# Improving the Paediatric Epilepsy Pathway

## One Seizure at a Time

Royal United Hospitals Bath NHS Foundation Trust

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RCPCH EQIP
Epilepsy quality improvement programme

**Aim:**

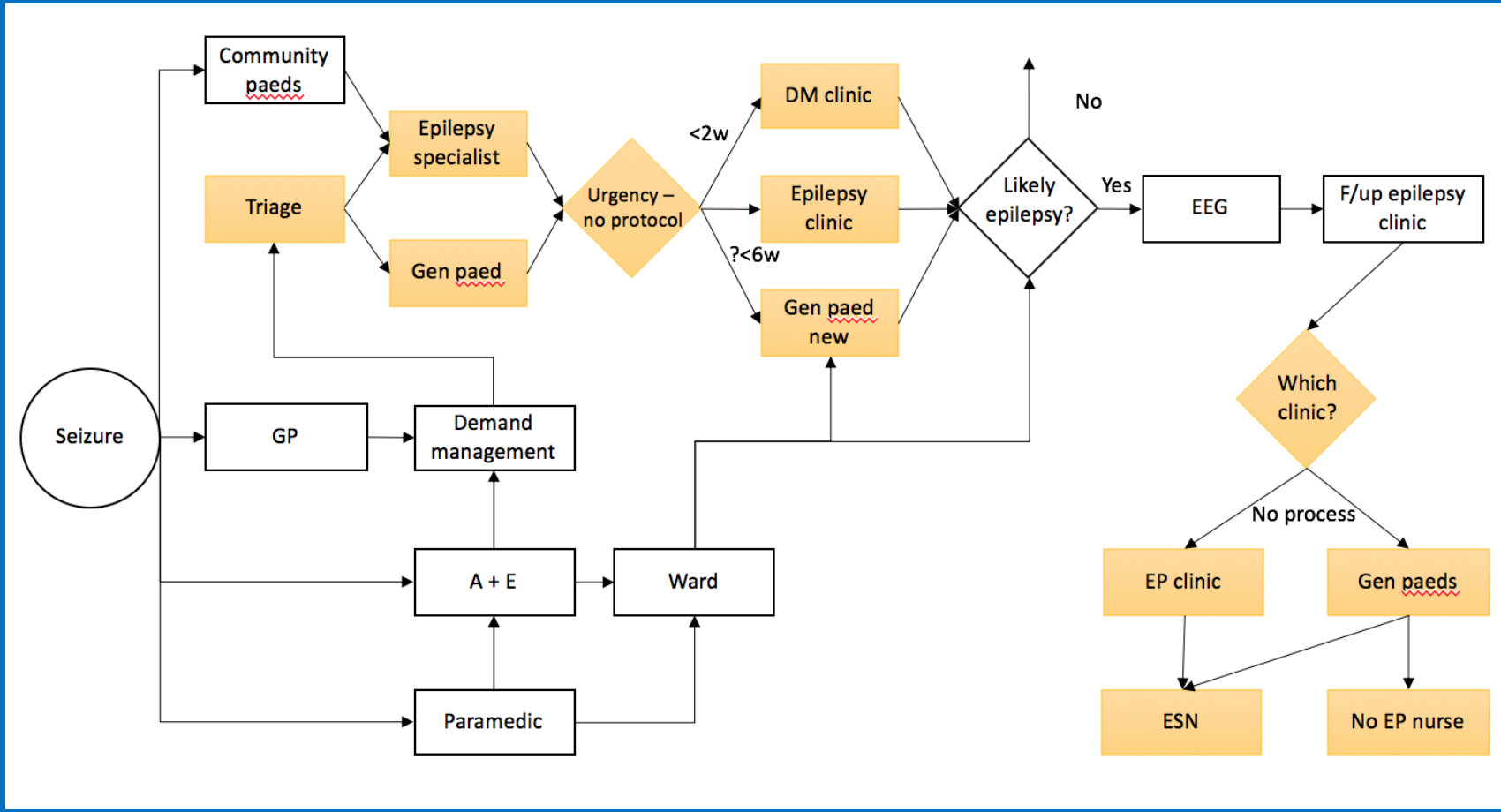
To develop and implement the first afebrile seizure pathway to provide a high standard, uniform service to all

