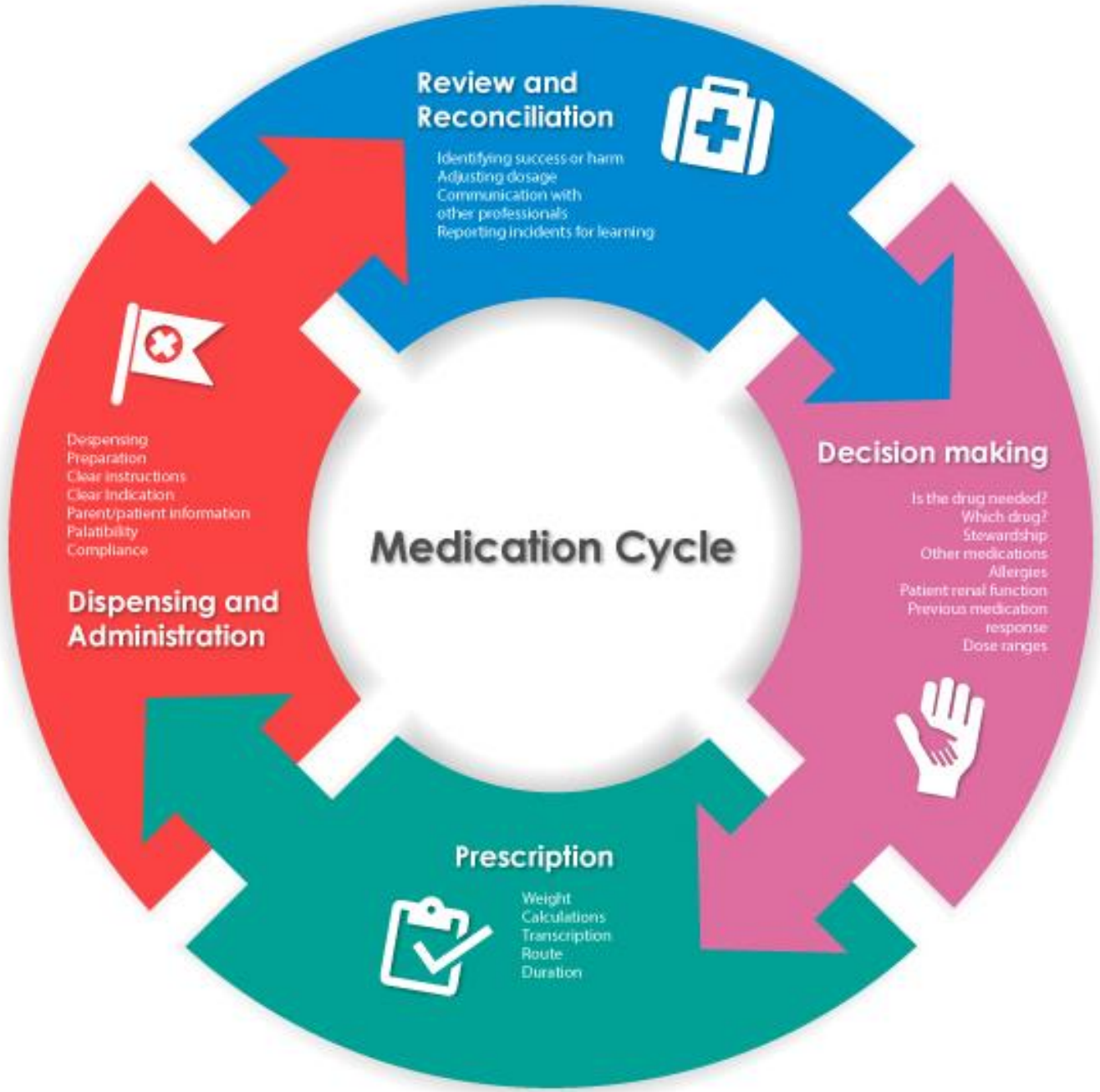
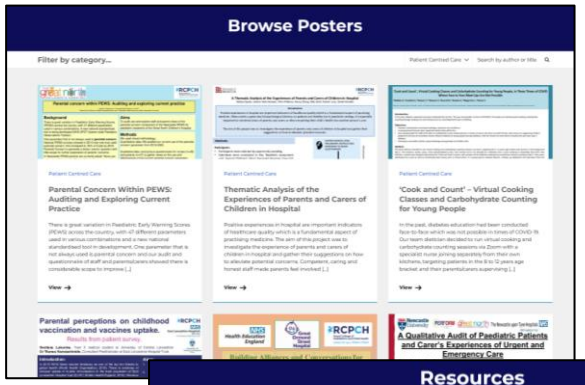
Safe prescribing

