Cathlab Quality Improvement Project

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NHS
East and North Hertfordshire
**NHS Trust**

**# ProudToBeENHT**

Background:

What was problem? Why is this important?

- Delays cause patients to be nervous and agitated for their procedures

- Delays leave the Cath Lab to be empty whilst waiting for patients to be prepared

- There are major factors that contribute to delays: **consent, cannula issues, issues with echo**

- Patients were not discharged promptly

Only **19%** of patients were fully prepared prior to their procedure (April 2022 audit)
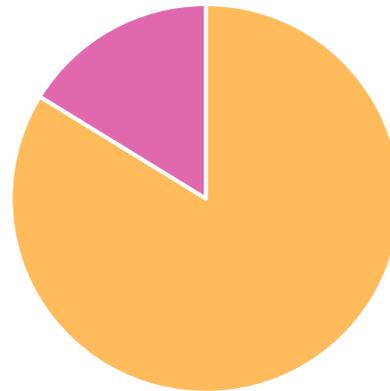
Not fully prepared   Prepared

Reasons for delayed procedure
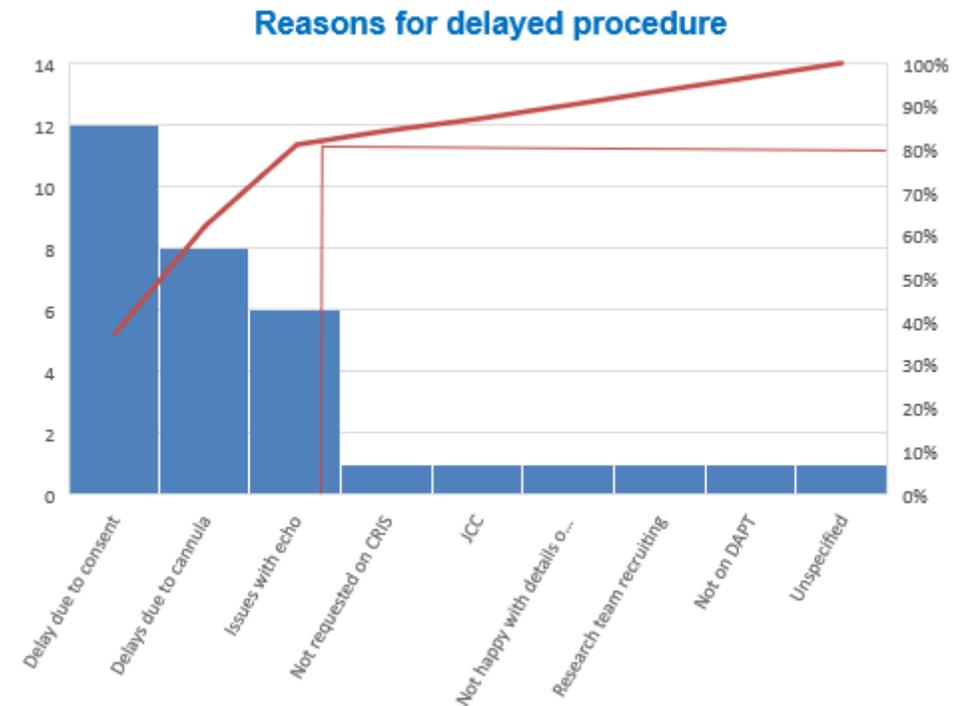
Background:

What Matters to those involved in your project?

- Good communication between departments and the team

- Excellent patient experience

- Completion of pre-assessment for patients coming from ACU

- Prompt discharge of patients

Who was on your project?

