

Additional file 1: Availability of services, equipment, supplies, protocols and registers /forms by health facility level.

Indicator (N= Total number of items)	Health facilities			
	All N=20	Hospital and Level IV N=2	Level III N=6	Level II N=12
Services availability (11)				
Skilled person to deliver present 24/7	15	2	6	7
Conduct normal deliveries	16	2	6	8
Newborn resuscitation	11	2	6	3
Kangaroo mother care (KMC)	6	2	4	0
Parenteral administration of antibiotics	17	2	5	10
Parenteral administration of oxytocic	11	2	5	4
Parenteral administration of anti convulsant	9	1	4	4
Assisted vaginal delivery	2	0	2	0
Manual removal of placenta	11	2	5	4
Manual removal of retained products	13	2	6	5
Provide corticosteroids for preterm labor	3	1	2	0
<i>Service score for KMC and Resuscitation</i>	<i>42.5%</i>	<i>100%</i>	<i>83.3%</i>	<i>12.5%</i>
<i>Service availability mean score</i>	<i>47.5%</i>	<i>75%</i>	<i>70.8%</i>	<i>31.3%</i>
Newborn equipment and supplies (7)				
Steriliser	15	2	5	8
Resuscitation table	6	1	4	1
Infant scale	13	2	6	5
Thermometer	13	1	5	7
Newborn mask	11	2	6	3
Nasal Gastric -tube for newborn	1	0	1	0
Canula for newborn	8	2	4	2
<i>Newborn equipment and supplies mean availability score</i>	<i>47.9%</i>	<i>71.4%</i>	<i>73.8%</i>	<i>30.9%</i>
Supplies in delivery room (3)				
Disinfectant	4	0	2	2
Sharps disposal box	18	2	6	10
Soap and hand washing	18	2	6	10
<i>Supplies in delivery room mean availability score</i>	<i>66.7%</i>	<i>66.7%</i>	<i>77.8%</i>	<i>61.1%</i>

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Indicator (N= Total number of items)	Health facilities			
	All N=20	Hospital and Level IV N=2	Level III N=6	Level II N=12
Space for newborn services (2)				
Separate postnatal area from delivery room	14	2	6	6
Room for KMC or Integrated area for KMC	6	2	4	0
<i>Space for newborn services mean availability score</i>	<i>50.0%</i>	<i>100.0%</i>	<i>83.3%</i>	<i>25.0%</i>
Equipment /supplies in postnatal area (8)				
Newborn mask	3	0	2	1
Infant scale	3	0	2	1
Thermometer	4	0	2	2
Steriliser	4	0	2	2
Newborn Nasal Gastric tube	1	0	1	0
Newborn canula	2	0	1	1
Disinfectant	4	0	2	2
Sharp disposal	4	0	2	2
<i>Equipment /supplies in postnatal area mean availability score</i>	<i>15.6%</i>	<i>0%</i>	<i>29.2%</i>	<i>11.5%</i>
Maternal and newborn drugs (13)				
Oxytocin	8	2	6	2
Magnesium sulphate	6	2	4	0
Corticosteroid	5	1	4	0
Multivitamin syrup	2	0	1	1
Vitamin K	1	1	0	0
Intravenous drugs	12	2	6	4
50% Dextrose	8	2	5	1
Tetracycline ointment	16	2	6	8
Adrenaline	1	0	1	0
Phenorbabitone	6	2	4	0
PMTCT drug	10	2	6	2
Gentamycin	9	2	5	2
Ampicillin	4	1	3	0
<i>Mean availability score for injectable (gentamycin and ampicillin)</i>	<i>32.5%</i>	<i>75.0%</i>	<i>67.0%</i>	<i>8.0%</i>
<i>Mean availability score for all drugs</i>	<i>33.8%</i>	<i>92.3%</i>	<i>65.4%</i>	<i>12.8%</i>

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Indicator (N= Total number of items)	Health facilities			
	All N=20	Hospital and Level IV N=2	Level III N=6	Level II N=12
Protocols and guidelines (6)				
Emergency obstetric care (MOH)	1	0	1	0
Newborn Resuscitation (MOH)	7	1	3	3
Essential newborn care (MOH)	6	1	2	3
Newborn standards (MOH)	4	0	2	2
*IMPAC (WHO)	3	0	0	3
Management of preterm (MOH)	3	1	0	2
<i>Protocol and guideline mean availability score</i>	<i>20%</i>	<i>25%</i>	<i>19%</i>	<i>18%</i>
Registers and forms (8)				
Antenatal registers	18	2	6	10
Postnatal registers	15	1	6	8
Birth registers	15	1	6	8
Partographs	10	2	4	4
Immunisation cards	16	2	5	9
Discharge forms	2	0	2	0
Referral forms	6	1	2	3
Death certificates	2	1	1	0
<i>Register and forms mean availability score</i>	<i>52.5%</i>	<i>62.5%</i>	<i>62.5</i>	<i>43.8%</i>