

TOOL 1: NEON. INFRASTRUCTURE AUDIT

To be completed annually in Q3 by District Clinical Specialist Team and Systems manager						
Date:	Unit:					
Not applicable:	Does not apply to the unit or individual assessment or not observed.					
Non-Compliant:	<50% compliance					
Partially Compliant:	50-79% Compliance					
Compliant:	80-100% Compliance					

Required Neonatal Beds			
Level of Bed	Norm	Required Number	Available Number
District Hospital			
No of deliveries in hospital and sub	o district (at Clinics):		
Total beds	4:1000 deliveries		
Kangaroo care (KMC)	33%		
General care (GC)	34%		
High Care (H/C)	33%		
Regional Hospital			
No of deliveries in hospital, sub dis	trict and 2° catchment area:		
Total beds	4/1000 local deliveries PLUS		
	2/1000 deliveries in 2° catchment area		
Kangaroo care(KMC)	33% of total		
General care (GC)	34% of total		
High Care (H/C)	23% of total		
Intensive care (ICU)	10% of total		
Isolation	≥ 1/unit		
Tertiary Hospital			
No of deliveries in hospital, sub dis	trict and 2° and 3° catchment area:		
Total beds	4/ 1000 local deliveries PLUS 2/1000 deliveries in 2° catchment area PLUS 1/1000 deliveries in 3° catchment area		
Kangaroo care(KMC)	5% of total		
General care (GC)	15% of total		
High Care (H/C)	50% of total		
Intensive care (ICU)	30% of total		
Isolation	≥ 1/unit		

NO	INDICATOR	NA	NC	РС	С	COMMENT		
Pati	Patient care areas							
Neo	Neonatal Unit							
1.	Distinct from maternal components							
2.	No through traffic							
3.	Has strict access control with intercom							
4.	Single access point							
5.	Required total bed numbers are available							
6.	Required no. of Kangaroo care (KMC) beds are available							
7.	Required no. of General (GC) beds are available							
8.	Required no. of High Care (HC) beds are available							
9.	Required no. of Isolation beds- $\geq 1/unit$ (2°/3°)							
10.	Required no. of Intensive care (ICU) beds (2°/3°) are available							
11.	Hand basin on entry to the unit							
12.	Hand basin for every 6 beds or cubicle (including isolation)							
13.	There is an appropriate work area-6m ²							
14.	Ambient lighting-Adjustable range 10-600 lux							
15.	Procedural lighting- 2000 lux spot per 1CU/HC bed							
	A. Total							

Neo	natal Unit cont.	NA	NC	РС	С	COMMENT
16.	Uninterrupted power supply (UPS) (2°/3°)					
17.	Air-conditioned with min. 6 air changes/hr. and 90% filtration					
18.	Work surface is available for every 10 beds					
19.	Nurses station is appropriate					
	1/16 beds able to accommodate 3-6 nurses					
	Computer and work surface					
	Computer with network access					
	Functional Telephone (landline or facility cellphone)					
	Handwash basin					
20.	Space and services allocation per General care bed is appropriate					
20.	Bed space 1.8m ²					
	Wall length at head of bed- 1.2m					
	Space between adjacent beds- 1m					
	Aisle width - foot of bed to opposite wall/bed- 1.5m					
	Oxygen point- 1 per bed.					
	Suction- 1 per bed					
	Electrical point -2 per bed					
21.						
21.	Space and services allocation per High care bed is appropriate					
	Bed space (3.2x2.4m)- 7.68m ²					
	Wall length at head of bed- 3.2m					
	Space between head of bed and wall-30cm					
	Space between adjacent beds- 2.4m					
	Aisle width - foot of bed to opposite wall/bed- 2m					
	Oxygen point- 2 per bed.					
	Medical air point-2 per bed					
	Suction- 2 per bed					
	Electrical point -12 per bed					
22.	Space and services allocation per Intensive care bed is appropriate					
	Bed space (3.2x2.4m)- 7.68m ²					
	Wall length at head of bed- 3.2m					
	Space between head of bed and wall-30cm					
	Space between adjacent beds- 2.4m					
	Aisle width - foot of bed to opposite wall/bed- 2m					
	Oxygen point- 3 per bed.					
	Medical air point-3 per bed					
	Suction- 2 per bed					
	Electrical point -16 per bed					
23.	Space and services allocation per Isolation bed is appropriate					
	Only 1 bed per isolation cubicle					
	Minimum Space -6m ²					
	Handwash basin at entrance					
	Negative air pressure					
	Oxygen point- 2 per bed.					
	Medical air point-2 per bed					
	Suction- 2 per bed					
	Electrical point -12 per bed					
	C beds					
24.	KMC beds separate (own cubicle/room) from maternity beds					
25.	Adequate space-6 mothers per cubicle. 7.5m ² (2.5x3)/bed					
26.	Social space available					
27.	Services: 1 suction & O_2 point /cubicle or 6 beds. 1 electrical point/bed					
	B. Totals					<u> </u>

