

Personnel

Record ID

(Name of the Hospital)

Name of the Hospital

(Name of the Health Facility)**SECTION 1- PERSONNEL:****DOCTORS & SURGEONS:**

1.) Does your facility have fully-qualified Doctors?

☐ Yes
☐ No

2.) Total # of ALL Doctors (fully-qualified) employed at the facility in the past 1 month:

(Fully qualified:)

3.) # of FULL-time staff:

(Full-time: 35- 40+ hours/ week)

4.) # of PART-time staff:

(Less than 35 hrs/ week)

5.) Does your facility have fully-qualified Surgeons?

☐ Yes
☐ No

6.) Total # of Surgeons (full-qualified) employed at the facility in the past 1 month:

7.) # of FULL-time staff:

(Full-time: 35- 40+ hours/ week)

8.) # of PART-time staff:

(Less than 35 hrs/ week)

9.) Does your facility have fully-qualified Obstetrics/Gynecology Doctors?

☐ Yes
☐ No

10.) Total # of Obstetrics/Gynecology Doctors (fully-qualified) employed at the facility in the past 1 month:

11.) # of FULL-time staff:

(Full-time: 35- 40+ hours/ week)

12.) # of PART-time staff:

(Less than 35 hrs/ week)

13.) Does your facility have fully-qualified
Pediatricians?

☐ Yes
☐ No

14.) Total # of Pediatricians (fully-qualified)
employed at the facility in the past 1 month:

15.) # of FULL-time staff:

(Full-time: 35- 40+ hours/ week)

16.) # of PART-time staff:

(Less than 35 hrs/ week)

17.) Does your facility have fully-qualified
Intensive Care (ICU) Doctors?

☐ Yes
☐ No

18.) Total # of Intensive Care (ICU) Doctors
(fully-qualified) employed at the facility in the
past 1 month:

19.) # of FULL-time staff:

(Full-time: 35- 40+ hours/ week)

20.) #of PART-time staff:

(Less than 35 hrs/ week)

21.) Does your facility have fully-qualified
Emergency/Casualty Ward Doctors?

☐ Yes
☐ No

22.) Total # of Emergency/Casualty Ward Doctors
(fully-qualified) employed at the facility in the
past 1 month:

23.) # of FULL-time staff:

(Full-time: 35- 40+ hours/ week)

24.) # of PART-time staff:

(Less than 35 hrs/ week)

ANESTHESIA STAFF:

25.) Does your facility have fully-qualified
Anesthesiologists?

☐ Yes
☐ No

26.) Total # of Anesthesiologists (fully-qualified)
employed at the facility in the past 1 month:

27.) # of FULL-time staff:

(Full-time: 35- 40+ hours/ week)

28.) # of PART-time staff:

(Less than 35 hrs/ week)

29.) Does your facility have fully-qualified Registered Clinical Officers of Anesthesia (RCOAs)?

☐ Yes
☐ No

30.) Total # of fully-qualified Registered Clinical Officers of Anesthesia (RCOAs) employed at the facility in the past 1 month:

31.) # of FULL-time staff:

(Full-time: 35- 40+ hours/ week)

32.) # of PART-time staff:

(Less than 35 hrs/ week)

33.) Does your facility have fully-qualified Kenya Registered Nurse Anesthetists (KRNAs)?

☐ Yes
☐ No

34.) Total # of fully-qualified Kenya Registered Nurse Anesthetists (KRNAs) employed at the facility in the past 1 month:

35.) # of FULL-time staff:

(Full-time: 35- 40+ hours/ week)

36.) # of PART-time staff:

(Less than 35 hrs/ week)

NURSING STAFF:

37.) Does your facility have Nurses?

☐ Yes
☐ No

38.) Total # of ALL Nurses (fully-qualified AND not yet fully-qualified) employed at the facility in the past 1 month:

39.) # of FULL-time Nurses who are FULLY-Qualified:

(Full-time: 35- 40+ hours/ week)

40.) # of PART-time Nurses who are FULLY-Qualified:

(Less than 35 hrs / week)

41.) # of FULL-time Nurses who are NOT YET Fully-Qualified:

(Full-time: 35- 40+ hours/ week)

42.) # of PART-time Nurses who are NOT YET Fully-Qualified:

(Less than 35 hrs/ week)

43.) Does your facility have Surgical/ Perioperative Nurses?

☐ Yes
☐ No

44.) Total # of Surgical/ Perioperative Nurses employed at the facility in the past 1 month:

45.) # of FULL-time staff (FULLY-qualified):

(Full-time: 35- 40+ hours/ week)

46.) # of PART-time staff (FULLY-qualified):

(Less than 35 hrs/ week)

47.) # of FULL-time staff (NOT YET fully-qualified):

(Full-time: 35- 40+ hours/ week)

48.) # of PART-time staff (NOT YET fully-qualified):

(Less than 35 hrs/ week)

49.) Does your facility have Intensive Care (ICU) Nurses?

☐ Yes
☐ No

50.) Total # of Intensive Care (ICU) Nurses employed at the facility in the past 1 month:

51.) # of FULL-time staff (FULLY-qualified):

(Full-time: 35- 40+ hours/ week)

52.) # of PART-time staff (FULLY-qualified):

(Less than 35 hrs/ week)

53.) # of FULL-time staff (NOT YET fully-qualified):

(full-time: 35- 40+ hours/ week)

54.) # of PART-time staff (NOT YET fully-qualified):

(Less than 35 hrs/ week)

55.) Does your facility have Post-Anesthesia Recovery Unit (PACU) Nurses?

