



**HEALTH PROFESSIONS COUNCIL OF SOUTH  
AFRICA**

**PROFESSIONAL BOARD FOR EMERGENCY CARE**

**CAPABILITIES OF EMERGENCY CARE PROVIDERS**

**SEPTEMBER 2010**

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**CAPABILITIES OF EMERGENCY CARE PROVIDERS**

CAPABILITY		BAA	ILS	CGAND	EGT	ECP
<b>Airway Management</b>						
1	Finger sweep	✓	✓	✓	✓	✓
2	Head-tilt-chin lift	✓	✓	✓	✓	✓
3	Jaw-thrust	✓	✓	✓	✓	✓
4	Suctioning of the airway	✓	✓	✓	✓	✓
5	Airway obstruction removal techniques	✓	✓	✓	✓	✓
6	Use of Magill's forceps		✓	✓	✓	✓
7	Oropharyngeal airway insertion	✓	✓	✓	✓	✓
8	Nasopharyngeal tube airway insertion		✓	✓	✓	✓
9	Cricoid pressure		✓	✓	✓	✓
10	Orotracheal intubation			✓		✓
11	Nasotracheal intubation			✓		✓
12	Blind nasotracheal intubation			✓		✓
13	Digital endotracheal intubation			✓		✓
14	Retrograde intubation			✓		✓
15	Supraglottic extraglottic airway devices insertion			✓	✓	✓
16	Orogastric intubation			✓	✓	✓
17	Nasogastric intubation			✓	✓	✓
18	Needle cricothyrotomy			✓	✓	✓
19	Surgical cricothyrotomy			✓		✓
20	Rapid sequence intubation, only with capnography & ventilator					✓

**Oxygenation and Ventilation**

21	Oxygen therapy	✓	✓	✓	✓	✓
22	Nebulization (medicated)		✓	✓	✓	✓
23	Use of pulse oximetry		✓	✓	✓	✓
24	Needle thoracentesis		✓	✓	✓	✓
25	Bag valve mask ventilation	✓	✓	✓	✓	✓
26	Bag valve tube ventilation	✓	✓	✓	✓	✓
27	Mechanical ventilation			✓		✓
28	Use of PEEP			✓		✓
29	Use of capnography			✓	✓	✓

**Circulatory Management**

30	Blood pressure measurement	✓	✓	✓	✓	✓
31	Peripheral intravenous cannulation - ≥ 8 year old patients only		✓	✓	✓	✓
32	Peripheral intravenous cannulation - all age categories			✓	✓	✓
33	External jugular vein cannulation			✓	✓	✓
34	Femoral vein cannulation			✓		✓
35	Intra-osseous insertion			✓	✓	✓
36	Umbilical vein cannulation			✓	✓	✓
37	Fluid administration		✓	✓	✓	✓
38	Intravenous drug administration			✓	✓	✓
39	Intraosseous drug administration			✓	✓	✓

40	Subcutaneous drug administration		✓	✓	✓	✓
41	Intramuscular drug administration			✓	✓	✓
42	Endotracheal tube drug administration			✓		✓
43	Drug infusions and use of infusion devices			✓		✓
44	Use of syringe drivers			✓		✓
45	Use of non-invasive blood pressure monitors		✓	✓	✓	✓
46	External haemorrhage control including use of tourniquet	✓	✓	✓	✓	✓
47	Use of pneumatic anti-shock garment - legs only		✓	✓	✓	✓
48	Use of pneumatic anti-shock garment - entire			✓		✓
49	Automated external defibrillation	✓	✓	✓	✓	✓
50	Manual defibrillation (asynchronous)		✓	✓	✓	✓
51	Synchronised cardioversion			✓		✓
52	Vagal manoeuvres			✓		✓
53	Central line management			✓		✓
54	Transcutaneous cardiac pacing			✓		✓
55	3 Lead ECG monitoring		✓	✓	✓	✓
56	12 Lead ECG monitoring			✓		✓
57	Fibrinolysis					✓

#### ECG Rhythm Analysis

58	Normal sinus rhythm		✓	✓	✓	✓
59	Sinus bradycardia		✓	✓	✓	✓
60	Sinus tachycardia		✓	✓	✓	✓
61	Ventricular fibrillation		✓	✓	✓	✓
62	Ventricular tachycardia		✓	✓	✓	✓
63	Asystole / PEA		✓	✓	✓	✓
64	All other emergency cardiac dysrhythmias			✓		✓

#### Obstetric Management

65	Normal vaginal delivery	✓	✓	✓	✓	✓
66	Prolapsed cord management	✓	✓	✓	✓	✓
67	Breech delivery management (scope specific)	✓	✓	✓	✓	✓
68	Mal presentations management (scope specific)	✓	✓	✓	✓	✓
69	Preterm labour management (scope specific)	✓	✓	✓	✓	✓
70	Obstructed labour management (scope specific)	✓	✓	✓	✓	✓
71	Fundal massage	✓	✓	✓	✓	✓
72	Bimanual compression			✓		✓
73	Tocolysis			✓		✓

#### General

74	CPR (adult, child, infant & neonate)	✓	✓	✓	✓	✓
75	Patient clinical assessment	✓	✓	✓	✓	✓
76	Vital sign assessment	✓	✓	✓	✓	✓
77	Finger prick and blood glucose measurement	✓	✓	✓	✓	✓
78	Cervical spinal clearance			✓		✓
79	Application of cervical collar	✓	✓	✓	✓	✓
80	Application of head blocks	✓	✓	✓	✓	✓
81	Application of spider harness	✓	✓	✓	✓	✓
82	Spinal immobilization using scoop stretcher & long spinal board	✓	✓	✓	✓	✓
83	Spinal immobilization using an extrication device	✓	✓	✓	✓	✓

84	Application of splints including the traction splint	✓	✓	✓	✓	✓
85	Application of vacuum mattress		✓	✓	✓	✓
86	Use of stretchers	✓	✓	✓	✓	✓
87	Urinary catheterization			✓	✓	✓
88	Basic wound care and application of dressings	✓	✓	✓	✓	✓
89	Suturing		✓	✓		✓
90	Declaration of death: withdrawal of resuscitation efforts		✓	✓	✓	✓
91	Declaration of death: withholding resuscitation	✓	✓	✓	✓	✓
92	Administration of medication as per current HPCSA protocol	✓	✓	✓	✓	✓
93	General patient inter-facility transfer	✓	✓	✓	✓	✓
94	Intensive care transfer			✓		✓
95	Neonatal transfer (non-intubated patient)		✓	✓	✓	✓
96	Neonatal intensive care transfer			✓		✓