



# KERALA STATE COUNCIL FOR CLINICAL ESTABLISHMENTS

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## **NOTIFICATION**

(Under Section 47 (2) of Kerala Clinical Establishments (Registration and Regulation) Act 2018

No: 217/Accts/KSCCE/2023

Thiruvananthapuram, 02.05.2023

*In exercise of the powers conferred under section 47 (2) of Kerala Clinical Establishments (Registration and Regulation) Act 2018, The Secretary Kerala State Council for Clinical Establishments hereby notifies the lifesaving services to be provided by each category of Clinical Establishments.*

## **Categorization of Health Care Institutions**

### **I. Primary Health Care Institutions**

- a. Clinic
- b. Poly Clinic
- c. Day Surgery Center
- d. Hospital

### **II. Secondary Health Care Institutions**

### **III. Tertiary Health Care Institutions**

# **I. Primary Health Care Institutions**

## **a. Clinic**

A clinic may be defined as a clinical establishment providing examination, consultation and prescription to outpatients including dispensing of medicines by a single / general practitioner/ specialist doctor /super-specialist doctor.

### **Life Saving Services to be provided**

- Emergency First Aid
- Basic Resuscitation

### **Equipments needed in a Primary Clinic**

Attached as Annexure-1

### **Emergency Drugs needed**

Attached as Annexure-2

### **Safe Transport Service to be provided**

- Contact details of ambulance shall be provided
- Contact details of centralized Ambulance service (Eg. 108) to be provided
- Contact numbers of nearest taxi stand should be available/ displayed at the clinic

## **b. Polyclinic**

A polyclinic may be defined as a clinical establishment providing examination, consultation, prescription to outpatients including dispensing of medicines by more than one doctor/general practitioner/specialist doctor/super-specialist doctor.

### **Life Saving Services to be provided**

- Appropriate facility for First Aid
- Basic Resuscitation

### **Equipments needed in a Poly Clinic**

Attached as Annexure-1

### **Emergency Drugs needed**

Attached as Annexure-2

### **Safe Transport Service to be provided**

- Ambulance service to be available in the clinical establishment, which can be outsourced.
- The Ambulance services should comply with the applicable local laws, even if they are outsourced.

### **c. Day Surgery Centre**

A Day Surgery Centre is where operative/ endoscopic procedures are performed, and where admission, procedure and discharge are all done on the same day/within 24 hours. It should have one or more Operating rooms with provision for Anesthesia and accommodation for post-operative recovery of the patients.

### **Life Saving Services to be provided**

- Appropriate facility for First Aid
- Basic Resuscitation

### **Equipments needed in a Day Surgery Centre**

Attached as Annexure-1

### **Emergency Drugs**

Attached as Annexure-2

### **Safe Transport Service to be provided**

- Ambulance service to be available in the clinical establishment, which can be outsourced.
- The Ambulance services should comply with the applicable local laws, even if they are outsourced.

### **d. Hospital**

A hospital is a clinical establishment providing patient treatment by qualified and trained staff and equipment through Modern system of medicine; where the patients are 'admitted' and stay overnight or more and they are referred as 'inpatients'; while some patients may go to a hospital just for diagnosis, treatment, or therapy and then leave, they are referred as 'outpatients' without staying overnight.

### **Life Saving Services to be provided**

- Casualty service – emergency Medical Services
- Emergency Resuscitation needed

### **Equipments needed**

Attached as Annexure-1

### **Emergency Drugs needed**

Attached as Annexure-2

### **Safe Transport Service to be provided**

- Ambulance service to be available in the clinical establishment, which can be outsourced.
- The Ambulance services should comply with the applicable local laws, even if they are outsourced.

## **II. Secondary Health Care Institutions**

This level may include all the services provided at primary plus also have facility for Surgery and Anesthesia and ICU Level I or level II and major theatre. Secondary healthcare services can be provided through registered medical practitioner under supervision and with support of specialists; it will have other support systems required for these services like pharmacy, laboratory, diagnostic facility etc.