☐ Yes
☐ No

56.) Total # of Post-Anesthesia Recovery (PACU) Nurses employed at the facility in the past 1 month:

57.) # of FULL-time staff (FULLY-qualified):

(Full-time: 35- 40+ hours/ week)

58.) # of PART-time staff (FULLY-qualified):

(Less than 35 hrs/ week)

59.) # of FULL-time staff (NOT YET fully-qualified):

(Full-time: 35- 40+ hours/ week)

60.) # of PART-time staff (NOT YET fully-qualified):

(Less than 35 hrs/ week)

61.) Does your facility have Pediatric/Neonatal Nurses?

☐ Yes
☐ No

62.) Total # of Pediatric/Neonatal Nurses employed at the facility in the past 1 month:

63.) # of FULL-time staff (FULLY-qualified):

(Full-time: 35- 40+ hours/ week)

64.) # of PART-time staff (FULLY-qualified):

(Less than 35 hrs/ week)

65.) # of FULL-time staff (NOT YET fully-qualified):

(Full-time: 35- 40+ hours/ week)

66.) # of PART-time staff (NOT YET fully-qualified):

(Less than 35 hrs/ week)

67.) Does your facility have Medical Staff trained in Neonatal resuscitation?

☐ Yes
☐ No

68.) If Yes, how many?

OTHER MEDICAL PERSONNEL:

69.) Does your facility have Surgical Registrars?

☐ Yes
☐ No

70.) Total # of Surgical Registrars employed at the facility in the past 1 month:

71.) # of FULL-time Surgical Registrars:

(Full-time: 35- 40+ hours/ week)

72.) # of PART-time Surgical Registrars:

(Less than 35 hrs/ week)

73.) Does your facility have Medical Officers?

☐ Yes
☐ No

74.) Total # of Medical Officers employed at the facility in the past 1 month:

75.) # of FULL-time Medical Officers:

(Full-time: 35- 40+ hours/ week)

76.) # of PART-time Medical Officers:

(Less than 35 hrs/ week)

77.) Does your facility have Operating Room Managers?

☐ Yes
☐ No

78.) Total # of Operating Room Managers employed at the facility in the past 1 month:

79.) # of FULL-time Operating Room Managers:

(Full-time: 35- 40+ hours/ week)

80.) # of PART-time Operating Room Managers:

(Less than 35 hrs/ week)

81.) Does your facility have fully-qualified Laboratory Staff?

☐ Yes
☐ No

82.) Total # of Laboratory Staff (fully-qualified) employed at the facility in the past 1 month:

83.) # of FULL-time Laboratory Staff:

(Full-time: 35- 40+ hours/ week)

84.) # of PART-time Laboratory Staff:

(Less than 35 hrs/ week)

85.) Does your facility have fully-qualified Radiology Technicians?

☐ Yes
☐ No

86.) Total # of Radiology Technicians (fully-qualified) employed at the facility in the past 1 month:

87.) # of FULL-time staff:

(Full-time: 35- 40+ hours/ week)

88.) # of PART-time staff:

(Less than 35 hrs/ week)

89.) Does your facility have fully-qualified Pharmacists?

☐ Yes
☐ No

90.) Total # of Pharmacists (fully-qualified) employed at the facility in the past 1 month:

91.) # of FULL-time Pharmacy staff:

(Full-time: 35- 40+ hours/ week)

92.) # of PART-time Pharmacy staff:

(Less than 35 hrs/ week)

93.) Does your facility have Medical Interns?

☐ Yes
☐ No

94.) Total # of Medical Interns employed at the facility in the past 1 month:

95.) # of FULL-time medical interns:

(Full-time: 35- 40+ hours/ week)

96.) # of PART-time medical interns:

(Less than 35 hrs/ week)

97.) Does your facility have any ON-SITE Biomedical Staff?

☐ Yes
☐ No

98.) Total # of ON-SITE Biomedical Staff employed at the facility in the past 1 month:

99.) # of FULL-time Biomedical Staff:

(Full-time: 35- 40+ hours/ week)

100.) # of PART-time Biomedical Staff:

(Less than 35 hrs/ week)

101.) In the past 1 month, has your facility hired any OFF-site (outside) Biomedical Staff support?

☐ Yes
☐ No

102.) In the past 1 month, did your facility host any VISITING Surgeons or Doctors (NON-Anesthesiologists) who helped perform Obstetric Surgeries?

☐ Yes
☐ No

103.) Total # of VISITING Surgeons/Doctors (NON-Anesthesiologists) at the facility in the past 1 month:

104.) In the past 1 month, how many days did the visiting Surgeons/Doctors work at the facility?

105.) In the past 1 month, how many obstetrics surgery cases did the visiting Surgeons/Doctors perform?

106.) In the past 1 month, did your facility host any VISITING Anesthesiologists/ Nurse Anesthetists who helped perform Obstetric Surgeries?

☐ Yes
☐ No

107.) Total # of VISITING Anesthesiologists/ Nurse Anesthetists at the facility in the past 1 month:

108.) In the past 1 month, how many days on average did every visiting Anesthesiologist/ Nurse Anesthetist work at the facility?

109.) In the past 1 month, how many obstetrics surgery cases did the visiting Anesthesiologists/ Nurse Anesthetists perform?

Infrastructure

SECTION 2- FACILITY INFRASTRUCTURE:

FACILITY DEMOGRAPHICS:

110.) How would you classify this facility?

- ☐ Government
☐ Private
☐ Mission
☐ Other

111.) What type of setting is your facility located within?

- ☐ Rural
☐ Semi-Rural
☐ Semi-Urban
☐ Urban

112.) What referral level is this facility?

- ☐ Community Hospital
☐ Sub-County (Primary Referral)
☐ County (Secondary Referral)
☐ National (Tertiary Referral)

113.) Total Catchment Population served by this facility:

_____ (total # of people)

114.) Does the facility record which districts or villages patients travel TO your facility from?

