

# [Integrated seizure care pathway]

Team members

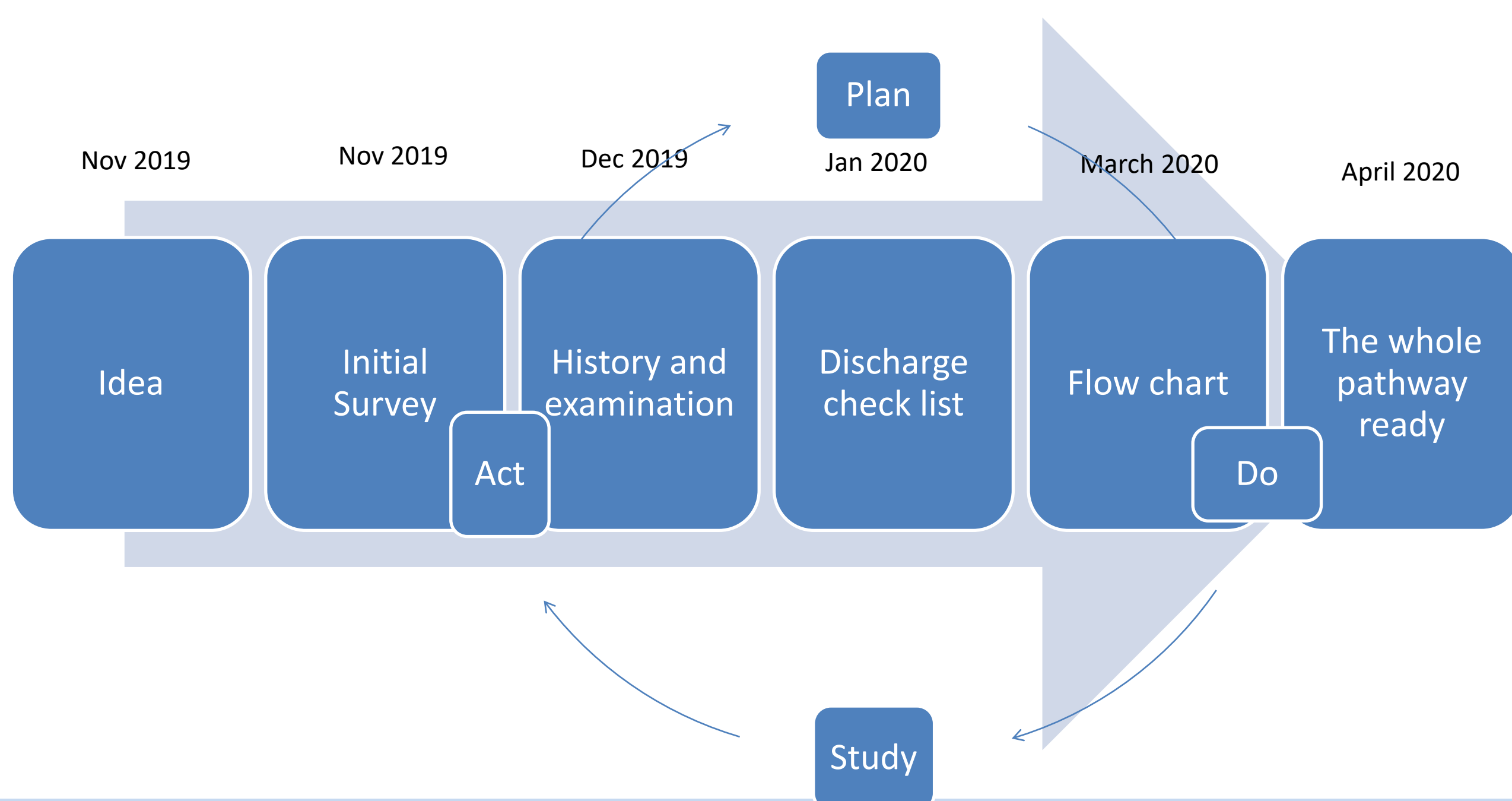
Stevens E, Goodge H, Tekki-Rao S, Gandhi V, Joshi A, Tyagi V.



