Epilpesy12 is national audit with the continued aim of helping services, and those commissioning health services, to measure and improve the quality of care for children and young people. The Royal College of Paediatrics and Child Health (RCPCH) has been recommissioned to deliver Round 4 of Epilpesy12.

Epilepsy12 would love to hear from your teams about any quality improvement activities you have undertaken in the past year to improve the care provided to children and young people with epilepsies. Selected case studies will be published on our website.

Some examples of these may include (but are not limited to):

- How your team has ensured that patients and families are being informed of SUDEP.

- How your Trust/Health Board have supported young people transitioning to adult services.

- How your service has integrated mental health care and screening into your epilepsy clinics.

- How waiting times have reduced for assessments, treatments, investigations, etc.

For an example, you can read last year's Quality Improvement Case Studies here.

Please complete this Quality Improvement case study form, where the prompts which may be of use when describing your trust's activities. The maximum word count for case studies is **500 words**. Please email the Epilepsy12 team at epilepsy12@rcpch.ac.uk with your case studies before the **28th March 2024**.

EPILEPSY12 2024 QUALITY IMPROVEMENT CASE STUDY APPLICATION FORM

Trust name	South Tyneside and Sunderland NHS Foundation Trust
Name of regional network	Paediatric Epilepsy Network North East and Cumbria (PENNEC)
Name and Title of Primary Contact	Dr Carl Harvey, Consultant Paediatrician Dr Madhu Dasarathi, Consultant Paediatrician
Email	Carl.harvey1@nhs.net
Telephone	0191 5656256

Please describe any quality improvement activities you have undertaken this past year to improve the care provided to children and young people with epilepsies. You may wish to use the following prompts.

Maximum 500 words

1. Briefly explain the aims and objectives of your quality improvement activity

Mental health

To introduce routine screening using the Strengths and Difficulties Questionnaire (SDQ) for mental health difficulties, in additional to enquiry in history at each consultation, and to have clearer pathway regarding who to signpost to resources and who to refer to CAMHS.

SUDEP

To improve the proportion of patients where individual risk of SUDEP discussed.

Video platform use

Use of ISLACare Video Platform to improve patient care by having access to videos of suspected seizures in a timely manner, sharing records with MDT team/tertiary opinion where required, explore use for triage to clinic appointments

2. Describe the steps taken to achieve those aims

Mental health

We undertook a prospective pilot study of 21 patients to determine feasibility of use of the SDQ questionnaire in clinic.

SUDEP

We completed a retrospective case note audit Sep 2021 to Sep 2022 based in electronic health care records at Trust, looking at documentation of individual risk discussion of SUDEP with parent/carers and young people in clinic.

Video Platform Use
One of two trusts in the region to participate in pilot trial with Clinical Governance approval.

3. Outline the changes and improvement in epilepsy care which was observed by your work

Mental health

SDQ used regularly in clinic to identify patients at increased risk of mental health issues, and clearer pathway based on scores to indicate whether signposting to resources or referral to mental health team. National and local resources to support mental wellbeing in children and young people were identified to share with patients.

SUDEP

We showed an improvement in the proportion of patients where individual risk SUDEP discussed and documentation of these discussions. Whole team approach ie ESN and consultants. Improved results on Epilepsy 12 audit. Nurses using checklist when providing training and developing comprehensive care plan

Video platform

Data collected by ISLAcare and used to facilitate discussions for funding in the trust for ongoing use. Experiences shared from users with outcomes collected. Meeting with ISLAcare team to address IT issues successfully undertaken.

4. Reflect on what you believe went well in your project and anything you would do differently

All these projects allowed the team to identify practical solutions on how to improve these aspects of patient care.

5. Describe the next steps to your quality improvement

- We are still awaiting on funding approval for use of Video Platform. Once this is done, would hope our IT system can integrate the videos shared by patients into their medical records.

- The next step is to explore how can gain funding to allow better access to mental health worker for children and young people with epilepsy in clinic.

Please continue on a separate sheet if you need more space.

Please provide the names and roles of your team who were involved in the quality improvement activities	
Name	**Current role**
Dr Madhuri Dasarathi	*Consultant Paediatrician supervision of both audits*
Adam Wallace	*SUDEP audit*
Nicoleta Kontopyrgou	*SDQ audit*
Paediatric Epilepsy team	*Video platform use for paediatric epilepsy - pilot trial*

Please continue on a separate sheet if you need more space.

Please provide the name your Trust's Business Manager, Clinical Director or Service manager: **Dr Lorna Gillespie, Consultant Neonatalogist**	
Please ensure that the following confirm that they have read and fully support this application to submit a Quality Improvement case study for Epilepsy12	
Business Manager, Clinical Director or Service manager Signature	**Niall Mullen, Clinical Governance Lead Paediatrics**
Date	**26/03/24**