

ADVANCED PAEDIATRIC LIFE SUPPORT COURSE

Knowledge	Knowledge with Competencies
<p>Epidemiology of cardiac arrest in childhood Differences between children and adults Childhood accidents and their prevention Child abuse in the emergency situation Dealing with death Acid base balance Fluid and electrolyte management, diabetes, dehydration Triage Envenomation Resuscitation at birth Stabilisation and transfer of sick children</p>	<p>Basic life support Advanced life support Management of foreign body airway obstruction Management of cardiac arrest Airway management Oxygen delivery Bag-valve-mask ventilation Tracheal intubation Safe defibrillation Recognition of the seriously ill child The structured approach to the seriously ill child Working within / to lead a team of health care professionals in emergency care Approach to the child with breathing difficulties</p> <ul style="list-style-type: none"> • Management of croup, epiglottitis • Management of asthma, bronchiolitis, pneumonia, anaphylaxis <p>Approach to the child in shock</p> <ul style="list-style-type: none"> • Management of septic shock, hypovolaemic shock • Management of the child with duct dependent congenital heart disease, cardiomyopathy • Management of the child with dysrhythmias <p>Approach to the comatose or convulsing child</p> <ul style="list-style-type: none"> • Management of meningitis, encephalitis, opiate poisoning, hypoglycaemia • Management of status epilepticus • Management of hypertension presenting with coma/convulsions <p>The structured approach to the seriously injured child</p> <ul style="list-style-type: none"> • Management of the child with chest injury • Management of the child with abdominal injury • Management of the child with head injury • Management of the child with spinal injury • Management of the burned/scalded child • Management of the child with an electrical injury • Management of the child with near drowning <p>Vascular/intraosseous access Use of fluids and medications in resuscitation Interpretation of trauma x-rays Insertion of chest drains Surgical airway management Cervical collar use, spine immobilisation, log rolling Management of pain in children</p>