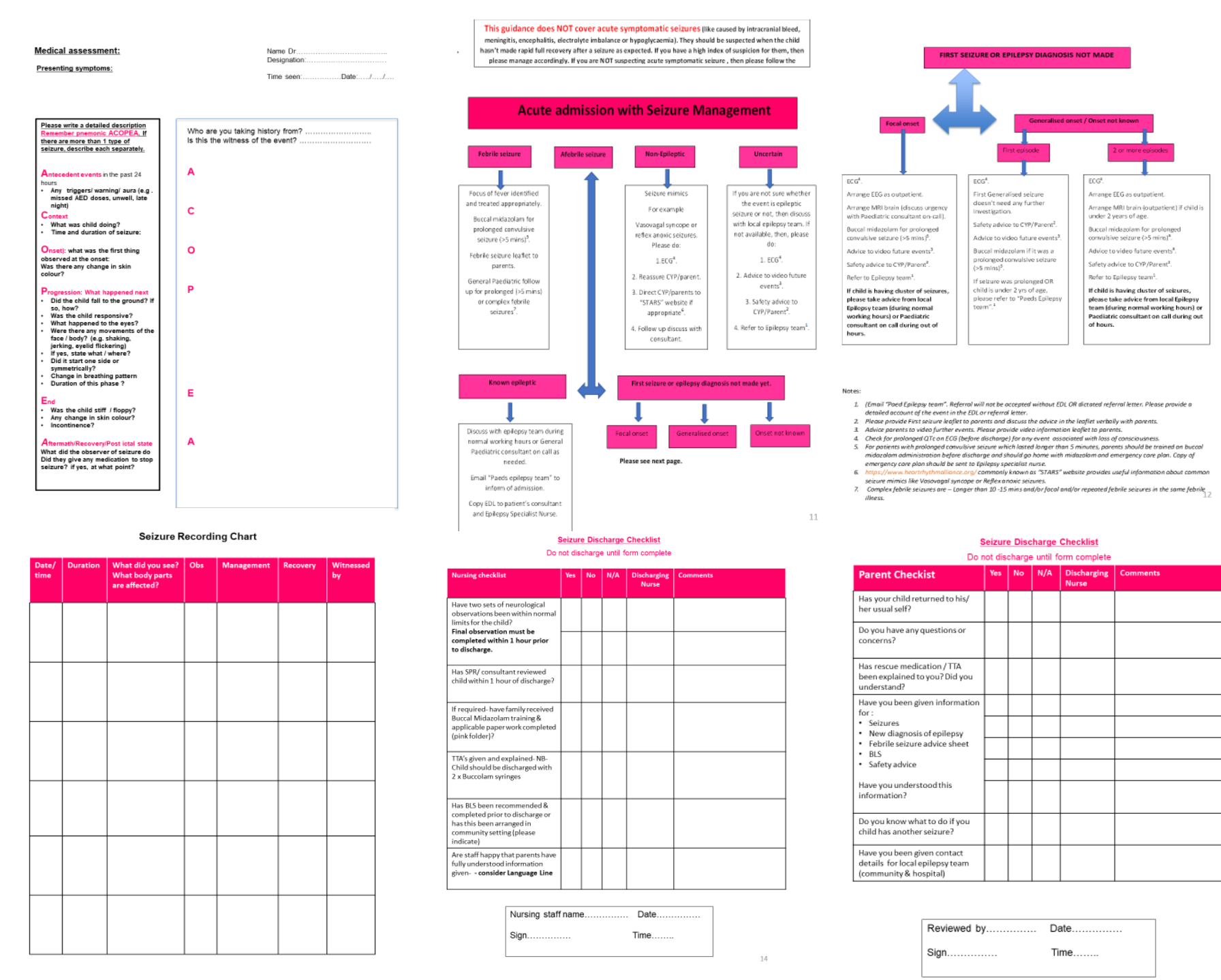
**Aim/purpose:** To develop and implement, in next 12 months, an integrated care pathway for 100% of children admitted to our Paediatric ward with epileptic seizures or seizure like episodes.