### **Life Saving Services to be provided**

- Casualty service – emergency Medical Services
- Emergency Resuscitation
- Continuing care as per the scope of service.

### **Equipments needed**

Attached as Annexure-1

### **Emergency Drugs needed**

Attached as Annexure-2

### **Safe Transport Service to be provided**

- The establishment has provision of transporting patients for transfer/referral/investigations etc. in safe manner.
- Ambulance Services may be in-house or outsourced.
- The Ambulance services should comply with the applicable local laws, even if they are outsourced.

### **III. Tertiary Health Care Institutions**

This level may include all the services provided at primary and secondary plus the following: Multi-specialty clinical care with distinct departments, General Dentistry, Intensive Care Unit level II or above. Tertiary healthcare services can be provided through specialists; it will have other support systems required for these services like pharmacy, Laboratory, and Imaging facility.

#### **Life Saving Services to be provided**

- Including Services in the Secondary care
- Emergency Resuscitation
- If there is no general surgeon, there must be an on call surgeon

#### **Equipments needed**

Attached as Annexure-1

#### **Emergency Drugs**

Attached as Annexure-2

#### **Safe Transport Service to be provided**

- The hospital shall have provision of transporting patients for transfer/referral/investigations etc. in safe manner.
- The ambulance service shall be in-house and shall comply with the applicable local laws.
- Critical patient shall be transported under supervision of trained and qualified staff in appropriate ICU ambulance services.

## Annexure -1

### List of Equipment for Emergency Care

Sl No	Equipment	Primary Health Care Institutions						Secondary Health Care Institutions	No.	Tertiary Health Care Institutions	No.
		Clinic	No.	Polyclinic	No	Day Surgery Center & Hospital	No				
1	Oxygen cannula, mask, non-rebreather mask	Y	1 set	Y	5 sets	Y	15 Sets	Y	50 Sets	Y	100 sets
2	Suction equipment	Y	1	Y	3	Y	1/ Floor	Y	1/ Ward	Y	2/ Ward
3	Pulse Oximeter	Y	1	Y	2	Y	4	Y	10	Y	
4	Adult AMBU Bag and mask and airway adjuncts	Y	2	Y	4	Y	4	Y	10	Y	30
5	Paediatric AMBU bag, masks and oral adjuncts	Y	1	Y	1	Y	4	Y	6	Y	6
6	Neonatal AMBU bag, masks and oral adjuncts	N		Y	1	Y	2	Y	4	Y	10
7	Laryngoscope with Adult and Paediatric Blades	N		Y	2	Y	4	Y	6	Y	20
8	ET Tubes	N		Y	APD	Y	APD	Y	APD	Y	APD
9	Nasogastric Tubes	N		Y	APD	Y	APD	Y	APD	Y	APD
10	O2 Cylinder with flowmeter	Y	B : 1	Y	B: 4	Y	B: 10 D: 3	Y	B: 20 D: 6	Y	B: 50 D:10

	"B" type (M) ( for Pt Transport )				D: 1		LOT		LOT: 2KL		LOT :6KL
11	Central Gas Supply	N		N		Y		Y		Y	
12	IV cannula, drip set, IV fluids	Y	AP D	Y	APD	Y	APD	Y	APD	Y	APD
13	IO needle	N	NIL	Y	2	Y	4	Y	6	Y	6
14	Pressure dressing	Y	AP D	Y	APD	Y	APD	Y	APD	Y	APD
15	Suturing set	Y	AP D	Y	APD	Y	APD	Y	APD	Y	APD
16	Urinary catheter, Uro-bag	Y	AP D	Y	APD	Y	APD	Y	APD	Y	APD
17	Philadelphia Cervical collar, Neck stabilization device,	Y	2	Y	APD	Y	APD	Y	APD	Y	APD
18	Spine board	N		Y	2	Y	2	Y	4	Y	6
19	Temporary splints	Y	2	Y	4	Y	4	Y	10	Y	30
20	Medicine Trolley with emergency drugs	Y	2	Y	2	Y	4	Y	10	Y	20
21	IV Stand	Y	4	Y	8	Y	APD	Y	APD	Y	APD
22	Warmer (warm air blower to prevent hypothermia )	N		N		Y	APD	Y	APD	Y	APD
23	Automated External Defibrillator	Y	1	Y	1	Y	1	Y	2	Y	2
24	Multipara Monitor	N		Y	2	Y	4	Y	6	Y	15
25	Manual Defibrillator with pacing	N		Y	1	Y	1	Y	4	Y	4

