



## PARTOGRAPH CASE STUDY 1

Radha (wife of Gangaram), 26 years of age, third gravida, was admitted at 5:00 am on 11 June 2009 with the complaint of labour pains since 2:00 am. Her membranes had ruptured at 4:00 am. She has two children of the ages of 5 and 2 years. On admission, her cervix was 2 cm dilated.

Plot the following findings on the partograph:

At 09:00 am:

- The cervix is dilated 5 cm.
- She had 3 contractions in 10 minutes, each lasting 20–40 seconds.
- The FHR is 120 beats per minute.
- The membranes have ruptured and the amniotic fluid is clear.
- Her BP is 120/70 mmHg.
- Her temperature is 36.8°C.
- Her pulse is 80 per minute.

9:30 am: FHR 120, contractions 3/10 each 30 seconds, pulse 80/minute, amniotic fluid clear

10:00 am: FHR 136, contractions 3/10 each 35 seconds, pulse 80/minute, amniotic fluid clear

10:30 am: FHR 140, contractions 3/10 each 40 seconds, pulse 88/minute, amniotic fluid clear

11:00 am: FHR 130, contractions 3/10 each 40 seconds, pulse 88/minute, amniotic fluid clear

11:30 am: FHR 136, contractions 4/10 each 45 seconds, pulse 84/minute, amniotic fluid clear

12:00 noon: FHR 140, contractions 4/10 each 45 seconds, pulse 88/minute, amniotic fluid clear

12:30 pm: FHR 130, contractions 4/10 each 50 seconds, pulse 88/minute, amniotic fluid clear

1:00 pm: FHR 140, contractions 4/10 each 55 seconds, pulse 90/minute, temperature 37°C, BP 100/70 mmHg, amniotic fluid clear

At 1:00 pm:

- Cervix fully dilated
- Amniotic fluid clear
- BP 100/70 mmHg

At 1:20 pm: Spontaneous birth of a live female infant weighing 2.85 kg.

## CASE STUDY 2

Rani (wife of Rambhajan), 18 years of age, was admitted at 10:00 am on 11 June 2009 with complaints of labour pains since 7:00 am. This is her first pregnancy.

Plot the following findings on the partograph:

At 10:00am:

- The cervix is dilated 4 cm. She had 2 contractions in 10 minutes, each lasting less than 20 seconds.
- The FHR is 140 per minute.
- The membranes are intact.
- Her BP is 100/70 mmHg.
- Her temperature is 37°C.
- Her pulse is 80 per minute.

10:30 am: FHR 140, contractions 2/10 each 20 seconds, pulse 90/minute

11:00 am: FHR 136, contractions 2/10 each 20 seconds, pulse 88/minute

11:30 am: FHR 140, contractions 2/10 each 20 seconds, pulse 84/minute

12:00 noon: FHR 136, contractions 3/10 each 30 seconds, pulse 88/minute, membranes ruptured, amniotic fluid clear

12:30 pm: FHR 146, contractions 3/10 each 35 seconds, pulse 90/minute, amniotic fluid clear

1:00 pm: FHR 150, contractions 4/10 each 40 seconds, pulse 92/minute, amniotic fluid meconium-stained

1:30 pm: FHR 160, contractions 4/10 each 45 seconds, pulse 94/minute, amniotic fluid meconium-stained

At 2:00 pm:

- Cervix dilated 6 cm
- Amniotic fluid meconium-stained
- Contractions 4/10 each 45 seconds
- FHR 162/minute
- Pulse 100/minute
- Temperature 37.6°C
- BP 130/80 mmHg.

What action would you take in Rani's case?

### CASE STUDY 3

Rubina (wife of Zarif), age 26 years, was admitted at 11:00 am on 12 June 2009 with the complaint of labour pains since 4:00 am. Her membranes ruptured at 9:00 am. She has three children, of the ages of 8, 7 and 2 years. She gave birth to a stillborn child four years ago.

Plot the following findings on the partograph:

At 11:00 am:

- The cervix is dilated 4 cm.
- She had 3 contractions in 10 minutes, each lasting less than 20 seconds.
- The FHR is 140 per minute.
- The membranes have ruptured and the amniotic fluid is clear.
- Her BP is 100/70 mmHg.
- Her temperature is 37°C.
- Her pulse is 80 per minute.

11:30 am: FHR 130, contractions 3/10 each 35 seconds, pulse 88/minute, amniotic fluid clear

12:00 am: FHR 136, contractions 3/10 each 40 seconds, pulse 90/minute, amniotic fluid clear

12:30 pm: FHR 140, contractions 3/10 each 40 seconds, pulse 88/minute, amniotic fluid clear

1:00 pm: FHR 130, contractions 3/10 each 40 seconds, pulse 90/minute, amniotic fluid clear

1:30 pm: FHR 120, contractions 3/10 each 45 seconds, pulse 96/minute, amniotic fluid clear

2:00 pm: FHR 118, contractions 3/10 each 45 seconds, pulse 96/minute, amniotic fluid clear

2:30 pm: FHR 112, contractions 3/10 each 45 seconds, pulse

98/minute, amniotic fluid meconium-stained

3:00 pm: FHR 100, contractions 4/10 each 45 seconds, pulse

100/minute, amniotic fluid meconium-stained, temperature 37.8°C, BP 120/80

mmHg, cervix dilated 7 cm.

What action would you take in Rubina's case?