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Obstetric and Neonatal Inspection Checklist- Random

Name of the Facility:			
Date of Inspection:	/	/	

Ref.	Description	Yes	No	N/A	Remarks
	STANDARD ONE: HEALTH FACILITY DESIGN REQUIREMENTS	;			
1	OBSTETRIC UNIT DESIGN				
1.8.	The LDR or LDRP room should be equipped with the following:				
1.8.1.	Delivery bed				
1.8.2.	Birthing light				
1.8.3.	Medical gas and vacuum system accessible to the mother's delivery area and infant resuscitation				
1.8.4.	Nurse call system				
1.8.5.	Emergency call system				
1.8.6.	Telephone or communication system				
1.8.7.	Sixteen (16) Electric receptacles (8 convenient to head of bed with one on each wall and four (4) convenient to each bassinet with one on each wall).				
1.8.8.	Hand Hygiene				
1.14.	Newborn nursery room (if provided) should contain no more than sixteen (16) infant stations.				
2	NEONATAL UNIT DESIGN				
2.2.	All entries to the NICU shall be controlled. The family entrance and reception area shall be clearly identified.				
2.3.	The reception area shall permit visual observation and contact with all traffic entering the unit.				
2.6.	Adequate ventilation and air exchange, with at least six (6) air changes per hour as per American Society of Heating, Refrigerating and Air Conditioning Engineers (ASHRAE)				

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	requirement, shall be maintained in NICU. NICU should be kept at			
	positive pressure relative to the adjacent areas. The area			
	temperature should be maintained at 21°C - 24°C and relative			
	humidity 30 % to 60% and should be adjustable. High efficiency			
	filters should be installed in the air handling system, with			
	adequate facilities provided for maintenance, without introducing			
	contamination to the delivery system or the area served.			
2.9.	Support areas for the neonatal unit			
	Location: space for preparation and storage of formula and			
a.	additives to human milk and formula shall be provided in the unit			
	or other location away from the bedside.			
	Storage for human milk shall be provided in a designated space in			
c.	the infant feeding preparation room or in designated spaces on			
	the nursing unit.			
	Human milk storage container shall be labelled with at least two			
d.	identifiers (e.g. baby's name and date of birth) and date/time of			
	expression.			
_	Surfaces in infant feeding preparation areas shall be non-			
e.	absorbent, smooth and easily cleaned.			
	Wall construction, finish, and trim, including joints between the			
f.	walls and the floors, shall be free of insect and rodent harbouring			
	spaces.			
_	Walls shall be non-absorbent, smooth, easily cleaned and light in			
g.	colour.			
	STANDARD TWO: OBSTETRIC SERVICE REQUIREMENTS			
3	ANTENATAL CARE			
3.12.	Antenatal care can be provided under supervision of the			
3.12.	following healthcare professionals:			
3.12.1.	DHA licensed Consultant/Specialist Obstetrics and Gynecology.			
3.12.2.	DHA licensed Consultant/Specialist Family Medicine.			
3.12.3.	A DHA licensed registered midwife (RM) or assistant nurse (AN)			
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	or registered nurse (RN) or assistant midwife (AM), at a ratio of		
	1:1 (one nurse for each physician)		
3.13.	To provide antenatal care the facility should have the following		
	equipment:		
3.13.1.	Vital signs Monitor		
3.13.2.	Feotoscope		
3.13.3.	Electrocardiogram (ECG)		
3.13.4.	Cardiotocography (CTG) monitor		
3.13.5.	Ultrasonography		
3.13.6.	Access to laboratory testing.		
3.13.7.	Emergency crash cart with proper supplies and medication.		
4	OBSTETRIC LEVELS OF CARE		
4.1.	Level I - Basic care		
	Provide ultrasonography imaging services for maternal and fetal		
4.1.4.	assessment with minimal of the following probes (convex, 4D		
	convex, endo-cavity), and cardiotocography (CTG)		
4.1.5.	Provide clinical laboratory services for on 24/7 basis.		
	Provide blood bank supplies 24/7, including protocols and		
4.1.6.	capabilities for blood and blood component therapy, in addition		
	having Group O Negative red cells (at least 2 units) available on		
	site for emergency use.		
4.1.10.	The following equipment shall be available in each labor room:		
a.	A labor bed.		
b.	Vital signs monitor and stethoscope		
c.	CTG monitor.		
d.	Access to portable ultrasonography.		
e.	Intravenous solutions and infusion pumps.		
f.	Equipment for inhalation and regional anesthesia.		
	Emergency/crash cart with proper supplies and medication.		

