

Vignette 1- A

Radha, wife of Gangaram Verma , 26 years old is pregnant for the third time. She has one daughter 5 years old and second child is a boy 2 years old now. She has been admitted to a hospital today at 5.00 am with a complaint of labour pains since 2.00 am. She tells you that her membranes ruptured at 4.00 am. At admission, cervix was 2 cm dilated.

Imagine that you are the nurse at the hospital and plot the following findings on the partograph.

At 9.00 am

Cervix is 5 cm dilated.

She had 3 contractions every 10 min, each lasting 20-40 seconds.

The FHR is 120 beats/minute.

Membranes are absent and amniotic fluid is clear.

Her pulse is 68 beats/minute, BP is 120/70 mm Hg and temperature is 36.8 deg Celsius.

9.30 am FHR- 120 b/min, contractions 3/10 each 30 sec, Pulse- 80/min, amniotic fluid clear

10.00 am FHR- 136 b/min, contractions 3/10 each 35 sec, Pulse- 80/min, amniotic fluid clear

10.30 am FHR- 140 b/min, contractions 3/10 each 40 sec, Pulse- 88/min, amniotic fluid clear

11.00 am FHR- 130 b/min, contractions 3/10 each 45 sec, Pulse- 84/min, amniotic fluid clear

11.30 am FHR- 136 b/min, contractions 4/10 each 45 sec, Pulse-88/min, amniotic fluid clear

12 noon FHR- 140 b/min, contractions 4/10 each 45 sec, Pulse-88/min, amniotic fluid clear

12.30 pm FHR- 130 b/min, contractions 4/10 each 50 sec, Pulse- 88/min, amniotic fluid clear

1.00 pm FHR- 140 b/min, contractions 4/10 each 55 sec, Pulse- 90/min, temperature 37 deg Celsius

At 1.00 pm Cervix fully dilated, BP- 100/70 mm Hg, amniotic fluid clear

At 1.20 pm – spontaneous vaginal delivery of a live female child weighing 2.8 kg

Vignette 1-B

Radha, wife of Gangaram Verma , 18 years old is pregnant for the first time. She has been admitted to a hospital today at 10.00 am with a complaint of labour pains since 7.00 am.

Imagine that you are the nurse at the hospital and plot the following findings on the partograph.

At 10.00 am

Cervix is 4 cm dilated.

She had 2 contractions every 10 min, each lasting less than 20 seconds.

The FHR is 140 beats/minute.

Membranes are intact.

Her pulse is 80 beats/minute, BP is 100/70 mm Hg and temperature is 37 deg Celsius.

10.30 am FHR- 140 b/min, contractions 2/10 each 20 sec, Pulse- 90/min

11.00 am FHR- 136 b/min, contractions 2/10 each 20 sec, Pulse- 88/min

11.30 am FHR- 140 b/min, contractions 2/10 each 20 sec, Pulse- 84/min

12 noon FHR- 136 b/min, contractions 3/10 each 30 sec, Pulse- 88/min, membranes ruptured- amniotic fluid clear

12.30 pm FHR- 146 b/min, contractions 3/10 each 35 sec, Pulse-90/min, amniotic fluid clear

1.00pm FHR- 150 b/min, contractions 4/10 each 40 sec, Pulse-92/min, amniotic fluid- meconium stained

1.30 pm FHR- 160 b/min, contractions 4/10 each 45 sec, Pulse- 94/min, amniotic fluid- meconium stained

At 2.00 pm - Cervix is 6 cm dilated, Amniotic fluid- meconium stained, FHR -162 beats/min,

Pulse-100/min , Temperature- 37.6 deg Celsius, BP- 130/80 mm Hg

What action would you take at 2.00 pm?

Vignette 1-C

Radha, wife of Gangaram Verma , 26 years old is pregnant for the third time. She has one daughter 5 years old and second child is a boy 2 years old now. She has been admitted to a hospital today at 11.00 am with a complaint of labour pains since 4.00 am. She tells you that her membranes ruptured at 9.00 am.

Imagine that you are the nurse at the hospital and plot the following findings on the partograph.

At 11.00 am

Cervix is 4 cm dilated.

She had 3 contractions every 10 min, each lasting less than 20 seconds.

The FHR is 140 beats/minute.

Membranes are absent, amniotic fluid is clear. Her pulse is 80 beats/minute, BP is 100/70 mm Hg and temperature is 37 deg Celsius.

11.30 am FHR- 130 b/min, contractions 3/10 each 35 sec, Pulse- 88/min, amniotic fluid clear

12noon FHR- 136 b/min, contractions 3/10 each 40 sec, Pulse- 90/min, amniotic fluid clear

12.30 pm FHR- 140 b/min, contractions 3/10 each 40 sec, Pulse- 88/min, amniotic fluid clear

1.00 pm FHR- 130 b/min, contractions 3/10 each 40 sec, Pulse- 90/min, amniotic fluid clear

1.30 pm FHR- 120 b/min, contractions 3/10 each 45 sec, Pulse-96/min, amniotic fluid clear

2.00pm FHR- 118 b/min, contractions 3/10 each 45 sec, Pulse-96/min, amniotic fluid clear

2.30 pm FHR- 112 b/min, contractions 3/10 each 45 sec, Pulse- 98/min, amniotic fluid-
meconium stained

3.00 pm FHR-100 b/min, contractions 3/10 each 45 sec, Pulse- 100/min, amniotic fluid-
meconium stained, Cervix is 7 cm dilated, Temperature- 37.8 deg Celsius, BP- 120/80 mm
Hg

What action would you take at 3.00 pm?

Scoring scheme for responses to vignette 1-A, 1-B & 1-C

S.No	Criteria	Score
1.	FHR : Marked FHR correctly (all entries are correct) Marked FHR correctly in atleast half the readings given Marked FHR correctly in less than half readings given	2 1 0
2.	BP: Marked systolic and diastolic readings correctly for both the given measurements [Four readings- 2 systolic and 2 diastolic to be plotted on the graph, each correct plotting scores 0.5]	2
3.	Cervical Dilatation- Marked both cervical dilatation readings correctly [Two readings to be plotted on the graph, each correct plotting scores 1]	2
4.	Contractions - Marked all contraction readings correctly Marked contraction readings correctly atleast 5 times Marked contractions correctly less than 5 times	2 1 0
5.	Patient details- Marked both name and age correctly Marked either name and age or both incorrectly	0.5 0
6.	Patient details- Marked both date of admission and rupture of membranes correctly Marked either date of admission and rupture of membranes or both incorrectly	0.5 0
7.	Clinical endpoint- delivery details(1-A) or referral decision (1-B, 1-C)* written on partograph with time *Referral decision for Non CEmoC facilities, calling doctor/specialist for CEmOC facilities (or mentions will need LSCS)	1
	Maximum score	10

FHR- Foetal Heart Rate

CEmOC- Comprehensive Emergency Obstetric Care

LSCS- Lower Segment Caesarean Section