**Background:** We had observed that there has been a lack of uniformity in the acute care received by children admitted with suspected epileptic seizures to our paediatric ward, especially out of normal working hours. The areas that particularly needed improvement were history taking, arranging appropriate investigations, and safety advice to parents/patients on discharge. Hence, a need for this integrated care pathway was felt by our epilepsy team with the hope that all these children and their carers will receive uniform high quality care every time.

## Our improvement journey-the steps we took



## Outcome Data

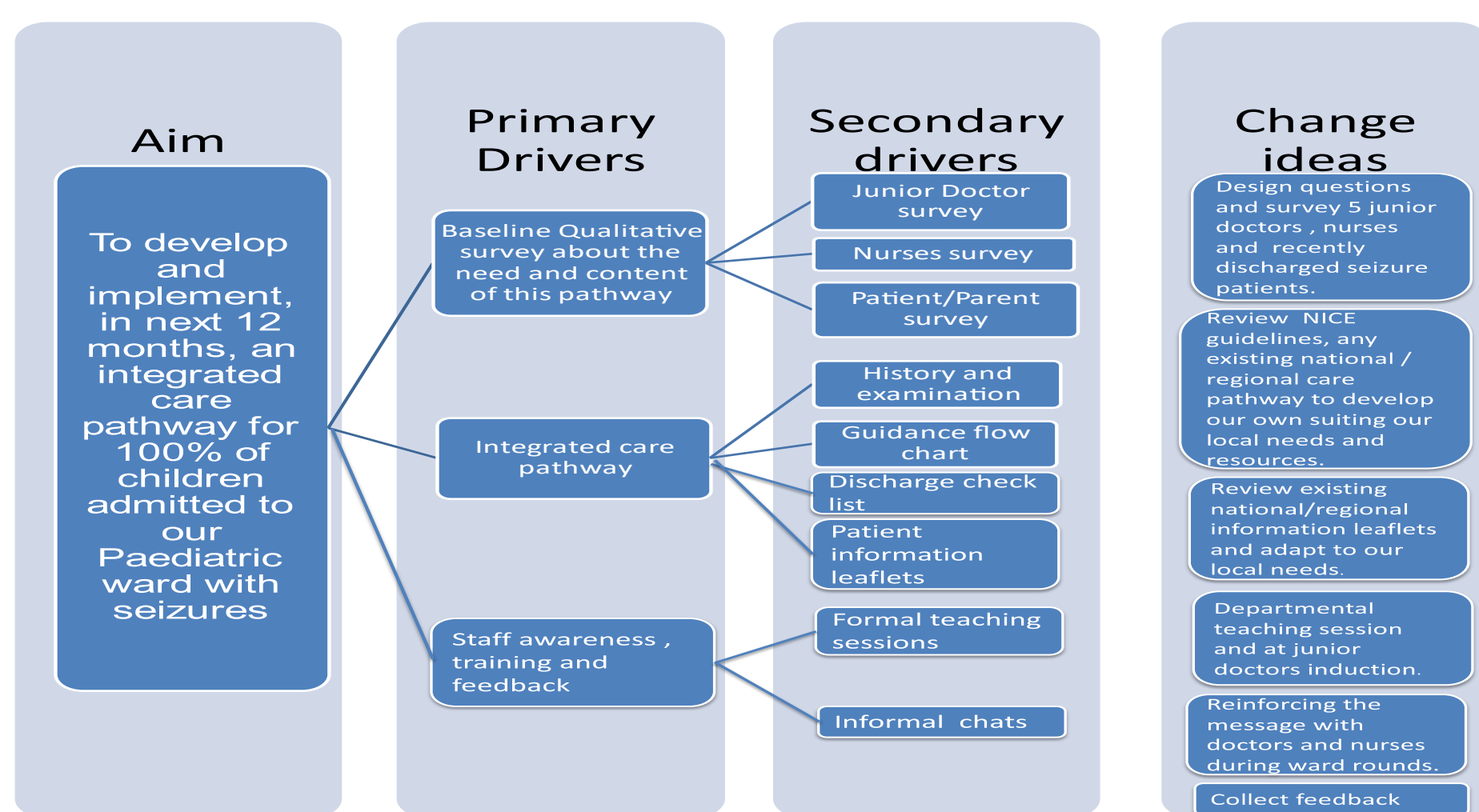


