



Emergency Medicine Society of South Africa

**PRACTICE GUIDELINE
EM006**

RESUSCITATION TROLLEY EQUIPMENT
General Practice rooms
In-hospital: wards, clinics, and other non-emergency areas

This Practice Guideline sets out the minimum recommended contents of a resuscitation trolley, for areas of the hospital other than the Emergency Centre, or for use in general practice rooms.

Excluding the cover page, this Practice Guideline is **4** pages.

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DEVICES TO OPEN AND PROTECT AIRWAY	
Laryngoscope set	handle with adult & paediatric blades, spare bulbs & spare batteries
Tracheal tubes	uncuffed (sizes 2.5 – 5.5mm) cuffed (sizes 3.0 - 8.5mm)
Water-soluble lubricant / KY jelly	
10 ml syringe	
Tape or equivalent to tie tube in place	
Oropharyngeal airways	sizes 000 - 5
Nasopharyngeal airways	sizes 3 – 7
DEVICES TO CONFIRM TRACHEAL INTUBATION	
Oesophageal detector device	
End tidal CO ₂ monitoring	include single use colorimetric devices
EQUIPMENT FOR DIFFICULT INTUBATION	
Introducers for ET tubes	adult & paediatric stylets
Magill's forceps	adult & paediatric
Laryngeal masks	sizes 1 – 5
Gum elastic bougie	adult & paediatric
DEVICES TO DELIVER OXYGEN AND TO VENTILATE PATIENTS	
Bag valve ventilation devices	with oxygen reservoir & adult, paediatric & neonatal masks
Oxygen delivery devices	partial rebreather masks, nebulizer masks, nasal prongs and T-piece
Oxygen supply	with flow regulator and oxygen tubing
EQUIPMENT TO DIAGNOSE AND TREAT CARDIAC DYSRHYTHMIAS	
ECG monitor defibrillator	with conductive paste or pads, paddles, electrodes & razor
Cardiac arrest board	
DEVICES TO GAIN INTRAVASCULAR ACCESS	
I.V. cannulae	14-24G and appropriate strapping
Needles and syringes	1-50ml
Sharps container	
Adult & Paediatric intraosseous needles	or bone marrow needles
I.V administration sets	Including blood administration sets, high flow sets and buretrol
EQUIPMENT FOR MONITORING AIRWAY, BREATHING AND CIRCULATION	
Stethoscope	
Pulse oximeter	with adult & paediatric probes
Non invasive blood pressure monitoring device	including paediatric & large adult cuff sizes
Thermometer	including low reading capability
Blood glucose testing	
Collection tubes for investigations	

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APPROPRIATE HARDWARE	
Heavy duty scissors to cut clothing	
Drip stand or equivalent hanging device	
Suction devices and suction catheters	rigid & flexible tips
Paediatric Broselow tape	
Fixation devices	adult & paediatric semi-rigid cervical collars
	head blocks,
	spine boards
	restraining devices
blankets & towel rolls	
Universal precautions	gloves, goggles, gowns & face masks
Suture material	
Resuscitation trolley	capable of high Fowlers and Trendelenberg
MISCELLANEOUS	
Medication stickers	
Resus Council Algorithms	
Resuscitation documentation record	

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ESSENTIAL DRUGS
Adrenaline
Amiodarone
Antibiotics (range depends on local incidence)
Antihistamine (e.g. promethazine)
Aspirin
Atropine
Beta stimulant nebulisation (eg salbutamol) and inhaler with spacer
Calcium chloride 10%
Dextrose 50% IV
Furosemide
Glucagon
Hydrocortisone
Insulin
Ipratropium nebulisation and inhaler with spacer
Lignocaine IV
Magnesium
Medical oxygen
Potassium chloride
Naloxone
Sodium bicarbonate 8.5%
Thiamine
IV SOLUTIONS
Ringers lactate or equivalent balanced salt solution
0.9% NaCl
10% Dextrose
Appropriate paediatric solutions (e.g. half dextrose darrows, neonatalyte)

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