- ☐ Yes
☐ No

115.) Total # of fully-functioning operating theatres in this facility:

116.) Total # of Hospital Beds in the facility (total bed capacity):

_____ (total bed capacity)

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
117.) In the past 1 month, about how often did the bed capacity meet ALL patients demand in this facility?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
118.) In the past 1 month, about how often did the bed capacity meet ALL OBSTETRIC patients demand in this facility?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

119.) In the past 1 month, has this facility had a functioning ambulance?

- ☐ Yes
☐ No

120.) In the past 1 month, has the ambulance transported any patients TO your facility?

- ☐ Yes
☐ No

	Trauma/Casualty	Obstetrics	Medical Illness	Other:
121.) In the past 1 month, what was the most common reason patients were transported TO your facility by the ambulance?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

122.) In the past 1 month, has the ambulance transported any patients FROM your facility to a higher-level facility?

☐ Yes
☐ No

	Trauma/Casualty	Obstetrics	Medical Illness	Other:
123.) In the past 1 month, what was the most common reason patients were transported FROM your facility by the ambulance to a higher-level facility?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

WARDS / PATIENT CARE AREAS:

124.) At the facility, do Operating Rooms at your facility have a specific space designated for neonatal resuscitation?

☐ Yes
☐ No

125.) If Yes, How many neonatal resuscitation areas are available in your facility?

Emergency Room (Casualty Ward):

126.) Does the facility have an Emergency Room (Casualty Ward)?

☐ Yes
☐ No

	ER Specialist	Nurse/Midwife	Medical Officer	Medical Intern	Other:
127.) In general, during the DAY, which of the following medical staff members most often make clinical decisions for patients in this unit? (Check all that apply.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
128.) In general, during the NIGHT, which of the following medical staff members most often make clinical decisions for patients in this unit? (Check all that apply)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

129.) During a typical shift, how many patients does each nurse directly care for on this ward?

((Nurse-to-patient ratio))

Intensive Care Ward (ICU):

130.) Does the facility have an Intensive Care Ward (ICU)?

☐ Yes
☐ No

131.) Total number of ICU Beds:

	ICU Specialist	Nurse/Midwife	Medical Officer	Medical Intern	Other:
132.) In general, during the DAY, which of the following medical staff members most often make clinical decisions for patients in this unit? (Check all that apply.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
133.) In general, during the NIGHT, which of the following medical staff members most often make clinical decisions for patients in this unit? (Check all that apply.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

134.) During a typical shift, how many patients does each nurse directly care for on this ward?

((Nurse-to-patient ratio))

Post-Anesthesia Care Ward (PACU):

135.) Does the facility have a Post-Anesthesia Care Ward (PACU)?

☐ Yes
☐ No

136.) Total # of PACU beds:

	PACU Specialist	Nurse/Midwife	Medical Officer	KRNA/RCOA	Medical Intern	Operating Room Manager	Other:
137.) In general, during the DAY, which of the following medical staff members most often make clinical decisions for patients in this unit? (Check all that apply.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
138.) In general, during the NIGHT, which of the following medical staff members most often make clinical decisions for patients in this unit? (Check all that apply.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

139.) During a typical shift, how many patients does each nurse directly care for on this ward?

((Nurse-to-patient ratio))

Labor & Delivery Ward:

140.) Does the facility have a Labor & Delivery Ward?

☐ Yes
☐ No

141.) Total # of Labor & Delivery Beds:

(# of beds specifically reserved for labor & delivery)

	Labor & Delivery Specialist	Nurse/Midwife	Medical Officer	Medical Intern	Other:

142.) In general, during the DAY, which of the following medical staff members most often make clinical decisions for patients in this unit? (Check all that apply.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	- <input type="checkbox"/>
143.) In general, during the NIGHT, which of the following medical staff members most often make clinical decisions for patients in this unit? (Check all that apply)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

144.) During a typical shift, how many patients does each nurse directly care for on this ward?

((Nurse-to-patient ratio))

Neonatal/Pediatric Ward:

145.) Does the facility have a Neonatal/Pediatric Ward?

☐ Yes
☐ No

146.) Total # of Neonatal/Pediatric beds:

	Pediatric Specialist	Nurse/Midwife	Medical Officer	Medical Intern	Other:
147.) In general, during the DAY, which of the following medical staff members most often make clinical decisions for patients in this unit? (Check all that apply.)	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

148.) In general, during the NIGHT, which of the following medical staff members most often make clinical decisions for patients in this unit? (Check all that apply.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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149.) During a typical shift, how many patients does each nurse directly care for on this ward?

((Nurse-to-patient ratio))

INFRASTRUCTURE:

Running Water:

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
150.) In the past 1 month, how often was running water available to the ENTIRE FACILITY?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
151.) In the past 1 month, how often was running water available in the OPERATING THEATRE during OBSTETRIC SURGERIES?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Electricity:

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
152.) In the past 1 month, how often was electricity available to the ENTIRE FACILITY?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
153.) In the past 1 month, how often was electricity available in the OPERATING THEATRE during OBSTETRIC SURGERIES?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Functioning Back-Up Generator:

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
154.) In the past 1 month, how often was a functioning back-up generator available to the ENTIRE FACILITY?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
155.) In the past 1 month, how often was a functioning back-up generator available in the OPERATING THEATRE during OBSTETRIC SURGERIES?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

156.) Is at least 1 operating theatre light connected to a functioning back-up generator source in the facility?

☐ Yes
☐ No

Oxygen Supply:

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
157.) In the past 1 month, how often was a reliable oxygen supply available to the ENTIRE FACILITY?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

158.) In the past month, which of the following patient wards had a functioning compressed oxygen cylinder available? (Select all that apply.)

- ☐ Post-Anesthesia Care (PACU)
☐ Intensive Care (ICU)
☐ Emergency (Casualty Ward)
☐ Labor & Delivery
☐ Pediatric/Neonatal
☐ Operating Theatre
☐ Other: _____

159.) In the OR, where is the Oxygen stored?

