

How to Manage: Paediatric Sick Cell Disease (online)

Programme

Wednesday 17th March 2027

Online platform | Zoom

Audience: Paediatric trainees, SAS doctors and consultants, nurses, AHPs

09:05	Registration	
Chair: Dr Subarna Chakravorty Consultant Paediatric Haematologist, King's College Hospital		
09:15	Welcome and Introduction	Dr Subarna Chakravorty, Consultant Paediatric Haematologist, King's College Hospital
09:30	Management of an acutely ill child with sickle cell disease - a Paediatrician's perspective	Dr Kate Quinan and Dr Tamara Roberts Consultant Paediatrician, King's College Hospital
10:10	Bone marrow transplantation in sickle cell disease-current indications and new developments	Dr Beki James, Consultant Paediatric Haematologist
10:50	Morning Break	
11:10	Screening and prevention of paediatric strokes in sickle cell disease	Dr John Brewin, Consultant Paediatric Haematologist, King's College Hospital
11:50	Nocturnal enuresis in Sickle Cell Disease	Dr Anna Page, Paediatric bladder Consultant, Evelina Children's Hospital
12:30	Lunch	
13:30	Respiratory complications in Sickle Cell Disease	Dr James Cook, Paediatric Respiratory Consultant, King's College Hospital
14:10	Escalation of care from standard to high dependency in Sickle Cell Disease	Dr Alison Thomas, Consultant Paediatric Haematologist, King's College Hospital
14:50	Afternoon Break	
15:10	Infectious complications of Sickle Cell Disease	Professor Aubrey Cunnington, MRC Clinician Scientist and Honorary Consultant in Paediatric Infectious Diseases, Imperial College London
15:50	Hydroxyurea in Sickle Cell Disease – why, when and how much	Dr Subarna Chakravorty, Consultant Paediatric Haematologist, King's College Hospital
16:30	Personal Action Planning – How will you change your practice?	Dr Subarna Chakravorty, Consultant Paediatric Haematologist, King's College Hospital
16:45	Close	

Learning aim

This study day will enable delegates to develop an approach for the effective management of paediatric sickle cell disease.

Learning objectives:

By the end of this course you should be able to:

- Manage the initial presentation of child or young person presenting with sickle cell disease.
- Refer a patient appropriately to the correct service within in a variety of settings.
- Explain the various systemic manifestations of sickle cell disease.
- Discuss the role of bone marrow transplantation in the management of sickle cell disease.
- Understand mechanisms for preventing and screening for paediatric strokes in sickle cell disease.

Clinical Lead

Dr Subarna Chakravorty is a Paediatric Haematologist with a special interest in non-malignant haematology and stem cell transplant for haemoglobinopathy and non-malignant diseases.

She joined King's College Hospital as consultant in July 2015. Prior to that, Subarna led the Paediatric Haemoglobinopathy service at Imperial College Healthcare NHS Trust and the Imperial Paediatric Red Cell Disorders Network for 5 years, where she was also involved in the bone marrow transplant programme for paediatric haemoglobinopathy.

Since 2021, Subarna has been involved in the adult sickle cell bone marrow transplant service at King's College Hospital. Subarna was the national lead for the UK Haemoglobinopathy Peer Reviews, 2018-2020. She is one of the clinical leads at the Southeast London and Southeast England Region Haemoglobinopathy Coordinating Centre for Sickle Cell disease and chairs the Clinical Reference Group for haemoglobinopathy, NHS England.

She is a trustee of the UK Forum on Haemoglobin Disorders. Subarna is interested in clinical and molecular research in sickle cell disease and is involved in several projects at King's College London.

This course has been approved in accordance with the current RCPCH CPD guidelines.

Please note that due to unforeseen circumstances, sessions and presenters may be subject to change.