

ASPiH Paediatrics SIG Develop and Share High Quality Paediatric 6-Year-Old Sepsis Management Scenario – Access it Now!

The ASPiH Paediatric Special Interest Group have developed a Paediatric 6-Year-Old Sepsis Management Scenario which is freely available to all. It has been developed so that it can be used in a variety of simulation environments.

“Our vision for the Paediatric SIG this year was to create simulation content which could be used across different settings, with varying resources, and would have potential to enhance the care of a large number of paediatric patients. We needed to find a way to ensure that the views and practice of a wide range of healthcare professionals across the UK and Ireland were reflected, in order to maximise transferability and uptake. iRIS helped us to achieve this. *Lydia Lofton, ASPiH Paediatric SIG Chair*”

The team of specialists from across the UK used the iRIS Simulation Authoring Platform to collaborate and co-develop the simulation, and all the required resources in a standardised way.

The scenario details a 6 year-old presenting generally unwell when brought to the ED by a parent.

He has been back and forward to the GP and Walk in Centre over the last week. He is now tachycardic and hypovolaemic with pyrexia of 39 and appears septic. The patient will continue to deteriorate, needing advanced airway management and intubation due to reducing GCS and fluid requirements. The patient has fluid resistant shock, so will need inotropic support following initial fluid resuscitation.

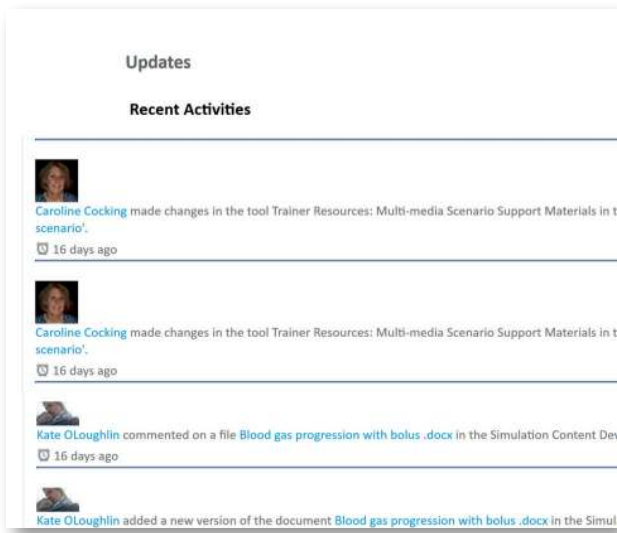


Learner Group Needs Assessment		
Learner Group	Developer(s)	Learner Needs
Resuscitation nurses	Sharon Dempsey	Sepsis 6 Observations Fluids Antibiotic preparation
Senior ED medic	Kate O'Loughlin	Initial assessment and management Referral to Paeds Referral to anaesthetics Referral to PICU
Paediatric team	Lydia Lofton	Assessment and management of Stabilisation Arranging transfer to PICU
Nurse in charge/ shift coordinator	Kirsty Brown	Recognition of sick child Appropriate allocation to area (red) Escalation and handover
Triage nurse	Caroline Cocking	At E triage assessment Recognition of septic child Appropriate escalation and triage Knowledge of paediatric sepsis 6

The scenario is aimed at a range of ED and paediatric staff and focuses on initial assessment and management through to escalation and effective handover to PICU. The Emergency Department team should escalate treatment early, both within the hospital to anaesthetics/ITU and to their local PICU/paediatric retrieval service.

The scenario and all resources, are freely available to all simulation professionals through the iRIS Platform or via this link

www.aspih.org.uk/paediatric-sig-sepsis-scenario/



Trainer Resources: Multi-media Scenario Support Material

Item	Description	Links
Radiology Results	nomal chest	
Other	1st ECG rate 150 ish	
Blood Gasses	4 - Blood gas deterioration	
Blood Gasses	3 - Blood gas after inotropes	
Blood Gasses	2- Blood Gas progression after bolus	
Blood Gasses	1 - ABG initial presentation	
Other	initial GP referral letter	
Other	Sepsis guidelines	
Blood Gasses	Blood gas for initial state	

iRIS provided the Paediatric SIG with a collaborative platform where they could work together and separately to develop the simulation. It guided the team through a robust and standardised simulation development process. It enabled the team to manage their work together, and gave them the tools to thoroughly gather and organise all the resources needed to run the Simulation.

Using iRIS helped the SIG Team to:

- Co-author far more efficiently than emailing scenario templates and resources to each other
- Develop a high quality resource in six short sessions
- Stay aligned and productive - not all the team were present at each session, but those who weren't immediately saw the updates, their actions, and contributed accordingly
- Work on one single version at all times
- Create and provide one-click access to all the resources used to setup and run the simulation such as Scenario Setup and Director Scripts, blood gas results, ECG's and X-Rays
- Create mature materials that can be immediately shared across the wider community

“It was a real pleasure working with the team, and knowing we were working toward the same goal of high quality content that could be accessed and used by anyone caring for paediatric patients. The process provided by iRIS, and the collaboration tools kept us all working together, and really helped us deliver what we set out to achieve.”

Lydia Lofton, ASPIH Paediatric SIG Chair

iRIS allows all simulation professionals to:

- Maximise the impact of simulations through standardised, high quality authoring
- Achieve significant time efficiencies for authoring content and collating simulation resources
- Reduce the time and effort required to train colleagues in the authoring of content
- Increase the impact of high quality content through sharing across the community.

iRIS is a low-cost, high value Simulation Authoring Platform
Up to 10 Users for £1,750 + VAT per annum
Includes coaching sessions for up to 10 Scenarios



Education Platform

For further information on the iRIS Simulation Authoring Platform please visit www.irissimulationauthoring.com or contact info@twme8.com