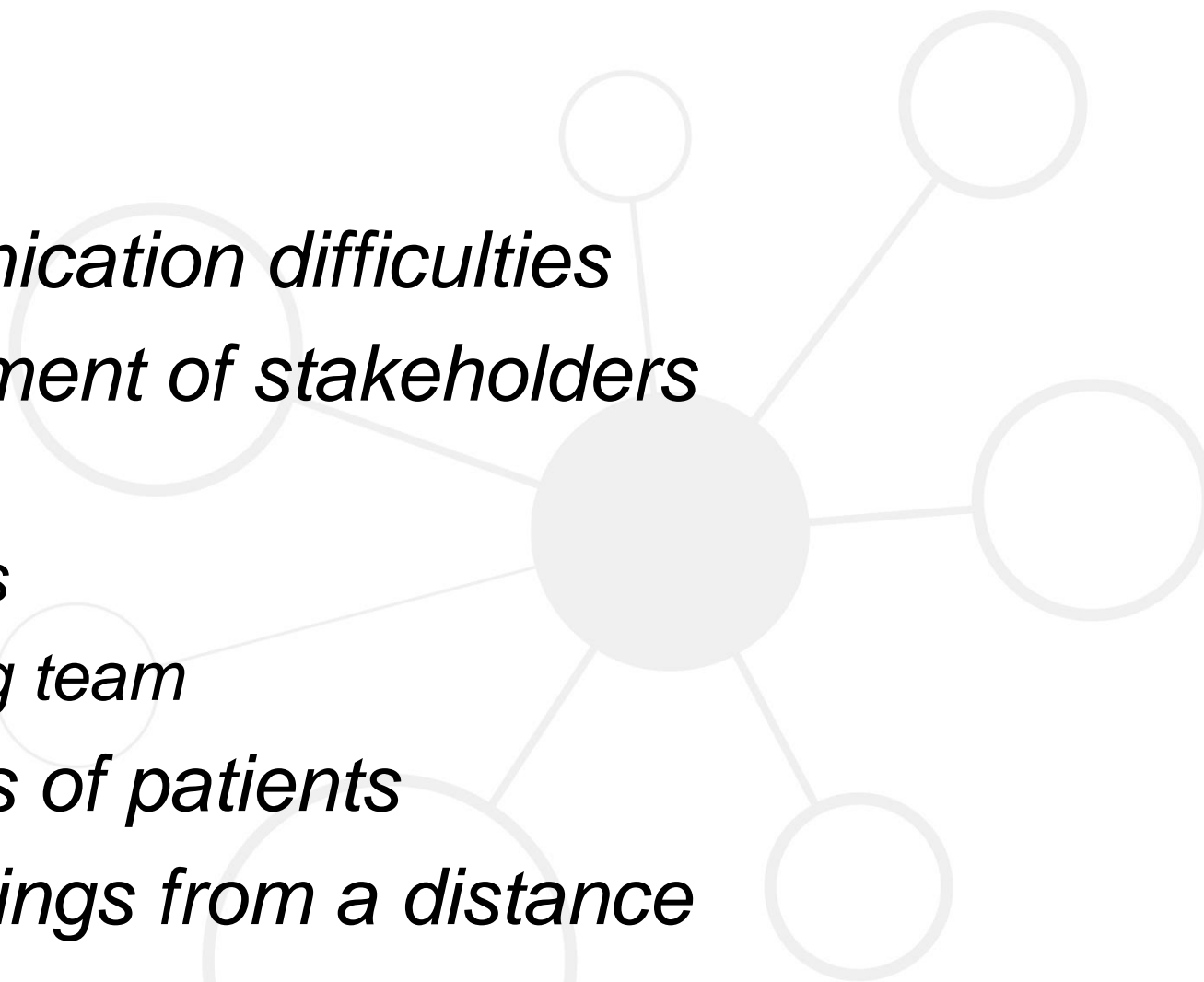
Balancing Measures



Analysis

- *No significant difference in median times*
 - *Different if including all patients flagged from triage in cycle 2 (a drop from median 58 minutes to 32 minutes in time to any review)*
- *Balancing data: no significant change in overall review time*
- *No relationship between median attendances and median time to review*

Barriers

- *Communication difficulties*
 - *Engagement of stakeholders*
 - *Juniors*
 - *Seniors*
 - *Nursing team*
 - *Numbers of patients*
 - *Doing things from a distance*
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Next Steps

- *Senior Decision maker holding bleep for one week from 01/07/24*
 - *Analyse data*
 - *Collect feedback (survey)*

Thank you!

Any questions?

