

Directorate General of Health Services
Hospital & Clinics Section
www.hospitaldghs.gov.bd

ICU Monitoring Tools:

Name of the Organization:

Name of Incharge

Bed no:

(Please follow the “ National Intensive Care QI Framework” in www.gis.gov.bd)

SI	Areas	Yes	No	MOV(Means of Verification)
1	Organization Name with Standard level of ICU			
2	Number of ICU bed:			
3	Number of HDU			
4	Restricted entry to ICU			There should be an demarcation from where entry should be restricted to ICU staff only (According to the standard protocol)
5	Hand washing (or hand rub) with proper dress protocol at the entry of ICU			All arrangement are available for hand wash and dress change
6	Nurse : Patient ratio			<u>Maintain according to level of ICU</u> Level-3 Morning-1:1,Evening & Night-1:2 Level-2 Morning & Evening-Nurses 4 , Night- Nurses 2 for 10 beded ICU Level-1 Morning-Nurses 2, Evening & Night Nurses 1 for 10 bedded ICU (Standard Protocol Page no-37-38)
	Training of Nurses on ICU			Nurses in ICU should be trained in intensive nursing care and monitoring for at least 03 months
8	a)ICU Incharge: Expert/ Intensivist b)Duty physician			Maintain according to level of ICU (Standard Protocol Page no-37-38)
9	ICU staff has basic Cardiac support skill			All staff in ICU should have Basic Cardiac Life Support (BCLS) skills.
10	Admission, discharge & referral criteria			Admission discharge & referral criteria should be followed for admitting or

				discharging a patient from ICU. ICU in-charge and consultants of hospital must be aware of the criteria.
11	Necessary life-saving and monitoring equipment according to the level of ICU			Necessary life-saving and monitoring equipment must be available in according to the level of ICU (Standard Protocol Page no-29-36)
12	Regular calibration of ICU equipment(process)			To observe maintenance register
13	ICU Infection control practice			Maintenance of Infection Register
14	ICU has SOP			Standard Operating Procedure must be in place
15	ICU specific HAI rates (VAP, CA-UTI, CA-BSI, SSI),bed sore			Maintenance of Register
16	Standardized mortality rate			Clinical Audit
17	Critical incidence recording			Maintenance of Register
18	Average length of stay			Maintenance of Register
19	Compliance percentage to admission-discharge criteria			Maintenance of Register
20	ICU re-admission rate			Maintenance of Register
21	Re-intubation rate			Maintenance of Register
22	Patient update system to attendance			Maintenance of Register.
24	Frequency of patient update			8 hourly patient update system
25	ICU Equipment			According to the level of ICU (Standard Protocol Page no-29-36)

Reference : National ICU QI Framework (www.qis.gov.bd)

Annex 01

Information on equipment (number):	Yes	No	remarks
1. ICU Bed with Pneumatic mattress:			
2. Ventilator with compressed air /media air plant / Manifold			
3. Patient monitor:			
4. Central Suction System:			
5. Sucker Machine:			
6. ABG Machine (with strip):			
7. Laryngoscope set.			
8. Defibrillator:			
9. Endotracheal tube:			
10. Glucometer :			
11. Infusion Pump:			
12. Syringe pump			
13. ECG Machine:			
14. Invasive Blood Pressure Machine:			
15. Central Monitoring System.			
16.Head Board with outlet (Oxygen, Air, Suction & Electric Outlet):			
17. Portable Oxygen Cylinder:			
18.SLED machine			
19.Reversible osmosis center for hemodialysis			
20.CRRT Machine			
21.ECMO Machine			
22.PICCO monitor			
23.high flow nasal cannula			
24.chest drain tube			
25.tracheostomy tube			
26.Central venous catheter			
27.dialysis catheter			
28.portable bronchoscope			
29.portable echo & ultrasound machine			
30. Portable X-ray Machine:			

31. Compressed media air plant/manifold			
Information on essential drugs (Yes/No):	Yes	No	remarks
1. Adrenaline:			
2. Dopamine:			
3. Dobutamine:			
4. Ephedrine:			
5. Nor-Ephedrine:			
6. Hydrocortisone			
7. Frusemide			
8. Mannitol:			
9. Fluid (DA, DNS, NS, Plasmasol, Glycine):			
10. Antibiotic:			
11. Penicillin:			
12. Aminophylline :			
13. Vasopressin			
14. Amioderone			
15. GTN			
16. Labetelol			
17. Naloxone			
18. Terlipresin			
19. Adenosin			
20. Anti Snake Venom			
21. Atropine			
22. Diazepam			
23. Propofol			
24. Suxamethonium			
25. Thiopental			
26. Midazolam			
27. Phosphenytoin			