	capability										
26	Bedside ECG	N		N		N		D		Y	2
27	ECG Machine	D		Y	1	Y	1	Y	2	Y	4
28	Nebulizer with accessories	Y		Y	APD	Y	APD	Y	APD	Y	APD
29	Resuscitation Bed	N		Y	1	Y	2	Y	2	Y	6
30	Crash Cart	D		Y	2	Y	4	Y	6	Y	20
31	Paediatric Crash Cart	N		D		Y	2	Y	4	Y	4
32	Broselows Tape	D		Y	1	Y	2	Y	APD	Y	APD
33	Portable X Ray	N		N		Y	1	D		Y	2
34	X-ray facility in vicinity of ED	N		Y	1	Y	1	Y	1	Y	1
35	Portable Ultrasound with Doppler	N		N		N		N		Y	2
36	USG facility near ED	N		N		Y	1	Y	1	Y	1
37	CT Scan	N		N		N		D		N	
38	ETCO2 Monitor	N		N		N		D		Y	4
39	NIV - BIPAP	N		N		N		D		Y	5
40	Ventilator	N		N		Y	2	N	1	Y	6
41	Transport Ventilator	N		N		N		N		Y	2
42	Transport Monitor	N		N		Y	1	D		Y	2
43	Cricothyrotomy set	N		N		N		D		Y	2



44	Tube Thoracostomy set	N		Y	2	Y	2	Y	2	Y	APD
45	Ultrasonic Nebulizer	N		N		N		N		Y	2
46	ABG Machine and Syringes	N		N		N		D		Y	2
47	Infusion Pumps	N		N		D		D		Y	2 PER ICU AND HDU BEDS
48	Syringe Pumps	N		N		D		D		Y	10
49	Central Venous Catheter	N		Y	APD	Y	APD	D		Y	APD
50	Adult Tourniquet	N		Y	1	Y	1	D		Y	4
51	Paediatric Tourniquet	N		N		D		D	2	Y	2
52	Glucometer	Y		Y		Y		Y		Y	
52	Condom tamponade tray	N		N		N		Optional. Only in delivery points.			
53	Transvaginal uterine artery clamp	N		N		N					
54	Panickers cannula with suction	N		N		N					
55	NPASG	N		N		N					

**APD : AS PER DEMAND**

**N : NOT REQUIRED**

**Y : REQUIRED**

**D : DESIRABLE**

## Annexure – 2

### List of Essential Drugs

Sl No	Drug	Route	Preparation	Primary Health Care Institutions			Secondary Health Care Institutions	Tertiary Health Care Institutions
				Clinic	Polyclinic	Day Surgery Center & Hospital		
1	Oxygen Medicinal Gas	Inhalation	2-15 L/ minute	Y	Y	Y	Y	Y
2	Lignocaine Hydrochloride	Jelly sterile/Injection	2%	Y	Y	Y	Y	Y
3	Diazepam	rectal suppository	Suppository	Y	Y	Y	Y	Y
4	Diazepam	Injection	10mg	Y	Y	Y	Y	Y
5	Phenytoin Sodium	Injection	50mg	Y	Y	Y	Y	Y
6	Paracetamol	Tablet	500 mg/650 mg	Y	Y	Y	Y	Y
7	Paracetamol	Syrup	100 mg/5 ml	Y	Y	Y	Y	Y
8	Paracetamol	Injection/Infusion	2ml, 100ml	Y	Y	Y	Y	Y
9	Cetirizine	Tablet	10 mg	Y	Y	Y	Y	Y
10	Cetirizine	Suspension	5 mg/ml,60 ml	Y	Y	Y	Y	Y
11	Pheniramine maleate	Injection	22.75 mg/ml	Y	Y	Y	Y	Y
12	Atropine	Injection	0.5mg/ml	Y	Y	Y	Y	Y
13	Hydrocortisone Sodium Succinate	Powder for injection	100 mg vial	Y	Y	Y	Y	Y
14	Adrenaline	Injection	1 mg/ml(1:1000)	Y	Y	Y	Y	Y
15	Charcoal activated	Powder	250 mg	Y	Y	Y	Y	Y