1. What % of reported errors are medication related?
   - A. 5%
   - B 15%
   - C 20%

2. What is the frequency of harm from medication errors in children compared to adults?
   - A. Equal
   - B. x3
   - C. x5

what we think is happening vs what is actually happening


Review and Reconciliation
Identifying success or harm
Adjusting dosage
Communication with other professionals
Reporting incidents for learning
Decision making
Is the drug needed?
Which drug?
Stewardship
Other medications
Allergies
Patient renal function
Previous medication response
Dose ranges
Prescription
Weight
Calculations
Transcription
Route
Duration
Dispensing and Administration
Despensing
Preparation
Clear instructions
Clear Indication
Parent/patient information
Palatibility
Compliance
Medication Cycle


Browse Posters
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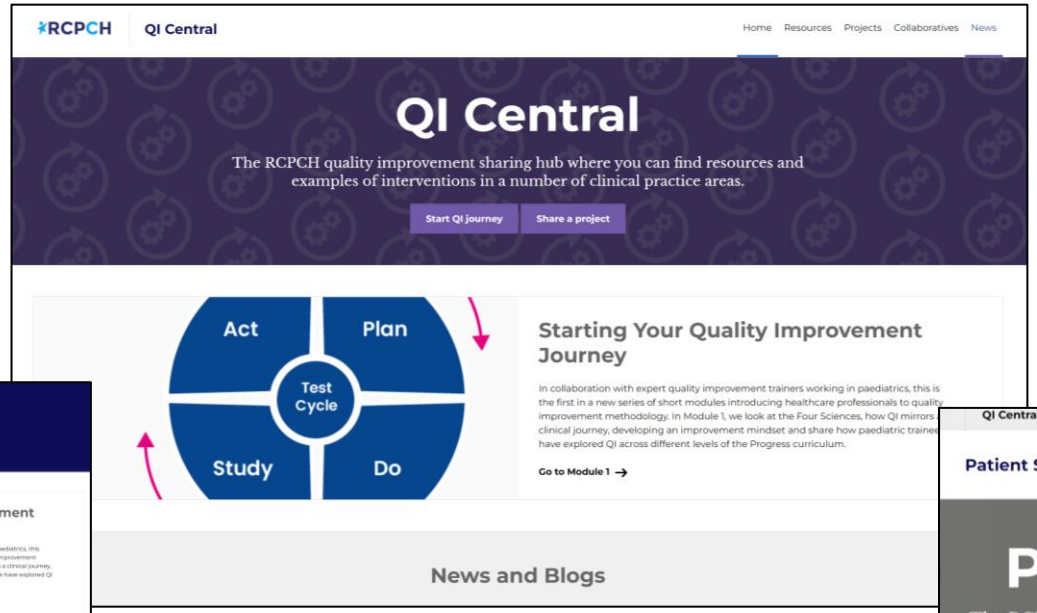
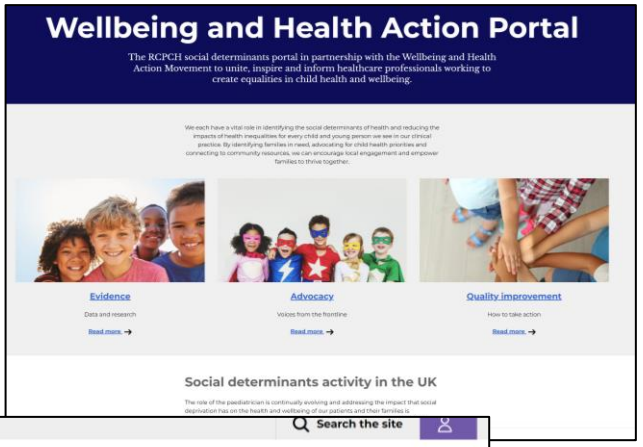
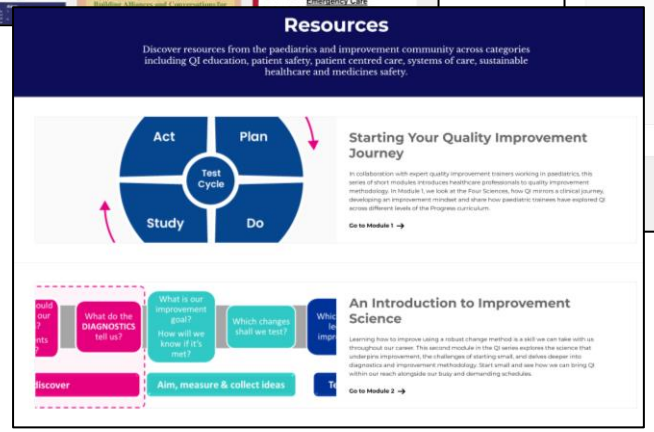
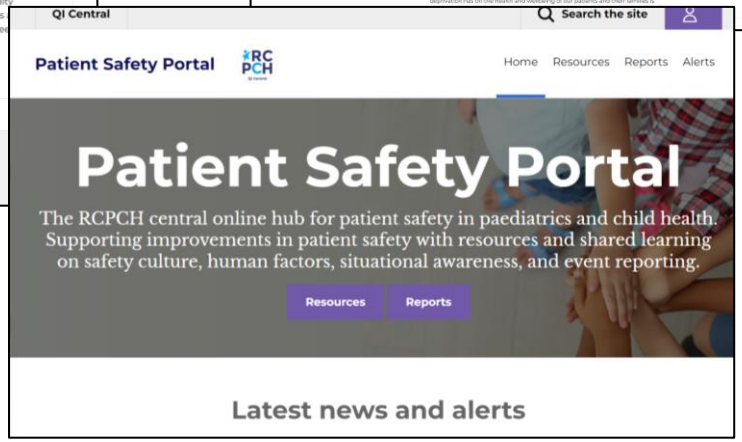
Parental Concern Within PEWS: Auditing and Exploring Current Practice
Thematic Analysis of the Experiences of Parents and Carers of Children in Hospital
'Cook and Count' – Virtual Cooking Classes and Carbohydrate Counting for Young People
Parental perceptions on childhood vaccination and vaccines uptake.
A Qualitative Audit of Paediatric Patients and Carer's Experiences of Urgent and Emergency Care