- NTL's from cath lab, ACU nursing team and consultants made aware of the project.
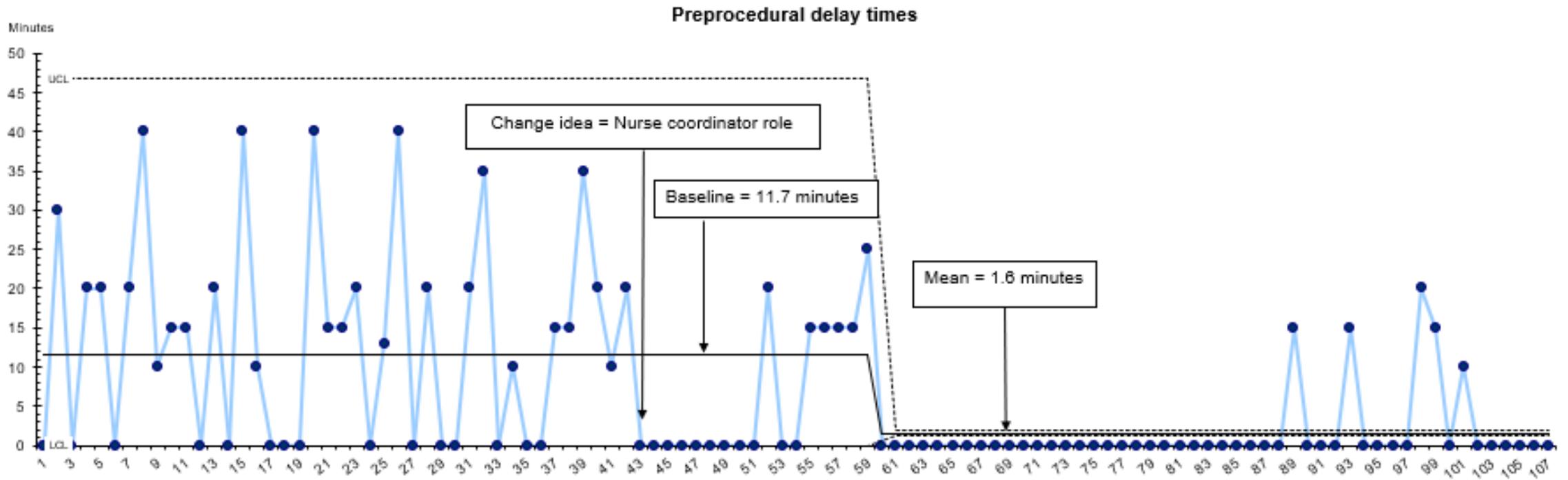
Aims of the Project

- Reduce preprocedural delay time to 2 minutes from a baseline of 11.7 minutes by August 2022

- Reduce delay time on discharge to 2 hours by August 2022

- Increase the number of discharges before midday to 2 patients by August 2022
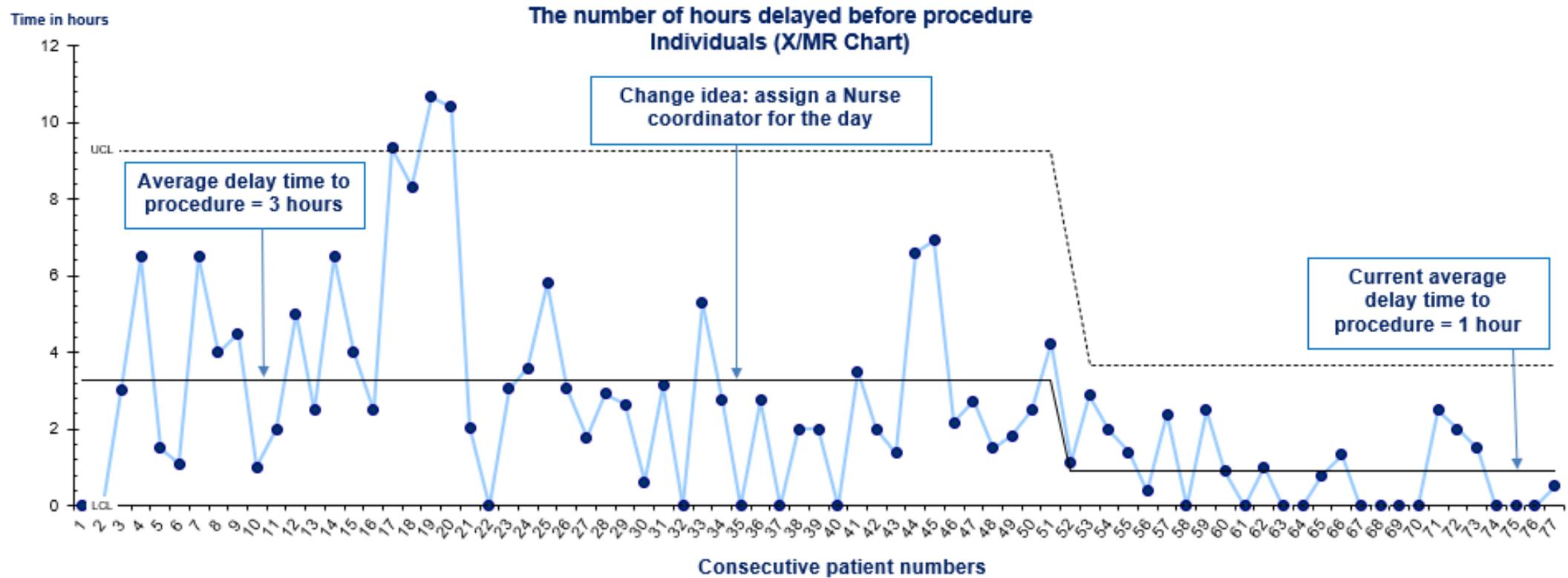
Change idea