The outcome data section displays several forms used in the project:

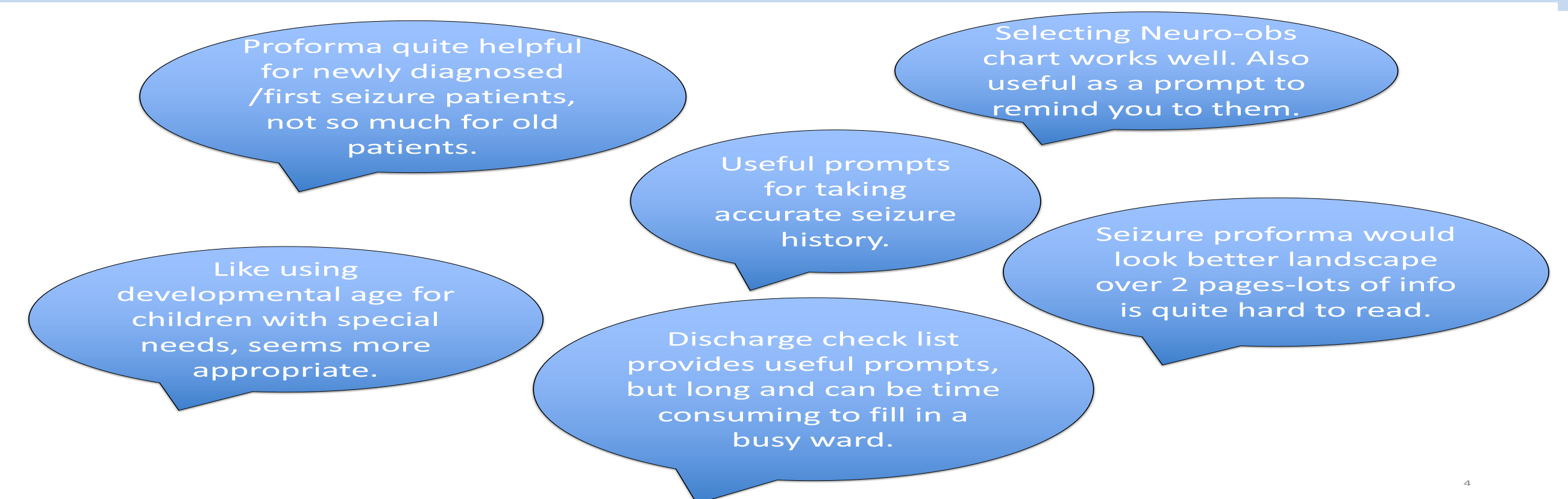
- Medical assessment:** A form for recording patient history and examination findings.
- Seizure Recording Chart:** A table for tracking seizure events, including date, time, duration, and treatment.
- Seizure Discharge Checklist:** A form for ensuring all necessary steps are completed before discharge, such as patient education and follow-up arrangements.

After multiple cycles of testing, a final integrated seizure care pathway was ready and has been rolled out.

