

HONG KONG COLLEGE OF PAEDIATRICIANS WORKING GROUP ON CURRICULUM REVIEW
 SYLLABUS PROPOSAL

AREA: Emergency Paediatrics

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Non-specialist Reviewer: Winnie Tse

BASIC TRAINING

TOPICS	SUBTOPICS
Emergency room paediatrics	Resuscitation of a critically ill child Assessment of a febrile child Assessment and management of a seizing child Body weight estimation and appropriate paediatric emergency drug dosing Common emergencies encountered in various subspecialties
Minor trauma, wounds and burns	Assessment and first-aid of bruises, simple wounds and minor burns and indications for surgical referral Indications for tetanus prophylaxis Management of minor head injuries, including indications for neuroimaging
Toxicology	General approach to drug overdose Management of paracetamol poisoning, including subacute, chronic and supratherapeutic poisoning
Orthopaedic problems	Approach to a limping child Recognising radiographic features of fractures Recognising the limitation of simple X-ray in children

Essential skills

Domain 1 – Professional values & behaviour

Domain 3 – Procedures (including PALS, NRP, Sedation safety)

Domain 4 – Patient management

Desirable skills

1. Procedural analgesia
2. Use of Broselow tape

HIGHER TRAINING

TOPICS	SUBTOPICS
Emergency room paediatrics	Foreign bodies in ear, nose and throat

	<p>Multidisciplinary collaboration in resuscitating and stabilizing a critically ill child</p> <p>Indications for PICU support and facilitate transfer</p> <p>Intra-hospital and inter-hospital transfer of a critically ill child</p> <p>Risk assessment of Brief resolved unexplained event (BRUE)</p> <p>Understand the risk factors of sudden expected death in infancy</p>
Minor trauma, wounds and burns	<p>Management of extravasation injuries</p> <p>Recognition and management of non-accidental injuries</p>
Toxicology	<p>Recognition and management of various toxidromes</p> <p>Collaboration with external toxicology resources (e.g. Poison Information Centre, Emergency Department)</p> <p>Understand the role and limitations of point-of-care and laboratory-based toxicology tests</p> <p>Risk assessment and indications for referral for advanced support (e.g. PICU support, renal replacement or ECMO)</p> <p>Be aware of medications that are life-threatening even when ingested in small amount accidentally by small children (e.g. tricyclic antidepressants, anti-arrhythmic drugs, opioids, clozapine, antimalarials, beta blockers, calcium channel blockers, theophylline, oral hypoglycaemics)</p>
Orthopaedic problems	<p>Identifying fractures suggestive of non-accidental injury</p> <p>Differentiating pathological fractures and initiating appropriate workup and referrals</p>
Ophthalmological problems	<p>Acute red eye</p> <p>Acute conjunctivitis</p> <p>Periorbital and orbital cellulitis</p>

Essential skills:

Domain 1 – Professional values & behaviours

Domain 3 – Procedures

Domain 4 – Patient management

Desirable skills (optional for General Paediatric Training)

1. Wound management including local anaesthetics administration, irrigation and simple sutures
2. Rapid sequence induction and emergency intubation in children population

CROSS REFERENCE WITH

Various subspecialties for their respective emergency situations

Paediatric Intensive Care – trauma, particularly major trauma, submersion injury

Gastroenterology – Acute abdominal emergencies

PIAID – Anaphylaxis

Rheumatology - limping

Paediatric Neurology – limping

Community Health – Non-accidental injuries