16	Magnesium sulphate	Injection	500mg/ml	Y	Y	Y	Y	Y
17	Gentamycin Sulphate	Injection	40 mg/ml,2 ml vial	Y	Y	Y	Y	Y
18	Amoxicillin	Capsule	250 & 500 mg	Y	Y	Y	Y	Y
19	Amoxicillin	Oral liquid	250 mg/5 ml	Y	Y	Y	Y	Y
20	Metronidazole	Tablet	200 mg/400mg	Y	Y	Y	Y	Y
21	Glycerine tri-nitrate	Tablet (sublingual)	500 mcg	Y	Y	Y	Y	Y
22	Isosorbide di-nitrate	Tablet (sublingual)	5 mg	Y	Y	Y	Y	Y
23	Calamine lotion	Lotion	8%	Y	Y	Y	Y	Y
24	Povidone iodine	Solution	5%	Y	Y	Y	Y	Y
25	Povidone iodine	Ointment	5%	Y	Y	Y	Y	Y
26	Oral Rehydration Salts	Powder for solution	As per IP	Y	Y	Y	Y	Y
27	Tetanus vaccine	Injection	0.5 ml Ampoule	Y	Y	Y	Y	Y
28	Anti-Rabies vaccine	Injection	ID	D	D	Y	Y	Y
29	Ciprofloxacin	Eye Drops	0.30%	Y	Y	Y	Y	Y
30	Saline	Nasal Drops	0.60%	Y	Y	Y	Y	Y
31	Salbutamol Sulphate	Nebulizer solution	5 mg/ml	Y	Y	Y	Y	Y
32	Budesonide	Nebulizer solution	15 ml vial	Y	Y	Y	Y	Y
33	Glucose/dextrose	Injectable solution	5%, isotonic	Y	Y	Y	Y	Y
34	Glucose/dextrose	Injectable solution	25%	Y	Y	Y	Y	Y
35	Ringer lactate	Injectable solution	500ml	Y	Y	Y	Y	Y
36	Isolyte-P	Injectable solution	500ml	Y	Y	Y	Y	Y
37	Sodium chloride	Injectable solution	0.9% isotonic	Y	Y	Y	Y	Y
38	Ondansetron	Tablet/Syrup	4mg, 2mg/5ml	Y	Y	Y	Y	Y
39	Ondansetron	Injection	2mg/ml	Y	Y	Y	Y	Y
40	Pantoprazole	Tablet/Injection	40mg	Y	Y	Y	Y	Y
41	Ranitidine	Tablet/Injection	150mg, 50mg	Y	Y	Y	Y	Y
42	Aspirin	Tablet	375mg	Y	Y	Y	Y	Y