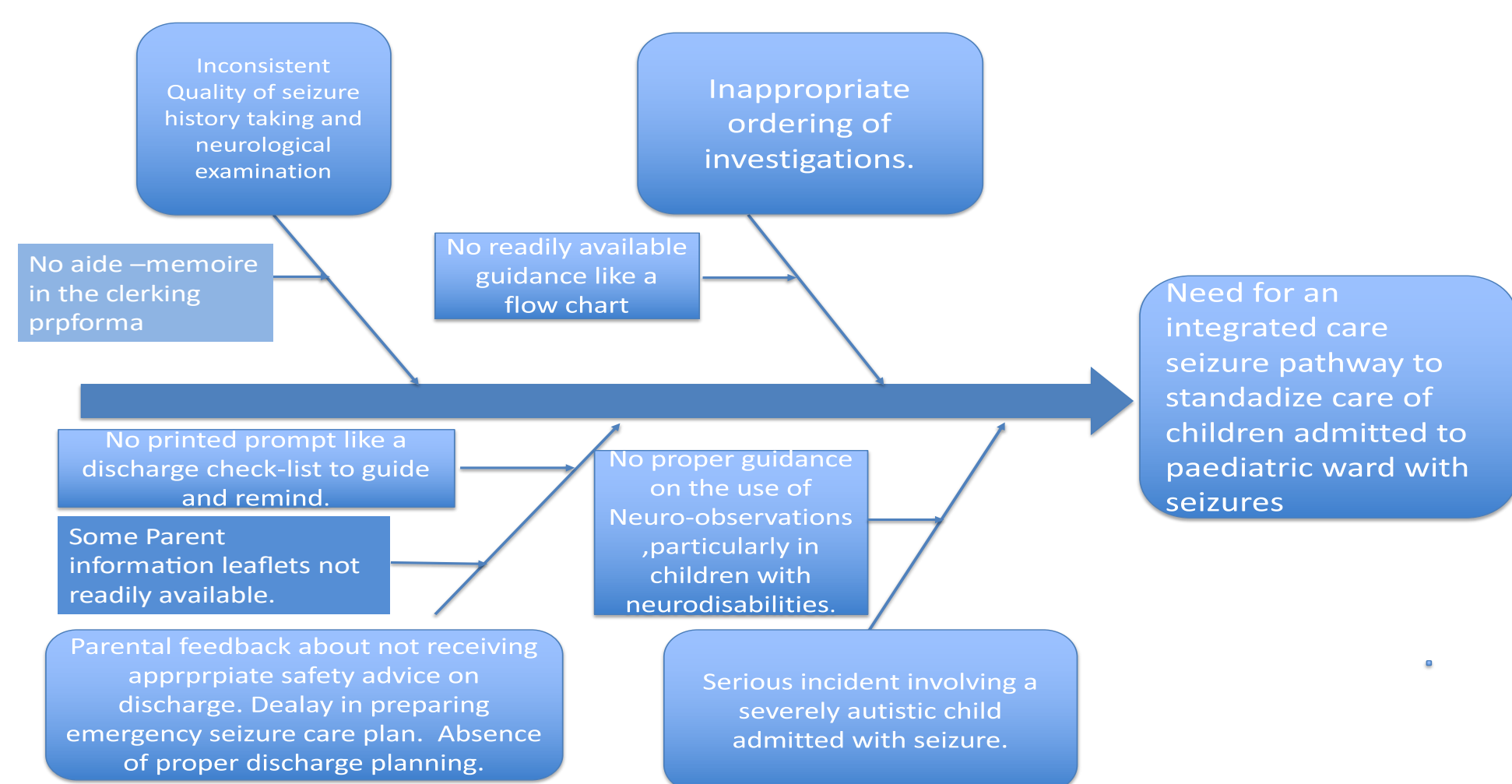
## Driver Diagram



## Qualitative feedback from colleagues/families through the journey



## How did you diagnose the issue (pareto, flowchart)



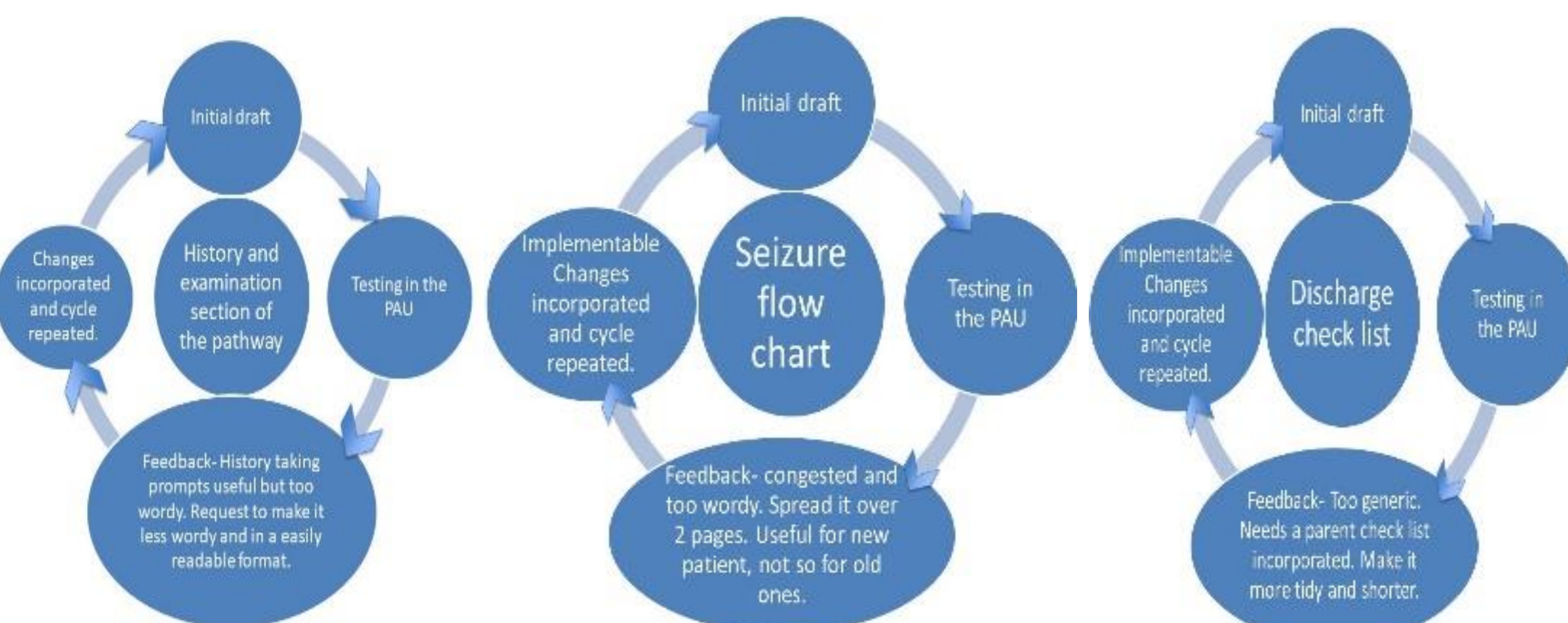
## Bright Spots/Challenges

This Project has been a great journey for our whole team. Conceiving an idea and then seeing it taking a physical shape in front of you is a very satisfying experience and can't be described in words.

This project has also certainly been a great team building exercise and helped the team members to gel with each other.

The biggest challenge has been COVID-19 Pandemic which had a very disruptive effect on the project, effects of which are still being felt.

## Your tests of change



## Team personal learning/next steps

- When taking up a big project, dividing it into smaller parts, developing and testing individual small parts improves efficiency and expedites the process.
- Getting all team members together at one time to sit and work on pathway is a challenge due to various other commitments of members. However, virtual meetings that we have been doing lately, have certainly helped.
- Making small changes at a time, testing it again and again, collecting feedback and incorporating them, is crucial to make a sustainable change.
- We will certainly take the learnings (Quality improvement tools and processes) from this project in our future Quality improvement endeavors.

**Acknowledgements:** 1. Carol Lander , 2. Mary Hunt, 3. Neurophysiology, and Radiology department at Luton & Dunstable University Hospital.