



**Directorate General of Health Services**  
**Hospitals & Clinics Section**  
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**CCU Monitoring Tools**

Name of the Organization:

Total bed:

Head of the Department:

SL	Areas	Yes	No	MOV( Means of Verification)
1	Signage			
2	Adequate Floor Space for Patient Care			100 – 125 Sq. Ft. / Bed. 20% extra space for cubicle type. Approximate area requirement for establish a 6 bedded unit is 1500 sqft, for a 12 bedded unit is 2500 sqft, and for a 24 bedded unit is 3500 sq ft.
3	SOP/Protocol for CCU			Standard Operative Procedure should be available for CCU functioning
4	Device related protocol			Follow protocol for device
5	Equipment Sterilization			Follow the Equipment sterilization checklist
6	Waste disposal system			Follow National Guideline for Medical Waste Management System
7	Procedural			Guideline
				Each coronary care should have the capacity for individual monitoring. Bedside monitoring equipment should be located to permit ease of access and viewing, but should not interfere with the visualisation of, or access to the patient. The bedside nurse and/or monitor technician should be able to observe the monitored status of each patient at a glance
8	Infection Control system			Follow National Guideline
9	Handwash system			Follow 5 steps of Hand wash in WHO Guideline
10	Aspirin prescription after acute MI on discharge			Follow the Guideline
11	ACE inhibitor prescription at discharge after AMI			Follow the Guideline
12	βBlocker prescription at discharge after AMI			Follow the Guideline
13	Statin treatment after a cardiac event			Follow the Guideline

14	Thrombolytic timing for patients with AMI			Follow the Guidleine
15	Timing of emergent PTCA for patients with AMI8 Is it only office time? Is it for 24 hours?			Follow the <b>Guideline</b>
16	Aspirin at admission to hospital for AMI			Follow the Guideline
17	Same-day CABG surgery rate after PTCA			Follow the Guideline
18	Proportion of patients with CHF receiving ACE inhibitor on discharge			
19	Rate of blocker prescription at hospital discharge for CHF8 Is it depending on patient's condition during discharge?			
20	CHF in-hospital mortality rate			
21	Length of stay for patients with heart failure(5-7 days or more)			
22	The ratio of monthly CCU admissions due to ACS ,CHF and cardiac arrhythmias			
23	One-year mortality following AMI			
24	CABG in-hospital mortality rate			
25	One-year mortality rate following CABG			
26	CABG re-operation within 6 months of discharge			
27	Repeat PTCA within 30 days of discharge			
28	Cardiac specialists in each shift			
29	Cardiac specialist in afternoon and night shifts (minimum one or more?)			
30	Patient feedback system			There should be patient feedback system in the facilities.
31	Waste Management system			Follow National Guideline for Medical Waste Management System
32	Record keeping system			
33	List of Equipment's & Medicine			Annex 01

**NB: SI 18-32 Registers should be maintained for record keeping in CCU**

## Annex 01

Information on equipment (number):	Yes	No	remarks
Special bed for CCU			
Over bed table			
Ventilator			
Cardiac Monitor			
Defibrillator			
Infusion pump			
Syringe pump			
Endotracheal tube			
Laryngoscope set:			
Laryngoscope battery			
CPR machine:			
Umbo Bag:			
Portable Echo Machine:			
Portable X-Ray Machine:			
ECG machine			
O2 Supply- Central/Portable:			
BP blade			
1 zero silk cutting body			
I/V saline set			
Holter monitoring			
Central venous line			
Vascular access sheath			
Generator			
Temporary pace maker lead(TPM)			
Glucometer with strip			
Pneumatic bag			
Central suction system			
Sucker machine			
ABG machine (with strip)			
Invasive blood pressure machine			
Central monitoring system			
Blood gas & electrolyte analyzer			
USG machine			
Ripple mattress			
Non invasive BIPAP ventilator			

Automated cell counter			
Microbial culture machine			
Trilaminar flow(if central oxygen supply not available)			
Pulse generator			
nebulizer			
C arm			
AC room			
<b>Information on essential drugs (Yes/No):</b>	<b>Yes</b>	<b>No</b>	<b>Remarks</b>
Anti-platelet drugs			
Thrombolytic drugs			
Anti-arrhythmic drugs			
• Adenosine			
• Lignocaine			
• Beta-blocker			
• Verapamil			
• Others			
Anti-diabetic			
Anti-hypertensive			
Inj. Labetalol			
GTN(glycerol tri nitrate)			
Adrenaline			
Others:			
Solube Aspirin			
Amioderon			
Enoxaperin			
Atropine			
Dopamine			
Dobutamin			
Ephedrine			
Nor-epinephrin			
Morphin			
Pathedin			
Vergon			
Inj Avil			
Cotson			
Ondensetron			
Phantanin			
Pananol			
Suxamithonium			
Frusemide			
Manitol			
Fluid (D/A,DNS,NS,PLASMASOL,GLYSIN)			