**Background:**

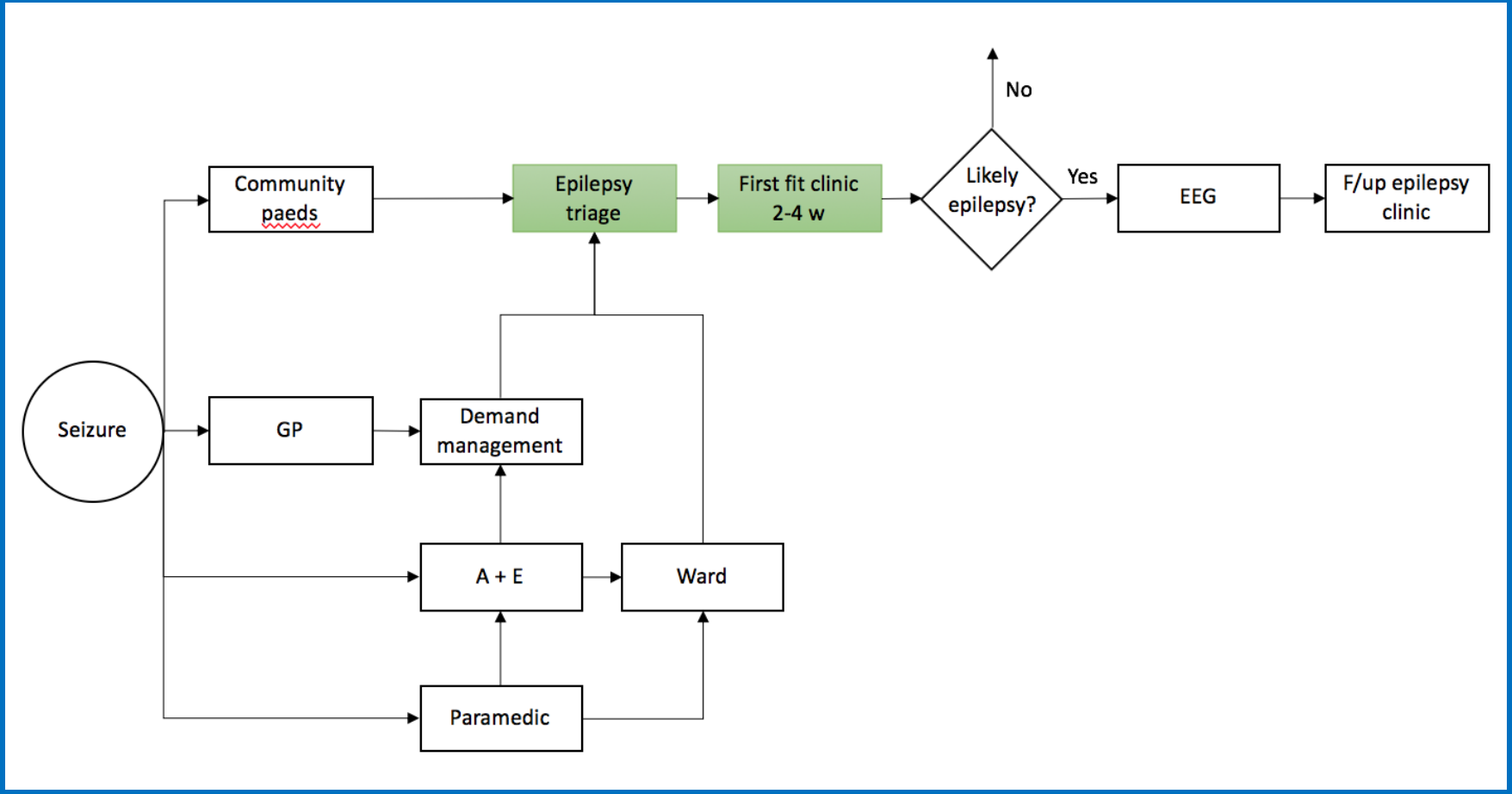
- Accurate epilepsy diagnosis can be difficult
- RUH Paediatric department has almost 300 patients with a diagnosis of epilepsy
- Almost 25% are *not* managed via epilepsy clinic
- Access to the epilepsy service is complex leading to disparity in the quality of care

Through evaluation of service demand together with implementation of a pathway for first afebrile seizures, we hope to change the service to introduce consistent, high quality care.