- ☐ Tanks
☐ Walls
☐ Other _____

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
160.) How often is your facility out of tanks due to poor supply?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

161.) How far is the location where the Tanks get refilled?

- ☐ 0- 50 Km
☐ 51- 100 Km
☐ 101- 150 Km
☐ 151- 200 Km
☐ Over 200 Km

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
162.) In the past 1 month, how often was a reliable oxygen supply available in the Operating Theater during OBSTETRIC SURGERY?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

163.) Does this facility have a functioning laboratory on-site?	<input type="radio"/> Yes <input type="radio"/> No
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164) Which of the following tests is the on-site laboratory capable of performing? (Check all that apply.)	<input type="checkbox"/> Type-and-Cross <input type="checkbox"/> Type-and-Screen <input type="checkbox"/> CBC (DWBC, H/H, PLTS) <input type="checkbox"/> Hemoglobin <input type="checkbox"/> Electrolytes (Na, K, Bun, Cr, Glc) <input type="checkbox"/> Thyroid Function <input type="checkbox"/> Calcium Levels <input type="checkbox"/> Prothrombin Time (PT) <input type="checkbox"/> Partial Thromboplastin Time (PTT) <input type="checkbox"/> INR <input type="checkbox"/> Liver Function <input type="checkbox"/> None of these
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	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
165.) During the DAY (8am to 8pm), how often has the laboratory been open with functioning equipment in the past 1 month?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

166.) During the NIGHT (8pm to 8am), how often has the laboratory been open with functioning equipment in the past 1 month?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
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	0-4	5-10	11-15	16-20	21-25	More than 25
167.) How many Patients on average receive Laboratory Services per day?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Blood Bank Services:

168.) Does the health facility have a blood bank on-site?	<input type="radio"/> Yes <input type="radio"/> No
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	0-2 units	3-5 units	5-10 units	>10 units
169.) What is the typical capacity of the on-site blood bank?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
170.) How often do you have 4 unit of blood ready for an Emergency Obstetric patient who is bleeding	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>
171.) During the DAY (8am to 8pm), how often has the blood bank been open and accessible during the past 1 month?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
172.) During the NIGHT (8pm to 8am), how often has the blood bank been open and accessible during the past 1 month?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
173.) In the past 1 month, has the health facility utilized any alternate methods for obtaining blood products?	<input type="radio"/> Yes <input type="radio"/> No				
	Off-Site Blood Bank (blood stored at another facility)	Walking Blood Bank (individuals ready to donate)		Direct Donation (donations planned prior to surgery)	
174.) Which of the following alternative methods has the facility utilized to obtain blood products in the past 1 month? (Check all that apply.)	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	
175.) If the facility has utilized an OFF-SITE BLOOD BANK (blood stored at another facility) in the past 1 month, what is the AVERAGE TIME it takes to obtain blood products from this source?	<input type="radio"/> Less than 30 minutes <input type="radio"/> Between 30 minutes - 1 hour <input type="radio"/> Between 1 - 2 hours <input type="radio"/> More than 2 hours <input type="radio"/> Facility has NOT used this service in past 1 month				
176.) Does your Facility have a Walking Blood Bank Protocol?	<input type="radio"/> Yes <input type="radio"/> No				
177.) Do you have employees at your facility who are willing to donate blood?	<input type="radio"/> Yes <input type="radio"/> No				
178.) Does the Facility know their blood types?	<input type="radio"/> Yes <input type="radio"/> No				
179.) In the past 1 month, what is the AVERAGE TIME it took to obtain blood products from WALKING BLOOD BANK sources?	<input type="radio"/> Less than 30 minutes <input type="radio"/> Between 30 minutes - 1 hour <input type="radio"/> Between 1 - 2 hours <input type="radio"/> More than 2 hours <input type="radio"/> Facility has NOT used this service in past 1 month (Walking blood bank: individuals ready to donate blood.)				

180.) In the past 1 month, how often was blood requested from patients before their procedure?

- ☐ Never (0%)
☐ Rarely (25%)
☐ Sometimes (50%)
☐ Frequently (75%)
☐ Always(100%)

181.) In the past 1 month, what is the AVERAGE TIME it took to obtain blood products from DIRECT BLOOD DONATIONS?

- ☐ Less than 6 hours
☐ Between 6 - 12 hours
☐ Between 12 - 24 hours
☐ More than 1 day (>24 hrs)
☐ Facility has NOT used this service in past 1 month
 (Direct Blood Donations: blood donations planned prior to surgery.)

182.) Does your facility have a protocol in place for urgent need of blood donations?

- ☐ Yes
☐ No

183.) What is the protocol, describe:

Pharmacy:

184.) Does the facility have a functioning Pharmacy on-site?

- ☐ Yes
☐ No

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
185.) In the past 1 month, how often has the pharmacy been open and appropriately stocked to provide medicines to the operating theatre during the DAY (8am to 8pm)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
186.) In the past 1 month, how often has the pharmacy been open and appropriately stocked to provide medicines to the operating theatre suite during the NIGHT (8pm to 8am)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

MEDICAL RECORDS:

187.) Does the facility currently maintain WRITTEN SURGICAL RECORDS (Surgery Log Books)?