RCPCH
QI Central
Home
Resources
Projects
Collaboratives
News
QI Central
The RCPCH quality improvement sharing hub where you can find resources and examples of interventions in a number of clinical practice areas.
Start QI journey
Share a project
Act
Plan
Test Cycle
Study
Do
Starting Your Quality Improvement Journey
In collaboration with expert quality improvement trainers working in paediatrics, this is the first in a new series of short modules introducing healthcare professionals to quality improvement methodology. In Module 1, we look at the Four Sciences, how QI mirrors a clinical journey, developing an improvement mindset and share how paediatric trainees have explored QI across different levels of the Progress curriculum.
Go to Module 1
News and Blogs


Wellbeing and Health Action Portal
The RCPCH social determinants portal in partnership with the Wellbeing and Health Action Movement to unite, inspire and inform healthcare professionals working to create equalities in child health and wellbeing.
Evidence
Advocacy
Quality improvement
Social determinants activity in the UK


Resources
Discover resources from the paediatrics and improvement community across categories including QI education, patient safety, patient centred care, systems of care, sustainable healthcare and medicines safety.
Act
Plan
Test Cycle
Study
Do
Starting Your Quality Improvement Journey
An Introduction to Improvement Science
What do the DIAGNOSTICS tell us?
What is our improvement goal?
How will we know if it's met?
Which changes shall we test?
Discover
Aim, measure & collect ideas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Patient Safety Portal
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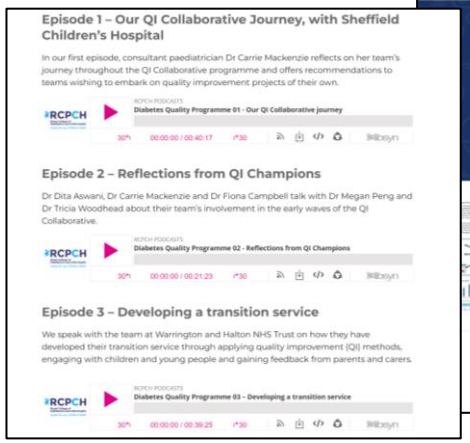
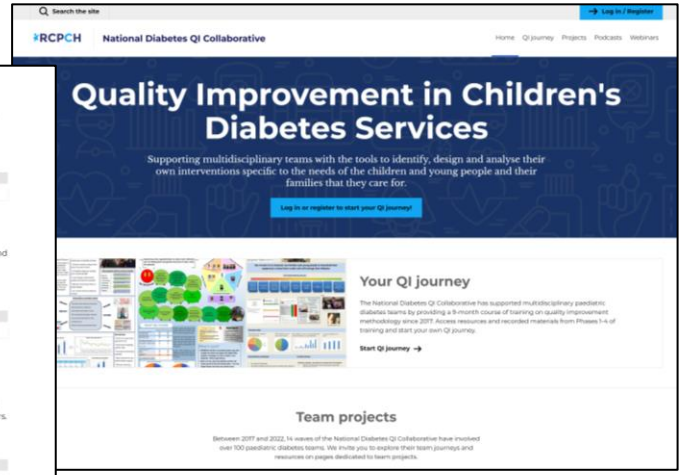
Alerts
Patient Safety Portal
The RCPCH central online hub for patient safety in paediatrics and child health. Supporting improvements in patient safety with resources and shared learning on safety culture, human factors, situational awareness, and event reporting.
Resources
Reports
Latest news and alerts