КМО	C beds cont.	NA	NC	PC	С	COMMENT
28.	Stand-alone facilities are appropriate					
	Access to outdoors					
	Access from support area of neonatal unit					
	Lounge/dining area available					
	Home like –TV/radio, comfortable chairs, décor, kettle, micro					
	Ablutions -1 shower; 1 toilet & 1 basin/6 mothers					
Wel	I baby nursery (In post-natal unit-for well babies with sick mothers)					
29.	Well baby facilities are appropriate					
	Minimum of 4 beds available					
	Behind/next to nurses station with glass wall for observation					
	Ambient temperature maintained at 24-26°C					
	Hand basin, x2 O ₂ & suction points, work surface, resus. area					
Dati	ent support areas: (District hospitals-Access to the following in materi	nity uni	+)			
30.	Counselling room - 6 (2x3m) - 8m ² (2x4m)	nity un	ι)			
30. 31.	Consulting room - $6 - 8m^2$, hands-free basin (2°/3°)					
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32.	Day room, en suite toilet- To accommodate 6 people (Stand-alone)		nit)			
Gen 33.	eral support areas: (District hospitals - Access to the following in mate Support services separated from patient area	ernity u	nit.)			
33. 34.	Clean utility rooms are appropriate					
54.	Sundries -5m ² (2x2.5m), shelving, work surface & hand basin					
35.	Linen & haberdashery store-5m ² , shelving					
36.	Pharmaceutical store-Shelves, medicines cupboard & fridge					
37.	With-in neonatal unit/cubicle- cupboards/shelves for pharmaceuticals,					
57.	haberdashery, sundries, linen, admin					
38.	Equip. cleaning room-Double bowl sink, drying racks $(2^{\circ}/3^{\circ})$					
39.	Equipment store- Open shelving, O ₂ , medical air, vacuum & multiple					
55.	electrical points $(2^{\circ}/3^{\circ})$					
40.	Dirty utility (Sluice) room / Cleaner's room is appropriate					
	Hand basin					
	Sluice sink (Slop hopper)					
	Drying racks, shelving/cupboards					
Staf	f support areas: (District hospitals-Access to the following in mater	nitv un	it)			
41.	Operational managers office- $6 - 8m^2$, hands-free basin					
42.	Staff locker room					
43.	Tea room / lounge					
44.	Ablutions- 1 per 36 beds					
45.	Consultant office $(2^{\circ}/3^{\circ})$					
45. 46.	Seminar room (2°/3°)					
40.	On call suite-1 bedroom per doctor, En-suite bathroom (2°/3°)					
	illary support areas (District hospitals-Access to the following in mater	rnity ur	vi+)			
48.	Kitchen Single bowl sink, work surface, storage space & hand basin,	inity ur	11()			
+0.	fridge (Stand alone)					
49.	Ward laboratory -Hand basin, work surface (2°/3°)					
50.	Clinical technologist office- Hand basin, work surface, electrical points,					
	O_2 , medical air & vacuum (2°/3°)					
51.	Radiology room (2º/3º)					
52.	Milk bank is appropriate (Designated hospitals only)					
	Hand basin					
	2 Freezers, a fridge and pasteurizer					
	Work surface and electrical points,					
	C. Total					

Lodger beds (Only complete if separate from paediatric lodgers)				PC	С	COMMENT
53.	Neonatal boarder mothers are accommodated in the hospital					
54.	There are the required no. of beds- 1 per 2 neonatal beds					
55.	There are dedicated neonatal boarder mother beds outside the post-					
	natal unit					
56.	There is a designated neonatal lodger facility					
57.	The lodger facility is appropriate					
	6 mothers per cubicle					
	Lounge/dining area available					
	1 electrical point per bed					
	Outdoor "recreational" space					
	Ablutions: 1 shower; 1 toilet &1 basin/6mothers					
	D. Total					

A. Total				
B. Total				
C. Total				
Combined Totals				
	NA X2=		C X2=	
A: Total Achieved -Add PC and C x2				
B: 104 - (NA x2)				
A divided by B				
Final Percentage	X100	=		%

In Discussion with the	e Unit:
Gaps Identified:	
Action Plan:	

Assessed by:							
Sign: Print: Desig:							
Discussed with:							
Sign:		Print:		Desig:			