- ☐ Yes
☐ No

	Specialist	Nurse/ Midwife	Medical Officer	KRNA/ RCOA	Medical Intern	Operating Room Manager	Other: _____
188.) Which type of medical staff member is typically most responsible for recording information in the WRITTEN SURGICAL RECORDS (Surgery Log Books)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
189.) In the past 1 month, about how often were WRITTEN SURGICAL RECORDS kept (in surgical log books) for OBSTETRIC SURGERIES?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

190.) Does the facility currently maintain ELECTRONIC SURGICAL RECORDS? ☐ Yes
☐ No

	Specialist	Nurse/ Midwife	Medical Officer	KRNA/RC OA	Medical Intern	Operating Room Manager	Surgery Registrar	Other: _____
191.) Which type of medical staff member is typically most responsible for recording information in the ELECTRONIC SURGICAL RECORDS?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
192.) In the past 1 month, about how often were ELECTRONIC SURGICAL RECORDS kept for OBSTETRIC SURGERIES?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

193.) Does the facility currently maintain WRITTEN ANESTHESIA RECORDS? ☐ Yes
☐ No

	Anesthesiologist	KRNA/ RCOA	Operating Room Manager	Other: _____
194.) Which type of medical staff member is typically most responsible for recording information in the WRITTEN ANESTHESIA RECORDS?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
195.) In the past 1 month, about how often were WRITTEN ANESTHESIA RECORDS kept for OBSTETRIC SURGERIES?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

196.) Does the facility currently maintain ELECTRONIC ANESTHESIA RECORDS? ☐ Yes ☐ No

	Anesthesiologist	KRNA/ RCOA	Operating Room Manager	Other:
197.) Which type of medical staff member is typically most responsible for recording information in the ELECTRONIC ANESTHESIA RECORDS?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
198.) In the past 1 month, about how often were ELECTRONIC ANESTHESIA RECORDS kept for OBSTETRIC SURGERIES?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

199.) Does the facility currently maintain PARTOGRAPH RECORDS? ☐ Yes ☐ No

	OBG/Gyn	Nurse/ Midwife	Medical Officer	Anesthesia care Provider	Medical Intern, Other:
200.) Which type of medical staff member is typically most responsible for recording information in the PARTOGRAPH RECORDS?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
201.) In the past 1 month, about how often were PARTOGRAPH RECORDS kept for women undergoing OBSTETRIC SURGERIES in the facility?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

202.) Does the facility currently maintain DEATH RECORDS? ☐ Yes ☐ No

203.) Is the CAUSE of death recorded in the facility's Death Records? ☐ Yes ☐ No

204.) Is the TIME of death recorded in the facility's Death Records? ☐ Yes
☐ No

205.) Is the LOCATION (or WARD) where death occurs recorded in the facility's Death Records? ☐ Yes
☐ No

	Specialist	Nurse/ Midwife	Medical Officer	KRNA/ RCOA	Medical Intern	Secretary	Hospital Administr ator	Other: _____
206.) Which type of hospital staff member is typically most responsible for recording information in the DEATH RECORDS at the facility?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
207.) In the past 1 month, about how often were DEATH RECORDS kept for women undergoing OBSTETRIC SURGERIES in the facility?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

208.) Does the facility currently maintain BIRTH RECORDS (for births occurring in the facility)? ☐ Yes
☐ No

	Specialist	Nurse/ Midwife	Medical Officer	KRNA/RC OA	Medical Intern	Secretary	Hospital Administr ator	Other: _____
209.) Which type of hospital staff member is typically most responsible for recording information in the BIRTH RECORDS?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

GUIDELINES & POLICIES:

210.) Does the facility have patient care guidelines for Surgery (such as a Safe Surgery Checklist)? ☐ Yes
☐ No

	Specialist	Nurse/ Midwife	Medical Officer	KRNA/RCO A	Medical Intern	Operating Room Manager	Other: _____
211.) In general, which of the following staff members are trained on these guidelines? (Check all that apply.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)		
212.) In the past 1 month, about how often were these guidelines followed in the facility?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>		
213.) How many Safe Surgery checklist are in theater? _____							
214.) For interviewer: How many Safe Surgery checklist are in the theater? _____							
215.) For Interviewer: Does every OR have a Safe Surgery Checklist? <input type="radio"/> Yes <input type="radio"/> No							
216.) Does the facility have patient care guidelines for Administration of Anesthesia? <input type="radio"/> Yes <input type="radio"/> No							
	Specialist	Nurse/ Midwife	Medical Officer	KRNA/ RCOA,	Medical Intern	Operating Room Manager	Other: _____
217.) In general, which of the following staff members are trained on these guidelines? (Check all that apply.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)		
218.) In the past 1 month, about how often were these guidelines followed in the facility?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
219.) Does the facility have patient care guidelines for C-Sections? <input type="radio"/> Yes <input type="radio"/> No							
	Specialist	Nurse/ Midwife	Medical Officer	KRNA/ RCOA	Medical Intern	Operating Room Manager	None
220.) Which of the following staff members are trained on these guidelines? (Check all that apply.)	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)		
221.) In the past 1 month, about how often were these guidelines followed in the facility?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>		
222.) Does the facility have patient care guidelines for ICU care? <input type="radio"/> Yes <input type="radio"/> No							

	Specialists	Nurse/ Midwife	Medical Officer	KRNA/RCOA	Medical Intern	Other:
223.) In general, which of the following staff members are trained on these guidelines? (check all that apply.)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)	
224) In the past 1 month, about how often were these guidelines followed in the facility?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
225.) Does the facility currently have a reporting system in place for adverse obstetric surgical events?	<input type="radio"/> Yes <input type="radio"/> No					
	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)	
226.) In the past 1 month, about how often were adverse obstetric surgical events reported?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	
	Weekly	Monthly	Every 3 Months	Every 6 Months	Yearly	
227.) How often are these reports systematically reviewed?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	

Equipment & Supplies

SECTION 3- EQUIPMENT & SUPPLIES:

OBSTETRIC SURGERY EQUIPMENT/SUPPLIES:

228.) Does the facility have a Surgical Equipment Sterilizer?

☐ Yes
☐ No

229.) Total # in facility:

230.) Type of Surgical Equipment Sterilizer:

☐ Electric Autoclave
☐ Manual Autoclave
☐ Steam
☐ Sterilizing Solution
☐ Other: _____

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
231.) In the past 1 month, about how often was a functioning surgical equipment sterilizer available in the operating theatre?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

232.) Does the facility have a Suction Pump?