Episode 1 – Our QI Collaborative Journey, with Sheffield Children's Hospital
In our first episode, consultant paediatrician Dr Carrie Mackenzie reflects on her team's journey throughout the QI Collaborative programme and offers recommendations to teams wishing to embark on quality improvement projects of their own.
Diabetes Quality Programme 01 - Our QI Collaborative journey
Episode 2 – Reflections from QI Champions
Dr Dita Aswani, Dr Carrie Mackenzie and Dr Fiona Campbell talk with Dr Megan Peng and Dr Tricia Woodhead about their team's involvement in the early waves of the QI Collaborative.
Diabetes Quality Programme 02 - Reflections from QI Champions
Episode 3 – Developing a transition service
We speak with the team at Warrington and Halton NHS Trust on how they have developed their transition service through applying quality improvement (QI) methods, engaging with children and young people and gaining feedback from parents and carers.
Diabetes Quality Programme 03 - Developing a transition service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Projects
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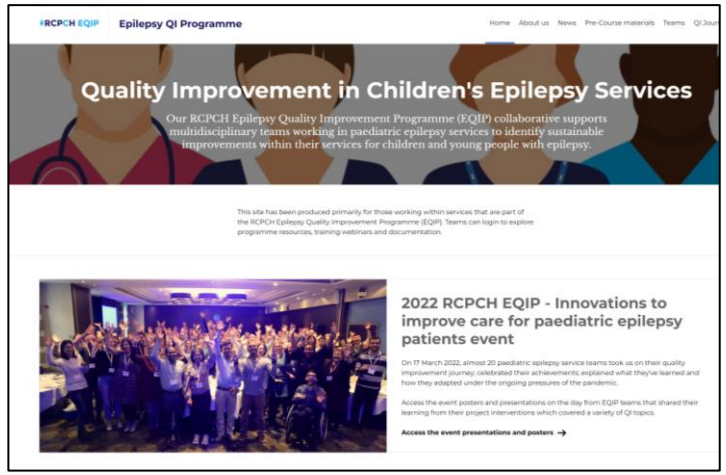
Webinars
Quality Improvement in Children's Diabetes Services
Supporting multidisciplinary teams with the tools to identify, design and analyse their own interventions specific to the needs of the children and young people and their families that they care for.
Log in or register to start your QI journey!
Your QI journey
The National Diabetes QI Collaborative has supported multidisciplinary paediatric diabetes teams by providing a 9-month course of training on quality improvement methodology since 2017. Access resources and recorded materials from Phases 1-4 of training and start your own QI journey.
Start QI journey
Team projects
Between 2017 and 2022, 14 waves of the National Diabetes QI Collaborative have involved over 100 paediatric diabetes teams. We invite you to explore their team journeys and resources on pages dedicated to team projects.


RCPCH EQIP
Epilepsy QI Programme
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Pre-Course materials
Teams
Quality Improvement in Children's Epilepsy Services
Our RCPCH Epilepsy Quality Improvement Programme (EQIP) collaborative supports multidisciplinary teams working in paediatric epilepsy services to identify sustainable improvements within their services for children and young people with epilepsy.
This site has been produced primarily for those working within services that are part of the RCPCH Epilepsy Quality Improvement Programme (EQIP). Teams can login to explore programme resources, training webinars and documentation.
2022 RCPCH EQIP - Innovations to improve care for paediatric epilepsy patients event
On 17 March 2022, almost 20 paediatric epilepsy service teams took us on their quality improvement journey; celebrated their achievements; explained what they've learned and how they adapted under the ongoing pressures of the pandemic.
Access the event posters and presentations on the day from EQIP teams that shared their learning from their project interventions which covered a variety of QI topics.
Access the event presentations and posters

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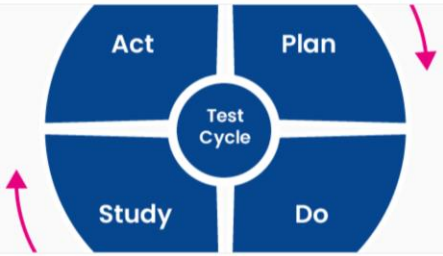
QI Central

The RCPCH quality improvement sharing hub where you can find resources and examples of interventions in a number of clinical practice areas.

