

DECK OF CARDS

For Acute Neurology investigation

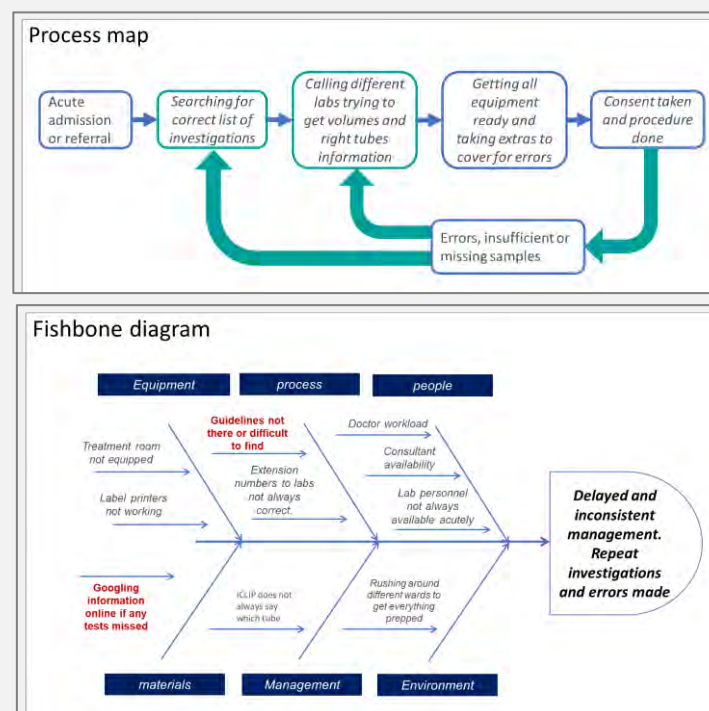
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BACKGROUND:

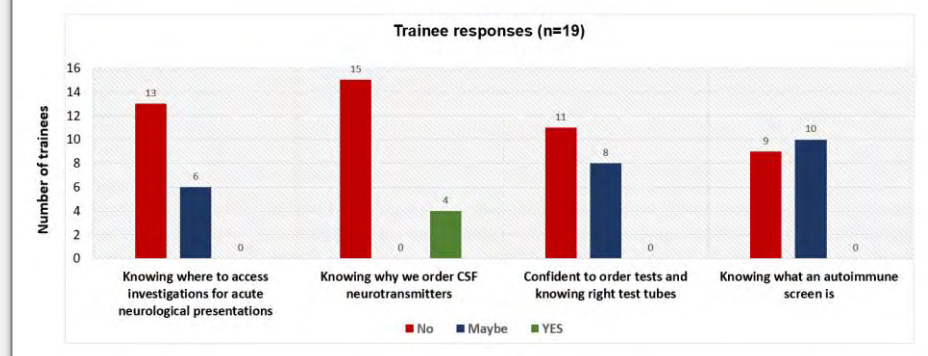
Finding out the investigations to order for common neurological conditions and doing them right is a challenge.

We **RACE** and **CHASE** around for tests & tubes for blood and spinal fluid when **investigating** children for acute **neurological** diseases. **Time is wasted, mistakes** are made and **children** can be **harm**ed.

DIAGNOSTICS:

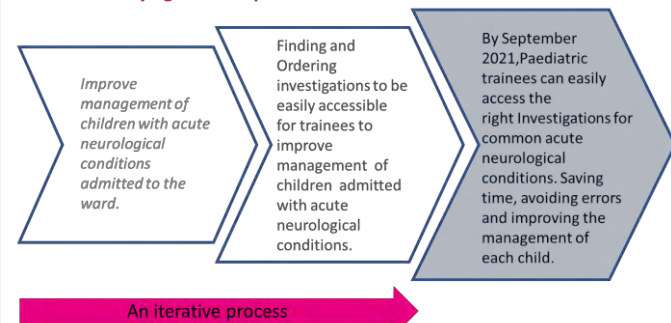


Histogram



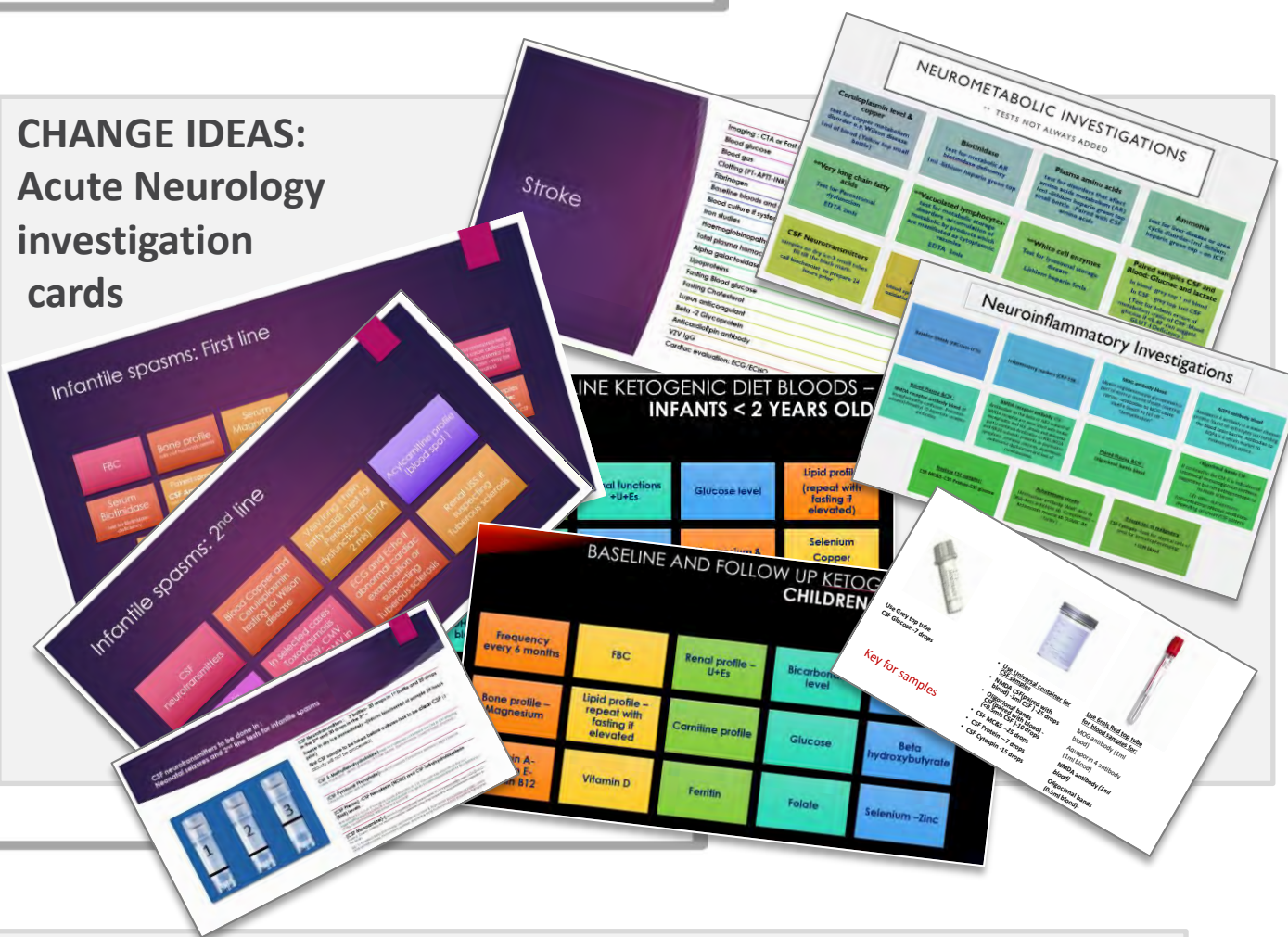
AIM & MEASUREMENT DEFINITION

What are we trying to accomplish?