43	Clopidogrel	Tablet	75mg	Y	Y	Y	Y	Y
44	Ibuprofen	Tablet	400mg	Y	Y	Y	Y	Y
45	Diclofenac Sodium	Tablet	50mg	Y	Y	Y	Y	Y
46	Mefanamic Acid	Tablet/Suspension	500mg, 100mg/5ml	Y	Y	Y	Y	Y
47	Frusemide	Injection	20mg	Y	Y	Y	Y	Y
48	Deriphylline	Injection/Tablet	2ml, 100mg	Y	Y	Y	Y	Y
49	Tranexamic Acid	Injection	100mg/ml	Y	Y	Y	Y	Y
50	Dicyclomine	Injection/Tablet/Syrup	10mg/ml, 20mg, 10mg/5ml	Y	Y	Y	Y	Y
51	Metoclopramide	Injection	5mg/ml	Y	Y	Y	Y	Y
52	Dexamethasone	Injection	4mg/ml	Y	Y	Y	Y	Y
53	Insulin	Injection	40IU/ml	Y	Y	Y	Y	Y
54	Silver Sulphadiazine	Cream	1%	Y	Y	Y	Y	Y
55	Xylomethazoline	Nasal Drops	0.05%	Y	Y	Y	Y	Y
56	Amioarone	Injection	3ml	N	Y	Y	Y	Y
57	Adenosine	Injection	3mg/ml	N	N	D	D	Y
58	Calcium Gluconate	Injection	10ml	N	D	Y	Y	Y
59	KCl	Injection	10ml	N	D	Y	Y	Y
60	Lorazepam	Injection	2mg	N	D	Y	Y	Y
61	Haloperidol	Injection	1ml	N	D	Y	Y	Y
62	Digoxin	Injection	0.25mg/ml	N	D	Y	Y	Y
63	Ipratropium Bromide	Nebulizer Solution		N	Y	Y	Y	Y
64	Mannitol	Injectable Solution	20%	N	N	N	Y	Y
65	Morphine	Injection	10mg/ml	N	N	D	Y	Y
66	Naloxone	Injection	400mcg	N	N	N	Y	Y
67	Promethazine	Syrup/Injection	5mg/5ml,25mg/ml	N	Y	Y	Y	Y
68	Phenobarbitone	Injection	200mg/ml	N	D	D	Y	Y
69	Sodium Bicarbonate	Injection	7.50%	N	Y	Y	Y	Y

70	Tramadol	Injection	50mg/ml	N	D	Y	Y	Y
71	Vitamin K	Injection	10mg/ml	N	N	N	Y	Y
72	Midazolam	Injection	1mg/ml	N	N	D	Y	Y
73	Sodium Valproate	Injection	100mg/ml	N	N	N	Y	Y
74	Levetiracetam	Injection	100mg/ml	N	N	D	Y	Y
75	Ethamsylate	Injection	250mg/2ml	N	N	Y	Y	Y
76	Dopamine	Injection	40mg/ml	N	N	Y	Y	Y
77	Dobutamine	Injection	125mg/5ml	N	N	Y	Y	Y
78	NTG	Injection	5mg/ml	N	N	N	Y	Y
79	Oxytocin	Injection	5IU/ml	Y	Y	Y	Y	Y
80	Anti-Rabies Immunoglobulin	Injection		N	N	N	Y	Y
81	Anti-Snake Venom	Injection		N	N	N	Y	Y
82	Fentanyl	Injection		N	N	Y	Y	Y
83	Inj. Carbetocin 100 µg i/m or i/v			N	N	Optional. Only in delivery points.		
84	Oral PGE1 400-600 µg			N	N			
85	Inj Methergin Iron, FA tablets			N	N			
86	Inj. TD immunization			N	N			
87	Tab PGE1			N	N			

Note: 1. **FIRST AID:** First aid is the first and immediate assistance given to any person with either a minor or serious illness or injury, with an aim to preserve life, to prevent the condition from worsening or to promote recovery.

2. **RESUSCITATION:** Resuscitation is the process of correcting physiological disorders in an acutely ill patient as per standard protocols

3. Medicines to be stored as per Drugs and Cosmetics Act 1940 and Rules 1945

4. Applicable to clinical establishments as per the Kerala Clinical Establishments (Registration and Regulation) Act 2018.

Dr. Sanil Kumar J G

Secretary

Kerala State Council for Clinical Establishments

### **Explanatory Note**

(This does not form the part of the Notification, but is intended to indicate its purport)

Section 47 (2) of Kerala Clinical Establishments (Registration and Regulation) Act 2018 provides that the The Council shall notify the lifesaving services to be provided by each category of clinical establishments.