Start QI journey | Share a project



Starting You Journey

In collaboration with expert
the first in a new series of sh
improvement methodology.
clinical journey, developing
have explored QI across diffe

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News and Blogs

May 26, 2022 · Webinar

Getting It Right First Time Webinar: Children and Young People's Mental Health

May 5, 2022 · News

Spotlight QI: NHS England National Paediatric Accelerator Programme

Safety

A focus on improving patient safety including resources and projects on safety culture, human factors, situational awareness, event reporting and preventing deterioration.

Read more →

Patient centred care

Patient experience and the voices of children and young people, ensuring that the care we provide is respectful of and responsive to individual patient preferences and needs.

Read more →

Systems of care

Ensuring quality within our systems of care looking at improving efficiency to avoid waste, effective integration of services and QI educational approaches for child health professionals.

Read more →

MedsIQ

Medication errors are a significant but preventable cause of harm to children and young people. MedsIQ aims to bring together tools and improvement projects that have been developed to address this problem. It is our vision that child health professionals will be able to use this resource to support their own improvement work and learn from the experiences of others. At the same time, MedsIQ is bringing together organisations across the UK and beyond to ensure that medication safety remains a priority for paediatric research and practice.

Find out more →

RCPCH Royal College of Paediatrics and Child Health

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RCPCH Data Portal

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QI Central is a programme of the Royal College

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Home » MedsIQ

MedsIQ

Medication errors are a significant but preventable cause of harm to children and young people. MedsIQ is an RCPCH programme focused on improving medication safety.

Safe Prescribing

Resources and projects to reduce prescribing errors in paediatrics including dosage calculators, apps, prescription charts, guides and workbooks.

Read more →

Medicines Safety

Resources and projects to support improvement in paediatric medicines safety including guidance, tools, apps, workbooks and care bundles.

Read more →

Patient Support

Resources and projects to support families on medicines education and management including information leaflets and public awareness campaigns.

Read more →

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RCPCH QI Central

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Home » Resources » Safety » Medicines Optimisation in Specialist Schools

Medicines Optimisation in Specialist Schools

A relatively new area for medicines optimisation where pharmacy workforce transformation can make a huge impact to support, tackle and raise awareness of health inequalities in the special education needs or disabilities sector, with a particular focus on improving medication safety standards and processes at school.

The Problem

Special schools are those that provide an education for children and young people (CYP) with a special educational need or disability (SEND). On 1st September 2014, Section 100 of the Children and Families Act 2014 placed a duty on governing bodies of maintained schools, proprietors of academies and management committees of pupil referral units (PRUs) to have in place arrangements to support pupils with medical conditions at their school.

Reducing health inequalities and improving health and wellbeing are major priorities for pharmacy. Pharmacists' and pharmacy technicians' skills of listening, explaining, advising and questioning are all highly relevant to help identify and support the medicines optimisation needs of CYP with complex health needs in special schools.

Within the collaborative commissioning structure between the NHS and Local Authorities for special schools, there has never been a formal pathway to promote or support the need for a pharmacy led medicines optimisation service in special schools. Hence, huge variations exist nationally on how this model is being delivered. Community health services play a key role in the future of health and care systems.

Aims

The primary aim of this project is to promote:

1. Increased patient safety in schools through the development of a bespoke medicines optimisation service that allows for the improvements to upskill the unregistered teaching workforce in medicines administration, and a reduction in errors – e.g. omitted doses through medicines reconciliation provision

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Medicines Safety

Search by author or title

Medicines Safety

Prescription of Paracetamol as an Antipyretic in Paediatrics: Analysis of Practices in a National Teaching Hospital

Prescriptions of paracetamol for paediatric inpatients at Mater Dei Hospital, a national acute and teaching hospital in Malta, were analysed for sources of error with the British National Formulary for Children used to establish the correct prescribing standard. 54.3% of prescriptions we found to not follow the correct standard leading to incorrect dosing. Of these [...]

View →

Medicines Safety

CRIT: Children Receiving Immunosuppressive Therapy – A Cross-specialty Review of Practice at a Tertiary Children's Hospital

Immunosuppression is integral to the management of a wide range of childhood illness. Multiple paediatric sub-specialities initiate and monitor different immunosuppressive therapies. We undertook a review to understand existing variations in care.

View →

Medicines Safety

Reducing Paracetamol Errors in Children

A paediatric multidisciplinary team work together to reduce the number of paracetamol errors reported in clinical areas by staging a number of interventions based on the reported incident trends

View →