☐ Yes
☐ No

233.) Total # in facility:

234.) Type of Suction Pump (check all that apply.):

☐ Electric
☐ Manual/Foot-Powered
☐ Hand-Crank

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
235.) In the past 1 month, about how often was a functioning suction pump available in the operating theatre?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

236.) Does the facility have Surgical Instrument Sets?

☐ Yes
☐ No

237.) Total # in facility:

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
238.) In the past 1 month, about how often were surgical instrument sets available in the operating theatre?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

239.) Does the facility have C/S sets? ☐ Yes
☐ No

240.) Total # in facility: _____

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
241.) In the past 1 month, about how often were C/S kits available in the operating theatre?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

242.) Does the facility have an Ultrasound Machine? ☐ Yes
☐ No

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
243.) In the past 1 month, how often has there been at least 1 functioning ultrasound machine available in the facility?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

244.) Does the Facility have staff trained on how to use the Ultrasound machine? ☐ Yes
☐ No

245.) How many: _____

246.) Do pregnant mothers get an ultrasound? ☐ Yes
☐ No

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
247.) How often do mothers get an ultrasound reading of the fetus location & status?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

248.) What are the deficits as to why all mothers do not get this diagnostic option?

249.) Does the facility have a Fetal Heart Monitor? ☐ Yes
☐ No

250.) Total # in facility: _____

251.) Which type of Fetal Heart Monitors does the facility have?

- ☐ Intermittent
☐ Continuous
☐ Both Types

252.) Does the CONTINUOUS Fetal Heart Monitor also include a TOCOMETER?

- ☐ Yes
☐ No

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
253.) In the past 1 month, how often was at least 1 Fetal Heart Monitor functioning and available in the facility?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

During the past 1 month, about how often were each of the following items functioning AND available in the operating theatre?

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
254.) Sterile Gloves:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
255.) Examination Gloves (non-sterile):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
256.) Suction Catheter (size 16 Fr):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
257.) Urinary Catheters:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
258.) Umbilical Cord Clamp:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
259.) Retractor:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
260.) Sutures (with needles):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
261.) Electrocautery Equipment:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
262.) Syringes with needles (disposable):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
263.) Episiotomy Scissors:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
264.) Surgical Scissors:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
265.) Sterile Surgical Drapes:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
266.) Manual Vacuum Extractor:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
267.) Vacuum Aspirator (D & C kit):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
268.) Incubator:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
269.) Scalpel with blades:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
270.) Skin Disinfectant:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
271.) Handwashing Soap:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
272.) Face Masks (PPE):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
273.) Eye Protection (shields, goggles, etc.):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

274.) Gowns (PPE):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
275.) Hair Covers (PPE):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
276.) Shoe Covers (PPE):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

ANESTHESIA EQUIPMENT/SUPPLIES:

277.) Does the facility have a Pulse Oximeter? ☐ Yes
☐ No

278.) Total # in facility: _____

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
279.) In the past 1 month, about how often was a functioning pulse oximeter available in the operating theatre?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
280.) In the past 1 month, about how often was a pulse oximeter used by staff during obstetric surgeries?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

281.) In the past 1 month, where were pulse oximeters most often placed on patients during obstetric surgeries?

☐ Finger
☐ Toe
☐ Earlobe
☐ Other Location: _____

282.) Does the facility have an ADULT Resuscitator Bag and Mask? ☐ Yes
☐ No

283.) Total # in facility: _____

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
284.) In the past 1 month, about how often was a functioning ADULT Resuscitator Bag and Mask available in the operating theatre?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

285.) Does the facility have a PEDIATRIC Resuscitator Bag and Mask? ☐ Yes
☐ No

286.) Total # in facility: _____

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
287.) In the past 1 month, about how often was a functioning PEDIATRIC Resuscitator Bag and Mask available in the operating theatre?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

288.) Does the facility have an ECG Monitor? ☐ Yes
☐ No

289.) Total # in facility: _____

290.) In the past 1 month, which of the following patient wards had a functioning ECG Monitor available? (Select all that apply.)

- ☐ Post-Anesthesia Care (PACU)
☐ Intensive Care (ICU)
☐ Emergency (Casualty Ward)
☐ Labor & Delivery
☐ Pediatric/Neonatal
☐ Operating Theatre
☐ Other: _____

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
291.) In the past 1 month, about how often was a functioning ECG Monitor available in the operating theatre?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

292.) Does the facility have a Compressed Oxygen Cylinder? ☐ Yes
☐ No

293.) Total # in facility: _____

294.) In the past 1 month, which of the following patient wards had a functioning compressed oxygen cylinder available? (Select all that apply.)

- ☐ Post-Anesthesia Care (PACU)
☐ Intensive Care (ICU)
☐ Emergency (Casualty Ward)
☐ Labor & Delivery
☐ Pediatric/Neonatal
☐ Operating Theatre
☐ Other: _____

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
295.) In the past 1 month, about how often was a functioning compressed oxygen cylinder available in the operating theatre?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

296.) Does the facility have an Oxygen Concentrator? ☐ Yes
☐ No

297.) Total # in facility:

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
298.) In the past 1 month, about how often was a functioning oxygen concentrator available in the operating theatre?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

299.) Does the facility have an Anesthesia Machine?

☐ Yes
☐ No

300.) Total # in facility:

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
301.) In the past 1 month, about how often was a functioning anesthesia machine (working ventilator + vaporizer) available in the operating theatre?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

During the past 1 month, about how often were each of the following anesthesia supplies functioning AND available in the operating theater?

