

Subject Topic	
Framework Profile	P4 –Recognition of a Sick Baby & Child in the Emergency Department
Associated E-Learning or Webinar tutorials	<ul style="list-style-type: none"> • Structured Approach to the sick baby and child • Fluid assessment and management • Pain assessment and management
Simulation learning objectives	<ul style="list-style-type: none"> • Discuss a Structured Approach to Sick Baby and Child in the Emergency Department • To demonstrate initial assessment & management • Recognise the severity of illness • Allocation of roles in teams • Communicate within teams in the Emergency Department
Target Group	<p>Nursing and medical students</p> <p>Junior doctors and nurses</p>
Delivery method	Facilitated discussion and simulated learning event
Timeframe	60minutes
Resources for session	<p>EdWISE Paediatric box</p> <p>Zara and Marvin manikins</p> <p>Paediatric charts for local setting</p> <p>Paediatric normal values chart</p> <p>10% dextrose</p>

This project was possible due to funding made available by Health Workforce Australia

Session Structure - EdWISE PROGRAM – Recognition of a Sick Baby & Child in the Emergency Department		
Timing	Welcome and Introduction	Resource
5 mins	<p><i>Welcome and Introduction</i></p> <ul style="list-style-type: none"> • Provide Housekeeping – Fire Exits, mobile phones on vibrate • Provide a summary of what the workshop will involve and the expectations from the participants • Introduce yourselves - facilitation team, host team and participants. Include experience of cardiac patients <p>If this is not the first module run on that day, the participants are the same and this has been covered previously, then this section can be missed out.</p>	<p>Video conferencing unit</p> <p>Enough seats for the participants and arranged in a horseshoe facing the VC unit and camera.</p> <p>Led by the team over VC but with host team supplying information on the fire exits/toilets/etc.</p>
Timing	Main Topic Presentation	
25 mins	<ul style="list-style-type: none"> • Discuss a Structured Approach to Sick Baby and Child in the Emergency Department • To demonstrate initial assessment & management • Recognise the severity of illness • Allocation of roles in teams • Communicate within teams in the Emergency Department 	PowerPoint presentation

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Timing	Familiarisation to Mannequin & equipment	
5 mins	<p>Introduce students to mannequin & capabilities</p> <p>Familiarisation to Broselow Trolley</p>	Local faculty to familiarise the students to the environment/ mannequin/actors. Can use the familiarisation video, to guide the local faculty, if needed.
Timing	Simulation	
10 mins	<p>Participant Briefing Rose has been brought in by her parents unusually drowsy.</p> <p>Case Summary: 4 year old girl, Rose, presents with an altered level of consciousness having accidentally ingested grandmother’s metformin tablets. The team need to perform a structured approach to her assessment, find the hypoglycaemia and commence treatment.</p>	
Timing	Debrief	
10 mins	<p>Key clinical issues Systematic approach to assessment Importance of BSL in the assessment of the child Consideration of underlying causes of hypoglycaemia – metformin, metabolic disturbances, other drugs Management of hypoglycaemia – when to use IV vs oral glucose replacement</p>	<p>Key non technical issues Communication with parent and nurse Team Work</p>

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Timing	Summary
5 mins	<ul style="list-style-type: none">• Observation provides a wealth of information• DRS-ABCDE approach to assessment<ul style="list-style-type: none">○ Resuscitation, secondary care, tertiary care• Paediatric tools aid your assessment• Include the parents and child in the process

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