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h.	Instruments and equipment for normal or operative delivery		
11.	(including vacuum and forceps).		
i.	Medications for the mother and infant (appendix 5).		
	Health facilities providing Level I obstetric care shall maintain the		
4.1.12.	below healthcare professionals to provide the intrapartum care		
	on 24/7 basis:		
a.	Physicians:		
i.	DHA licensed Consultant/Specialist Obstetrician and		
1.	Gynecologists OR		
	DHA licensed GP who obtained a specialty degree and experience		
	in Obstetrics and Gynecology but did not meet the required		
ii	clinical experience as per the Professionals Qualification		
	Requirements (PQR) to obtain a full specialist title, ratio should		
	not exceed 2:1 (two GP to one consultant/specialist Obstetrics		
	and Gynecology) OR		
iii.	DHA licensed Consultant/Specialist Pediatrician or		
	Neonatologist.		
iv.	DHA licensed Consultant/Specialist Anesthetist to provide labor		
	analgesia and surgical anesthesia (when required).		
b.	Nurses:		
	Basic Life Support (BLS) and Neonatal Resuscitation Program		
	(NRP), the following nurse/patient ratios are recommended		
i.	Antenatal/postnatal ward at a ratio of 1:4		
ii.	Induction of labor at a ratio of 1:2.		
iii.	Patients in first stage of labor at a ratio of 1:2.		
iv.	Patients in second stage of labor at a ratio of 1:1.		
	DHA licensed Clinical Dietitian with knowledge of maternal and		
iii.	newborn nutrition and parenteral/enteral nutrition management		
	of at-risk newborns.		
4.2.	Level II - Specialty Care		

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4.2.1.	Capability to perform Computed Tomography (CT) scan and		
	Magnetic Resonance Imaging (MRI).		
4.2.3.	Health facilities providing Level II obstetric care shall maintain		
1.2.3.	the below healthcare professionals:		
a.	Physicians:		
	DHA licensed Consultant/Specialist Obstetrician and		
i.	Gynecologists, Consultant/Specialist Pediatrician or		
١.	Neonatologist and Anesthesiologist shall be available on 24/7		
	basis.		
	Prompt and readily available DHA licensed Medical and Surgical		
ii.	Specialties and Maternal and Fetal Medicine Subspecialists either		
	by onsite consultation or by telemedicine, if needed.		
b.	Nurses:		
i.	Maintaining at least two RN/RM for labor and delivery.		
ii.	Postpartum ward, high dependency unit (HDU) at a ratio of 1:1.		
c.	DHA licensed Physiotherapist.		
4.3.	Level III - Subspecialty Care		
	Provide advanced ultrasonography imaging services for maternal		
4.3.1.	and fetal assessment with minimal of the following probes		
4.3.1.	(convex, 4D convex, endo- cavity, linear, small part linear),		
	including Doppler studies on 24/7 basis.		
	Health facilities providing Level III obstetric care shall maintain	 	
4.3.4.	the below healthcare professionals in addition to those		
	mentioned in level II:		
a.	Physicians:		
i.	Consultant in Critical Care Medicine.		
b.	Nurses: staffing of nurses shall be similar to Level II in addition		
υ.	to:		
ii.	Antenatal/postnatal patients at a ratio of 1:1.		
	STANDARD THREE: NEONATAL SERVICE REQUIREMENTS		

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5	NEONATAL LEVELS OF CARE		
5.1.	Level I - Basic care		
5.1.4.	Stabilize newborn infants who are ill, and those born less than 35 gestational age until they transferred to a higher level of neonatal care.		
5.1.6.	Provide clinical laboratory services, x-ray and ultrasonography on 24/7 basis.		
5.1.8.	The units shall maintain the following healthcare professionals:		
a.	NICU in charge physician:		
i.	DHA licensed Consultant/Specialist Neonatologist. OR		
ii.	DHA licensed Consultant Pediatrician with last 3 years' experience in Neonatology from appropriate hospital setting providing a similar or higher level of neonatal care. OR		
iii.	DHA licensed Specialist Pediatrician with last 5 years' experience in Neonatology from appropriate hospital setting providing a similar or higher level of neonatal care.		
b.	Physician coverage in Neonatal Unit available in the hospital on 24/7 basis:		
i.	Licensed Specialist Pediatrician with last 2 years' experience in neonatology OR		
ii.	Licensed GP with master degree in pediatric with approved specialty degree equivalent to Tier 3 or more as per the PQR with last 2 years' experience in pediatric and neonatology.		
c.	Nurses:		
i.	DHA licensed registered nurse (RN) with not less than 2 years of recent experience in neonatology care in appropriate hospital setting. OR		
ii.	A DHA licensed neonatal nurse.		
iii.	At this level, one nurse should be responsible for the care of a maximum of four babies (ratio 1:4) receiving special or normal		