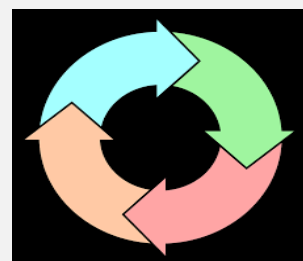


- Aim:** Improvement of access to the right investigations for acute neurological conditions for trainees
- Chosen measure:** Number of trainees knowing where to access investigations for acute neurological conditions and knowing what tests to order and tubes and amounts of samples needed confidently
- Inclusions:** Registrars and junior doctors
- Exclusions:** Trainees not working on the Neurology ward. Clinical nurse specialists
- Sampling method & frequency:** Trainees to retake the survey after having access to change ideas - Run to be done over 2 days.

CHANGE IDEAS: Acute Neurology investigation cards



PDSA cycles



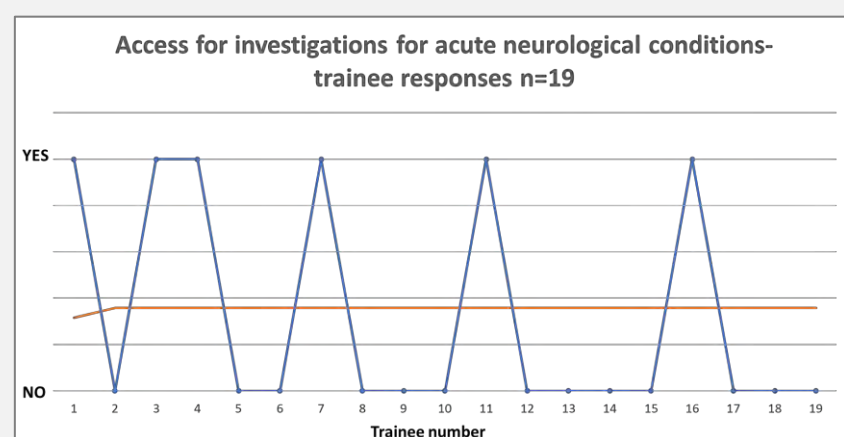
• PDSA: Do, Study, Act

- Do:** 1. Send survey 2-3 questions alongside the flash cards of neurological investigations to trainees to see if it's now easier to understand and implement.
- Study:** 2. Get feedback from Paediatric neurology consultant about my idea. Check the answers given by the trainees and if it improved knowledge / ease of doing and ordering tests. Check the feedback given by consultants on the change ideas.
- Act:** Next steps..... Adapt and try again or adopt it if it works.

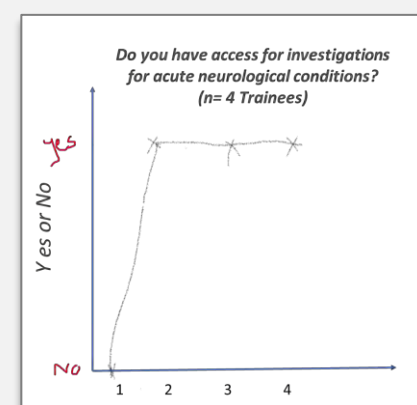
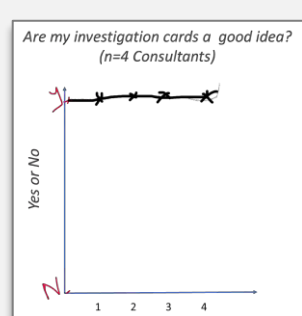
PDSAs – Summary table

PDSA Test #	PLAN	Do	STUDY	ACT
1.1	Neurological investigations - list made	Personally speak to my consultants and show them the cards I designed	I got their feedback and adjusted the investigation cards accordingly - They added and removed tests to make it easier	Adopt the idea and implement the list of investigations on cards or a poster
1.2	Neurological investigations cards to be made accessible and easy	Survey first to test what trainees already know on paediatric neurology investigations	Analysed answers. 100% of trainees did not know or were not confident knowing where to access the investigations list. 94% did not know what tubes specific tests went into.	Adapting the investigation cards and adding information on the tubes and amounts needed.
1.3	Neurology investigation cards made available to the trainees on the online platform	Repeat: Send the survey again to trainees now with the investigation cards available	Analysed answers given by the trainees. 75 % now know where to access investigations lists.	Poster to be done with all the cards and maybe further feedback for adaptation of the project

RUN CHART: Baseline measure



Sampling after Change ideas



Model for improvement Reflection & Learning