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
302.) Stethoscope:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
303.) Sphygmomanometer (Manual or Electric Blood Pressure Cuff):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
304.) Capnography (ETCO2 monitoring):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
305.) Bougies:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
306.) Endotracheal Tubes (*ADULT- size 6, 7, or 8):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
307.) Endotracheal Tubes (*PEDIATRIC- size 3, 3.5, or 4):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
308.) Oxygen Masks & Tubing (*ADULT):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
309.) Oxygen Masks & Tubing (*PEDIATRIC):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
310.) Oxygen Masks & Tubing (*NEONATAL):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
311.) Laryngoscopes with Blades (*ADULT- size 3 - 4 blades):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
312.) Laryngoscopes with Blades (*PEDIATRIC- size 0 - 1 blades):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
313.) Oropharyngeal Airway Equipment (*ADULT):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
314.) Oropharyngeal Airway Equipment (*PEDIATRIC):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
315.) Spinal Needles (*ADULT- size 18, 22, or 25 gauge):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
316.) Spinal Needles (*PEDIATRIC- size 25 or 27 gauge):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
317.) Nasogastric (NG) Tubes (*ADULT- size 16 or 18 Fr):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
318.) Nasogastric (NG) Tubes (*PEDIATRIC- size 10 or 12 Fr):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
319.) Stylettes (*ADULT- size 14 Fr):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
320.) Stylettes (*PEDIATRIC- size 6 or 10 Fr)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Medications

SECTION 4- MEDICATIONS

ANESTHESIA DRUGS:

During the past 1 month, about how often were each of the following GENERAL INHALATION ANESTHESIA DRUGS available in the operating theater for use during OBSTETRIC surgeries?

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
321.) Ether:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
322.) Halothane:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
323.) Isoflurane:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
324.) Enflurane:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
325.) Sevoflurane:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
326.) Desflurane:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

During the past 1 month, about how often were each of the following INTRAVENOUS (IV) ANESTHESIA DRUGS available in the operating theater for use during OBSTETRIC surgeries?

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
327.) Succinylcholine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
328.) Ketamine:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
329.) Propofol:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
330.) Thiopental:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
331.) Diazepam:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
332.) Midazolam:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

During the past 1 month, about how often were each of the following REGIONAL/ LOCAL ANESTHESIA DRUGS available in the operating theater for use during OBSTETRIC surgeries?

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
333.) Lidocaine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
334.) Bupivacaine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
335.) Ropivacaine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

During the past 1 month, about how often were each of the following SPINAL ANESTHESIA DRUGS available in the operating theater for use during OBSTETRIC surgeries?

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
336.) Lidocaine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
337.) Bupivacaine	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

338.) Tetracaine ☐ ☐ ☐ ☐ ☐

During the past 1 month, about how often were each of the following MUSCLE RELAXANT DRUGS available in the operating theater for use during OBSTETRIC surgeries?

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
339.) Suxamethonium:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
340.) Pancuronium:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
341.) Other:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

During the past 1 month, about how often were each of the following VASOPRESSOR DRUGS available in the operating theater for use during OBSTETRIC surgeries?

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
342.) Phenylephrine:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
343.) Epinephrine (Adrenaline):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
344.) Ephedrine:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
345.) Other:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

During the past 1 month, about how often were each of the following RESUSCITATION DRUGS available in the operating theater for use during OBSTETRIC surgeries?

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
346.) Atropine or Glycopyrrolate:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
347.) Amiodarone:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
348.) Adenosine (APD):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

OBSTETRIC SURGERY DRUGS:

During the past 1 month, about how often were each of the following OBSTETRICS DRUGS available in the operating theater for use during OBSTETRIC surgeries?

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
349.) Magnesium Sulfate (greater than or equal to 5gm)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
350.) Oxytocin (greater than or equal to 40u)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
351.) Methylergonovine Maleate (Methergine):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
352.) Prostaglandin F2 Alpha (Hemabate):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

During the past 1 month, about how often were each of the following NARCOTIC / OPIOID PAIN-RELIEVING DRUGS available in the facility for use during OBSTETRIC surgeries (or in PACU post-surgery)?

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
353.) Morphine:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
354.) Fentanyl:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
355.) Pethidine:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

During the past 1 month, about how often were each of the following NON-NARCOTIC PAIN-RELIEVING DRUGS available in the facility for use during OBSTETRIC surgeries (or in PACU post-surgery)?

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
356.) Intravenous (IV) Paracetamol:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
357.) Intravenous (IV) Brufen (Ibuprofen):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

During the past 1 month, about how often were each of the following ANTIBIOTICS available in the facility for use during OBSTETRIC surgeries?

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
358.) Ampicillin:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
359.) Cephalosporin:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
360.) Other:	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

Procedures & Outcomes

SECTION 5- PROCEDURES & OUTCOMES:

ADMINISTRATION OF ANESTHESIA:

During the past 1 month, about how often was anesthesia primarily administered to patients by each of the following medical staff members during OBSTETRIC surgeries?

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
361.) Anesthesiologist (fully-qualified)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
362.) General Surgeon (fully-qualified)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
363.) Obstetrics/Gynecology Physician (fully-qualified)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
364.) General Doctor (fully-qualified)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
365.) Kenya Registered Nurse Anesthetist (KRNA)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
366.) Registered Clinical Officer of Anesthesia (RCOA)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
367.) Fully-qualified Nurse (non-KRNA)	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

OBSTETRIC SURGERIES:

In the past 1 month, about how often were OBSTETRIC surgeries primarily performed by each of the following medical staff members in the facility?

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
368.) General Surgeon (fully-qualified):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
369.) Obstetric/Gynecology Physician (fully-qualified):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
370.) General Doctor (fully-qualified):	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
371.) Medical Intern	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
372.) How often did a Medical Intern perform an obstetric surgery in presence of a supervisor?	<input type="radio"/>	<input type="radio"/>	<input checked="" type="radio"/>	<input type="radio"/>	<input type="radio"/>

SURGICAL EVENTS & OUTCOMES:

During the past 1 month, exactly how many of the following events occurred at this facility? (Please insert an exact # for each event listed below.)