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	care.		
5.2.	Level II - Specialty Care		
5.2.7.	Hospitals providing level II services shall maintain the below		
5.2.7.	healthcare professionals:		
a.	NICU in charge physician:		
i.	DHA licensed Consultant/Specialist Neonatologist. OR		
	DHA licensed Consultant Pediatrician with last 7 years'		
	experience in neonatology from appropriate hospital setting		
ii.	providing a similar or higher level of neonatal care, AND shall		
	pass DHA's assessment to add the neonatology scope within		
	his/her privilege.		
b.	Physician coverage in Neonatal Unit available in the hospital on		
<i>D</i> .	24/7 basis: (similar to Level I)		
c.	Nurses:		
i.	In this level, one nurse should not be responsible for the care of		
1.	more than two babies (ratio 1:2).		
	Other healthcare professionals as Respiratory Therapists		
d.	(optional) and DHA licensed Clinical Dietitian with knowledge of		
	newborn nutrition.		
5.2.8.	Hospitals providing level II shall maintain the below		
3.2.0.	requirements, in addition to level I:		
a.	Access to radiology services (CT and MRI) on 24/7 basis.		
i.	Neonatal intensive care incubators		
ii.	Neonatal ventilator		
iii.	Syringe/infusion pumps (0.1 ml/hour)		
iv.	Neonatal resuscitator along with emergency/crash cart including		
IV.	proper supplies and medication.		
V.	Blood gas analyzer		
vi.	Phototherapy units		
vii.	Portable x-rays		

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viii.	Portable ultrasound scanning		
ix.	Breast pump machine		
x.	Oxygen analyser/pulse oximeter		
xi.	Umbilical arterial and venous catheter		
	Neonatal monitors to measure heart rate, respiratory rate, blood		
xii.	pressure, transcutaneous or intra-arterial oxygen tension, oxygen		
	saturation and ambient oxygen		
xiii.	Medications for infant		
xiv.	Portable incubator with ventilator.		
5.3.	Level III – Sub specialty intensive care (NICUs)		
	Provide a full range of respiratory support (ongoing assisted		
5.3.2.	ventilation for 24 hours or more) that may include conventional		
	and/or high frequency ventilation and inhaled nitric oxide.		
	Provide a full range of physiologic monitoring equipment,		
5.3.3.	laboratory and imaging facilities, nutrition and pharmacy support		
	with paediatric expertise.		
5.3.4.	Provide hypothermia system (total body cooling) and capability		
3.3. 1.	to perform cerebral function monitoring.		
5.3.5.	Perform advanced imaging, with interpretation on an urgent		
3.3.3.	basis, including computed tomography, MRI, and ECG.		
5.3.8.	Hospitals providing level III services shall maintain the following		
3.3.6.	healthcare professionals:		
a.	Physicians		
i.	DHA licensed Consultant Neonatologist (NICU in charge and		
1.	head of the unit)		
ii.	DHA licensed Specialist Neonatologist with last 5 years'		
	experience in neonatology.		
iii.	One physician available in the Neonatal Unit on 24/7 basis:		
*	DHA licensed Specialist Pediatrician with last 3 years' experience	 	
	in neonatology OR		

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	Sara)			
i.	In case of twins or multiple babies, an identifier should be, e.g.			
1.	Baby A of Sara, Baby B of Sara, etc.			
b.	File number for mother and baby.			
c.	Gender.			
d.	Date and Time of birth.			
e.	Birth weight.			
f.	Head circumference.			
g.	Length.			
	To minimize the risk of infant abduction all areas including			
14.3.	newborn nurseries, intrapartum and postnatal should be			
	controlled and part of hospital safety program.			
15	TRANSFER			
15.2.4.	Minimum equipment required to transfer, but not limited to the			
13.2.4.	following:			
a.	Portable suction			
b.	Portable ECG			
c.	Oxygen and breathing equipment			

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