



To develop and implement a pathway for melatonin EEGs in co production with neurophysiology and pharmacy at the Royal Free site by May 2023.

Aim/purpose:

To improve the process a Melatonin EEG for patients & families.

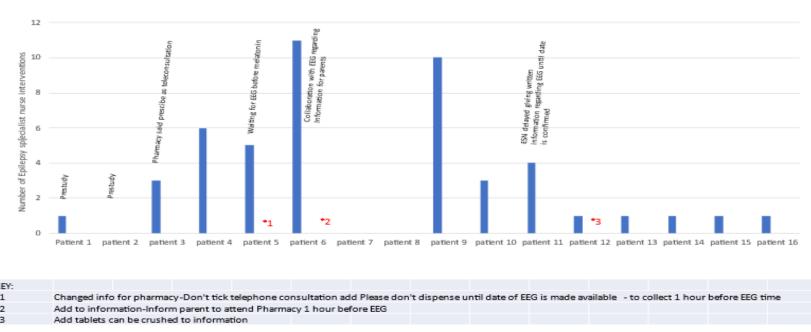
What is the problem:

No clear process leading to a waste of resource, failed tests and unhappy patients.

Driver Diagram PDSA Cycles Primary Drivers Secondary Drivers Ideas for change **PDSA cycles** Explore the ways prescribing can Identify other hospital pathways Develop an agreed affect the dispensing and collection To develop and implement a Pharmacy process pathway for Arrange Meeting with EEG to discuss melatonin EEGs Develop a well planned and improve the process in co production pathway for Storage of Melatonin New process, new leaflet Professionals across the neurophysiology SD Epilepsy team, and pharmacy at Cycle 4 pharmacy and EEG the Royal Free Revise Information Provided Review of information to families site by March Provide Families with clear information about Aim of the test Review the information supplied to Collaboration with EEG the Melatonin EEG Identify the details process pathway <u>Cycle 2</u>: within the SD Pharmacy process process that need changing Cycle 1 Develop a process map Feedback from family and communicate to wider team members Test process changes *RCPCH EQIP

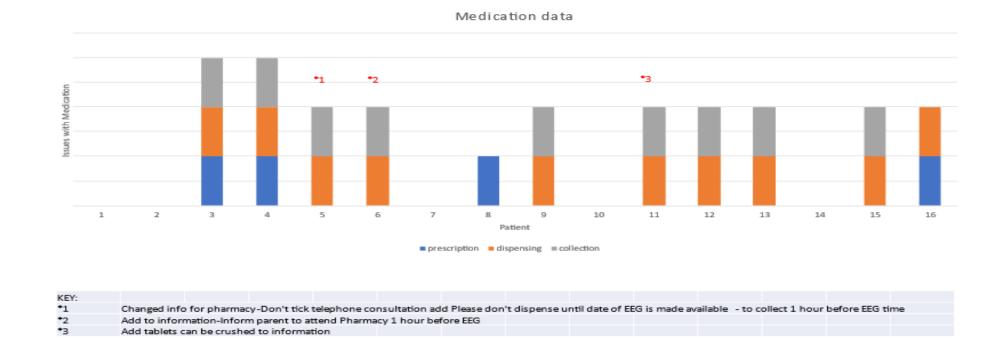
What our tests revealed

Data- ESN Contacts



What our tests revealed

Data- Medication



Patient engagement feedback

Patient Feedback





Team personal learning/Team highlights

Team Lessons Learned

- 1 change per patient
- Not audit
- Engagement with other teams- and how it will help with other aspects of the service
- Needs to be done as a whole team
- Advice- make it part of the day- devote 1 hour per week

Successes/Challenges

Success and Challenges

Overall happier families- better informed & prepared Better understanding of the process and how to improve Better collaboration with EEG department

EEG Staffing- increased time for change to be implemented EEG waiting time very long- low numbers to study Working across multiple sites- challenges with stakeholder engagement and patient information

Next steps

Next Steps

- New information to be trust agreed and printed
- Continue with EEG meetings to improve other aspects of the service
- To look at other issues highlighted by families eg provision for neuro diverse patients
- Use EQIP in other areas
- To complete the process map and publish as an SOP
- To create a bundle of care
- To look at other sources of patient engagement for future projects