- Appoint a nurse coordinator for the shift to ensure preparations are made before the procedure and to ensure that patients are discharged promptly if they are going home after the procedure.
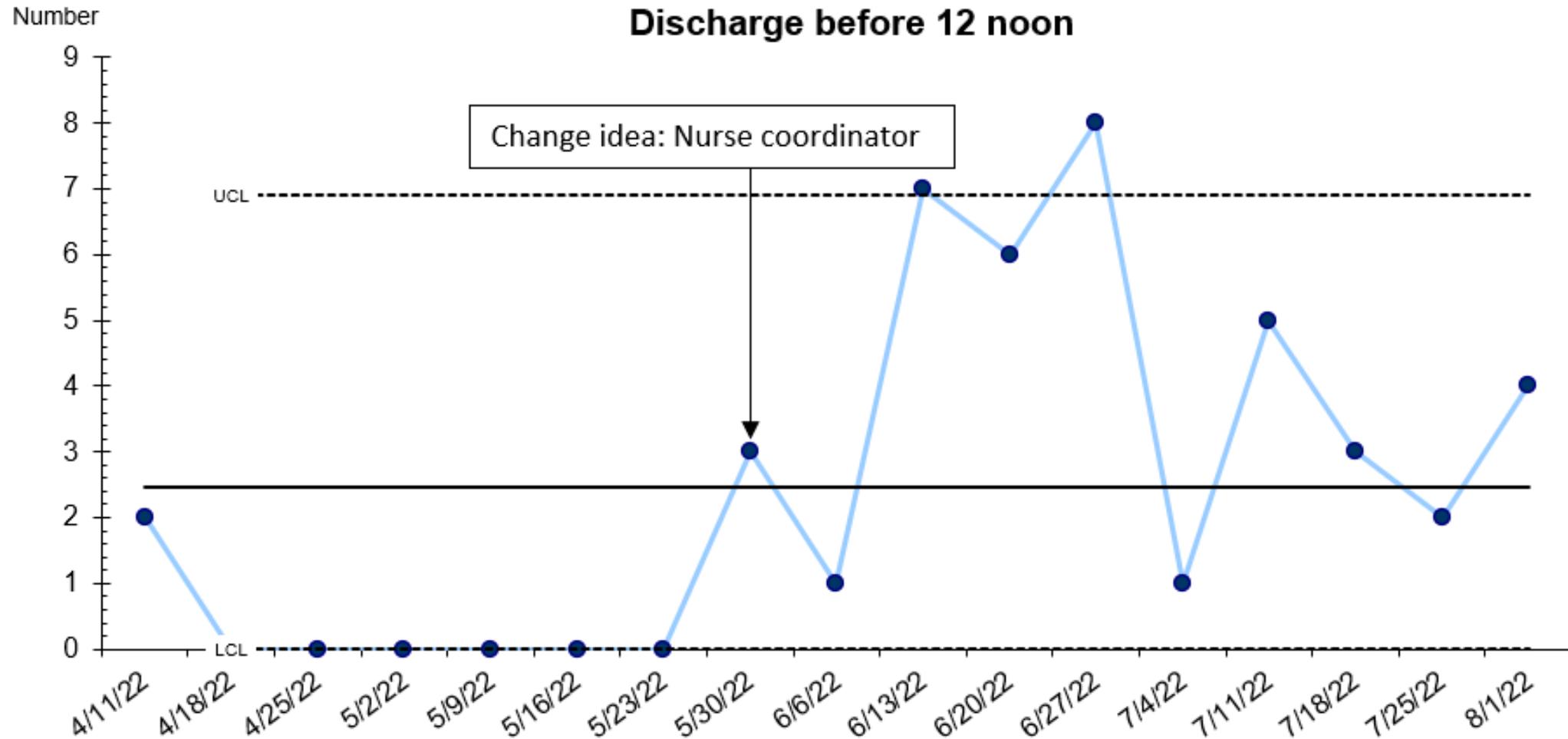
Preprocedural delay times

Preprocedural delay times

Change idea = Nurse coordinator role

Baseline = 11.7 minutes

Mean = 1.6 minutes

Discharge delay time

The number of hours delayed before procedure
Individuals (X/MR Chart)

Discharge before 12 noon

The story so far

What happened?

- We achieved all our aims, however, we did not have enough data to see there was sustained improvement for our 3rd aim.

- Once the project had started, we noticed an improvement in bed spaces on the ward

- Improved communication and flow between ACU and the Cath lab

- Improved patients experiences of procedure recovery to discharge

What is next?

- Explain the project findings to other teams and managers.

- To determine if this role will improve other departments within the trust (Does not need one co-ordinator per ward).

- If continued in other departments focus on the patient experience, understand the impact of the timely discharge. Allow for completion of patient surveys.

What we have learned in the project:

- **Barriers**
- Awaiting TTO's and D/L
- Consultants not completing SHOP model
- Delayed plans from doctors

- **Enablers**
- Consultants made aware of the project
- Nursing team on the ward enabled us to complete this role and benefitted from the improvement

Thank you.

Any questions?