

CARDIOLOGY SERVICES IN HOSPITAL					
	Template for Minimum standards for Hospital	BASIC (General purpose)	NON INVASIVE	INVASIVE	Remarks
1	Scope	provides resuscitation and short term Cardio respiratory support including defibrillation: require to ventilate for 24 to 48 hrs.(eg. General Hospital with Single Specialities/Multiple Specialities example CHC SDH,DH,Civil Hospital, Private Hospital, Nursing Home etc)	cardiology interventions (eg. General Hospital with Single Specialities/Multiple Specialities example CHC SDH,DH,Civil Hospital,Private Hospital,Nursing Home etc)	invasive procedures requiring ICU care with long term acute care of highest standard	
	Services Provided				
	1.1 General purpose	yes			
	1.2 Single Speciality		yes	yes	
	1.3. Multispeciality		yes	yes	
	1.4. Superspeciality		yes	yes	
2	Human resources				
	2.1 Doctors	MD/DNB Medicine	DM /DNB Cardiology MD/DNB Medicine	DM/DNB Cardiology	M-Mandatory
	Duty Doctors	MBBS doctors to provide round the clock Medical cover	MBBS doctors to provide round the clock Medical cover	MBBS doctors to provide round the clock Medical cover	M-Mandatory
	2.2 Nurses				
	General nurses	yes	Yes	Yes	M-Mandatory
	Trained Nurses for ICU/OT/HDU		Nurse Station:one ECG lead from each patient and as well as relevant haemodynamic and respiratory data should continuously be present on central screen	Nurse Station:one ECG lead from each patient and as well as relevant haemodynamic and respiratory data should continuously be presnt on central screen	M-Mandatory
	2.3 Pharmacist	Yes	Yes	Yes	M-mandatory,part of hospital
	2.4 Para Medical staff				
	a. Lab Tech	Yes	Yes	Yes*	*M-Emergency Lab ; part of hospital

	b. Xray Technician	Yes	Yes	Yes*	*M-own for invasive cardiology; others D-own/outsourced
	c. Technician			Trained cath Lab Technician*	*M-own for invasive cardiology
	d. ECG Technician	Yes	Yes*	Yes*	*M-Mandatory
	e. Dietician	Yes	Yes	Yes*	*M-Mandatory
	f. Physiotherapist	Yes	Yes	Yes*	*M-Mandatory
	g. Medicosocial worker			Yes	D-Desirable
3	Equipment				
	a. Therapeutic			Patient monitoring unit,with 2 ECG channels,invasive pressure channel,non-invasive blood pressure monitor,Sao2 meter 50% beds -5 ECG channels,2 additional haemodynamic channel,end tidal CO2,Non invasive cardiac output,thermometer.	
				Other equipment: Volumetric pump/automatic syringe,Mechanical respirators 1 machine/2 beds ,Intra aortic balloon pump,haemodialysis and haemofiltration machine, pacemaker, defibrillator,external pacemaker , temporary pacemaker ,mobile echocardiography,with TEE probe,blood clot meter,mechanical compressor device for groin and radial haemostatis	

	b.Diagnostic	ECG machine	TMT,Holter	Xray system for fluroscopy,digital cardiac mobile C arm,-A fully equipped Cardiac Cath Lab	M-Mandatory
	c. Emergency	Yes	Yes	Yes	Refer to Document on Hospital
	d. Sterlizing	Yes	Yes	Yes	M-mandatory
	e. Drugs,Medical devices and consumables	Yes	Yes	Yes	Refer to Document on Hospital
	f. List of disposables	Yes	Yes	Yes	M-mandatory
	g. Annual Maintenance records of equip	Yes	Yes	Yes	M-mandatory
5	Support Service				
	a. Laboratory	yes	yes	Biochemical markers kits, for MI, Glucose level measurement kit, Blood gases and electrolyte analyser	Can be own or Outsourced
	b. Imaging	yes	yes	Yes*	*M-own for invasive; others own/outsourced
	c. sterlization/CSSD	Yes	Yes	Yes	M-own
	d. Medical Gas/Manifold	Yes	Yes	Yes	M-mandatory
	e. Blood storage unit/ blood Bank	Yes	Yes	Yes	M-own/outsourced
	f. Amb service	Yes	Yes	Yes*	*M-CCU Ambulance for invasive/ non invasive cardiology service centres