# Process map before EQiP intervention



# Process map after EQiP intervention



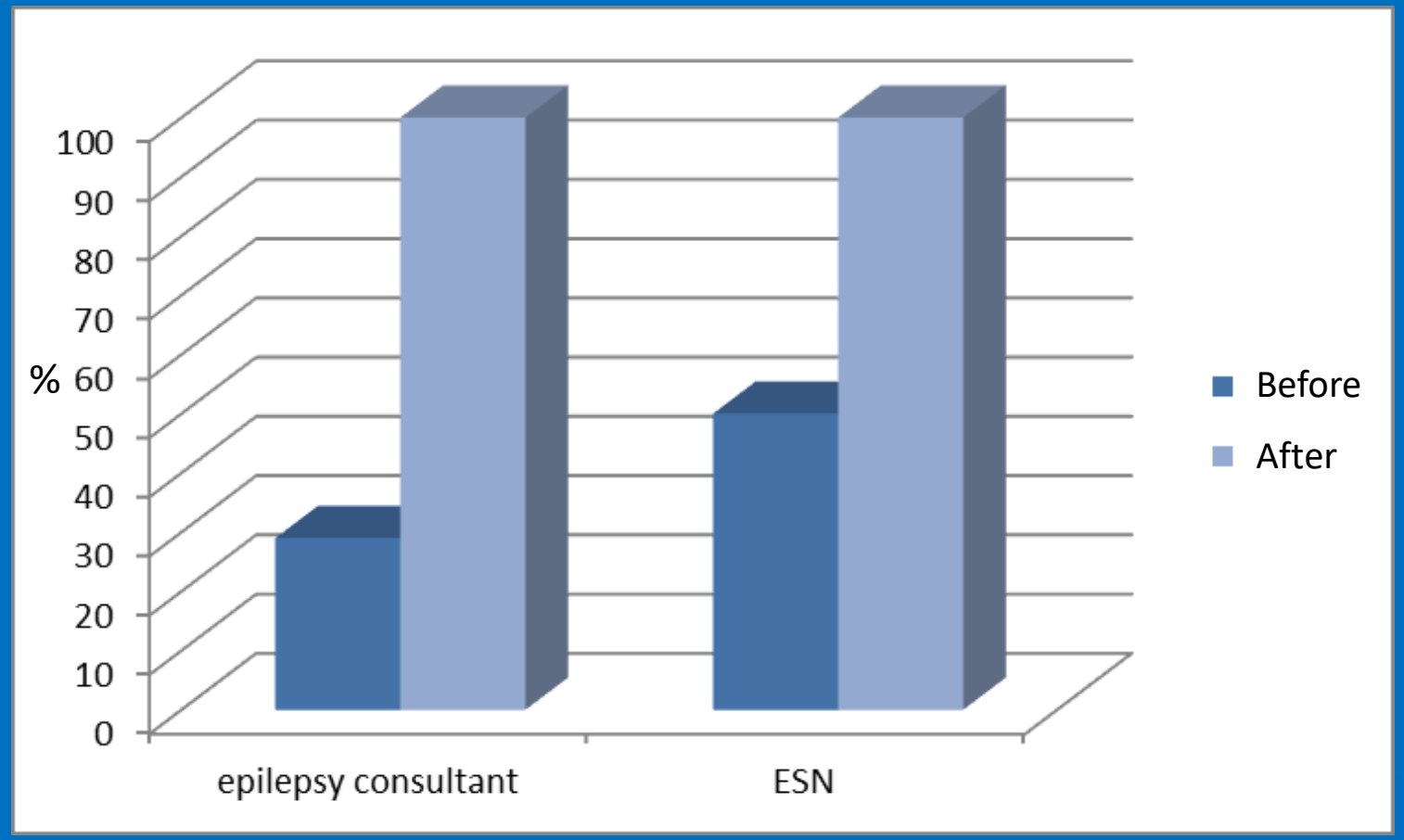
# Outcome Data

**Before EQiP – E12 Cohort 1**

- 24 patients
- 4 seen from the start by epilepsy specialist, 7 seen subsequently
- 12 has been referred to ENS
- Longest wait for clinic following GTC 4 months

**After EQiP**

- 53 patients
- All seen by epilepsy specialist, all had ESN input
- Majority seen within 6 weeks of referral
- Longest wait for clinic following GTC  3 weeks with ESN contact within 2 weeks



# Feedback & Other Projects

There is some excellent work taking place in the epilepsy team at the moment

## Our new webpage


Its great to have the same team looking after us from the start

Can you keep these new video consultations after Covid – they are so much easier and we don't have to find somewhere to park!

Thank you for phoning ahead of our clinic appointment, it really put my mind at rest

The website looks fab!

# Conclusion

- EQiP facilitated  complete service redesign
- There are challenges but the regular national meetings act as a driver to get work done
- Opportunity to learn (and steal ideas) from other EQiP Teams
- Initial success of service redesign sparked enthusiasm for other ideas
- We still have work to do but feel armed with the right tools and the knowledge we can achieve success