373.) Total # of ALL SURGERIES Performed:

_____ (All types of surgeries performed on all patients)

374.) Total # of OBSTETRIC Surgeries Performed:

_____ (All type of obstetric surgeries)

375.) Total # of C-SECTIONS Performed:

376) Total # of EMERGENT C-Sections Performed:

377.) Total # of PLANNED / ELECTIVE C-Sections Performed:

378.) Total # of C-Sections Performed when a KRNA was PRESENT:

379.) Total # of ASSISTED VAGINAL DELIVERIES Performed:

_____ ("Assisted" = use of vacuum or forceps))

380.) Total # of Assisted Vaginal Deliveries Performed when a KRNA was PRESENT:

_____ ("Assisted" = use of vacuum or forceps))

381.) Total # of UTERINE EVACUATIONS (D&C) Performed:

382.) Total # of Uterine Evacuations (D&C) Performed when a KRNA was PRESENT:

383.) Total # of TAH Performed as a result of uncontrollable uterine bleeding:

384.) Total # of TAH Performed (for Control of Hemorrhage) when a KRNA was PRESENT:

385.) Total # of MANUAL REMOVALS of PLACENTAS Performed in the Operating Theater after Vaginal Deliveries:

386.) Total # of Manual Removals of Placentas
Performed after Vaginal Deliveries when a KRNA was
PRESENT:

387.) Total # of SPONTANEOUS VAGINAL DELIVERIES (SVD)
at the facility:

388.) Total # of OBSTETRIC INPATIENT ADMISSIONS:

389.) Total # of ALL LIVE BIRTHS at the facility:

390.) Total # of FULL-TERM Live Births:

391.) Total # of PREMATURE Live Births:

392.) AVERAGE Maternal Length-of-Stay in Hospital
POST-SURGERY:

(Number of days)

393.) Total # of MATERNAL HEMORRHAGES that occurred
in the facility:

(Hemorrhage: blood loss \geq 1.5L)

394.) Total # of Maternal Hemorrhages that occurred
DURING VAGINAL DELIVERIES:

(Hemorrhage: blood loss \geq 1.5L)

395.) Total # of Maternal Hemorrhages that occurred
DURING C-SECTIONS:

(Hemorrhage: blood loss \geq 1.5L)

396.) Total # of Maternal Hemorrhages that occurred
DURING C-SECTIONS when a KRNA was PRESENT:

(Hemorrhage: blood loss \geq 1.5L)

397.) Total # of Maternal Hemorrhages that occurred
POST-PARTUM (PPH):

(Hemorrhage: blood loss \geq 1.5L)

398.) Total # of MATERNAL Resuscitations Performed in
the Operating Theater DURING ALL OBSTETRIC SURGERIES:

((Resuscitation = CPR or chest compressions))

399.) Total # of MATERNAL Resuscitations Performed in
the Operating Theater DURING C-SECTIONS:

((Resuscitation = CPR or chest compressions))

400) Total # of MATERNAL Resuscitations Performed in
the Operating Theater when a KRNA was PRESENT:

((Resuscitation = CPR or chest compressions))

((Resuscitation = CPR or chest compressions))

((Resuscitation = CPR or chest compressions))

((Resuscitation = CPR or chest compressions))

((Resuscitation = CPR or chest compressions))

((Resuscitation = CPR or chest compressions))

((Resuscitation = CPR or chest compressions))

((Resuscitation = CPR or chest compressions))

((Resuscitation = CPR or chest compressions))

((Resuscitation = CPR or chest compressions))

(Deaths due to any cause)

417.) Total # of ALL POST- SURGICAL DEATHS that occurred in the facility on the DAY-OF-SURGERY:

418.) Total # of MATERNAL POST- SURGICAL DEATHS that occurred in the facility on the DAY-OF-SURGERY.

(Within 30 days post-surgery)

419.) Total # of MATERNAL POST- C-SECTION DEATHS that occurred in the facility on the DAY-OF-SURGERY:

420.) Total # of MATERNAL DEATHS Due To HEMORRHAGE:

421.) Total # of MATERNAL DEATHS Due To INFECTIONS:

422.) Total # of ALL IN-UTERO NEONATAL DEATHS that occurred during Maternal Hospitalizations in the facility:

423.) Total # of ALL STILLBIRTHS that occurred in the facility:

424.) Total # of PREMATURE Stillbirths that occurred in the facility:

425.) Total # of FULL-TERM Stillbirths that occurred in the facility:

426.) Total # of ALL INFANT DEATHS (infants >1 day old) that occurred in the facility due to any cause:

(Within 30 days of live births)

427.) Total # of PREMATURE Infant Deaths that occurred AFTER a LIVE-BIRTH in the facility:

(Within 30 days of live births)

428.) Total # of FULL-TERM Infant Deaths that occurred AFTER a LIVE-BIRTH in the facility:

(Within 30 days of live births)

429.) Total # of Obstetric Surgical Referrals/Transfers Coming IN FROM other Lower-Level Facilities:

430.) Total # of Obstetric Surgical Referrals/Transfers OUT TO other Higher-Level Facilities:

During the past 1 month, about how often were each of the following types of anesthesia administered to patients undergoing ALL TYPES of OBSTETRIC SURGERIES?

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
431.) General Inhalation Anesthesia?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
432.) Intravenous (IV) Anesthesia?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
433.) Spinal Anesthesia?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
434.) Regional/Local Anesthesia (truncal or wound infiltration)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>

During the past 1 month, about how often were each of the following types of anesthesia administered to patients undergoing C-SECTIONS?

	Never (0%)	Rarely (25%)	Sometimes (50%)	Frequently (75%)	Always (100%)
435.) General Inhalation Anesthesia?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
436.) Intravenous (IV) Anesthesia?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
437.) Spinal Anesthesia?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>
438.) Regional/Local Anesthesia (truncal or wound infiltration)?	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>	<input type="radio"/>