

Subject Topic	
Framework Profile	P2: Basic Clinical Paediatrics
Associated E-Learning or Webinar tutorials	<ul style="list-style-type: none"> • Approaching children in the ED • Interacting with parents of sick children • Basic assessment skills • Neurological Assessment of children • Assessing and managing pain in children
Simulation learning objectives	<ul style="list-style-type: none"> • Discuss a comparison between paediatric and adult patients • Demonstrate a quick basic assessment of the paediatric patient • Understand an initial approach to paediatric patients and their parents • Review the Paediatric Assessment Triangle
Target Group	<p>Nursing and Medical Students</p> <p>Junior Nursing and Medical Staff</p>
Delivery method	Facilitated discussion and Simulated Patient encounter
Timeframe	60 minutes
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>Print out of PAT summary</p> <p>Bottle of bubbles</p> <p>Toy truck</p>

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

Session Structure - EdWISE PROGRAM – P2: Basic Clinical Paediatrics		
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 paediatric 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	
15 mins	<ul style="list-style-type: none"> • Introduction to simulation & confidentiality • Differences between adult and paediatric patients • How to approach paediatric patients and their parents • The Paediatric Assessment Triangle (PAT) 	PowerPoint presentation

Timing	Familiarisation to Mannequin & equipment	
5 mins	<p>Introduce students to mannequin & capabilities – both Marvin and Zara Familiarise available equipment and paperwork in the room Ensure team understand simulation rules, including how to access help.</p> <p>This is an opportunity to practice applying the PAT tool. Ask the participants to demonstrate and verbalise their assessment of the child presented in each scenario in a visual and tactile assessment.</p> <ul style="list-style-type: none"> • Appearance – TICLS – Tone, Interactivity, Consol ability, Look, Speech • Work of Breathing • Circulation <p>Following each assessment discuss with the group concerning features of the PAT.</p>	<p>Local faculty to familiarise the students to the environment/ mannequin/actors. Can use the familiarisation video, to guide the local faculty, if needed.</p>
Timing	Simulation – Case 1	
3mins	<p>Participant Briefing One participant is to assess Zara for her PAT</p> <p>Scenario outline Case: 3 month old girl Appearance: lying sprawled on bed, eyes closed, nil interaction, weak cry, Work of Breathing: effortless tachypnoea, no audible abnormal breath sounds, v mild recession Circulation: mottled skin colour Vital signs: HR 140, RR 45, SBP 65, Sats 93% RA, T 39.2</p>	
Timing	Debrief	
7mins	<p>Discussion of the abnormalities found in PAT for Zara Discussion of triage</p>	

Timing	Simulation – Case 2
3mins	<p>Participant Briefing One participant to assess Marvin for his PAT</p> <p>Scenario outline Case: 5 year old boy Appearance: Sitting on bed, sniffing the air position, distressed, crying, does not interact, does not make eye contact, unwilling to lie down Work of Breathing: stridulous breath sounds, mild recession, sniffing the air position Circulation: skin pink Vital signs: HR 140, RR 35, SBP 110, Sats 98% RA, T 36.9</p>
Timing	Debrief
7mins	<p>Discussion of the abnormalities found in PAT for Marvin Discussion of triage</p>
Timing	Simulation – Case 3
3mins	<p>Participant Briefing One participant to assess Marvin for his PAT</p> <p>Scenario outline Case: 5 year old boy Appearance: Sitting on bed, tripod position, makes eye contact but does not speak Work of Breathing: wheeze audible, mild recession Circulation: skin pink Vital signs: HR 145, RR 48, SBP 110, Sats 93% RA, T 37.2</p>

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Timing	Debrief
7mins	Discussion of the abnormalities found in PAT for Marvin Discussion of triage
Timing	Summary
5 mins	<ul style="list-style-type: none"> • Children are not little adults <ul style="list-style-type: none"> ○ Continuum of anatomy, physiology and psychology progressing to adulthood • The Paediatric Assessment Triangle <ul style="list-style-type: none"> ○ Appearance, Work of Breathing, Circulation • Stay calm, be non-threatening, engage the child, include parents

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