

# **Information to Accompany Partograph Case Study**

## **CASE 1**

### **Stage 1**

- Mrs. B was admitted to the hospital at 10:00 a.m. on Feb. 5, 2000.
- Membranes intact.
- Primigravida, primipara.
- Medical record number: 1443.

Note the information above on the partograph, along with the following details:

- The fetal head is 5/5 palpable above the symphysis pubis.
- The cervix is 4 cm dilated.
- Mrs. B is having 2 contractions every 10 minutes, with a duration of less than 20 seconds each.
- The fetal heart rate (FHR) is 140.
- Membranes intact.
- Blood pressure: 100/70.
- Temperature: 36.2°C.
- Pulse: 80/minute.
- Urinary output: 400 ml; negative for protein & acetone.



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## **CASE 1**

### **Stage 2**

Plot the following information on the partograph:

10.30 a.m. FHR 140, Contractions 2/10 with a duration of 15 seconds, Pulse 90.

11.00 a.m. FHR 136, Contractions 2/10 with a duration of 15 seconds, Pulse 88, membranes intact.

11.30 a.m. FHR 140, Contractions 2/10 with a duration of 20 seconds, Pulse 84.

12.00 p.m. FHR 136, Contractions 2/10 with a duration of 15 seconds, Pulse 88, Temperature 36,2°C.

- The fetal head is 5/5 palpable above the symphysis pubis.



# Information to Accompany Partograph Case Study

## CASE 1

### Stage 3

Plot the following information on the partograph:

12.30 p.m. FHR 136, Contractions 1/10 duration of 15 seconds, Pulse 90.  
1.00 p.m. FHR 140, Contractions 1/10 duration of 15 seconds, Pulse 88.  
1.30 p.m. FHR 130, Contractions 1/10 duration of 20 seconds, Pulse 88.  
2.00 p.m. FHR 140, Contractions 2/10 duration of 20 seconds, Pulse 90, Temperature 36,8°C, BP 100/70.

- Urinary output: 300 ml.: negative for protein & acetone.
- Membranes intact.
- Cervix 4 cm. dilated, fetal skull bones are separated and the sutures are easily palpable.
- The fetal head is 3/5 palpable above the symphysis pubis.



# Information to Accompany Partograph Case Study

## CASE 1

### Stage 4

Plot the following information on the partograph:

At 2:00 pm

- Artificial rupture of membranes, amniotic fluid transparent.
- Labor induced with oxytocin (2.5 units in 500 ml. IV fluid, 10 drops per minute).
- 2:30 p.m.:
  - 2 contractions in 10 minutes, each with a duration of 30 seconds.
  - Drip is increased to 20 drops per minute.
  - FHR 140, Pulse 88, BP 120/80.
- 3 p.m.:
  - 3 contractions in 10 minutes, each with a duration of 30 seconds.
  - IV infusion increased to 30 drops/min.
  - FHR 140, Pulse 90.
- 3:30 p.m.:
  - 3 contractions in 10 minutes, each with a duration of 30 seconds.
  - IV infusion increased to 40 drops/min.
  - FHR 140, Pulse 88.
- 4 p.m.:
  - Fetal head 2/5 palpable (De Lee plane 0).
  - Cervix 6 cm dilated.
  - 3 contractions in 10 minutes, each of 30 seconds duration.
  - IV infusion increased to 50 drops/min.
- 4.30 p.m.:
  - FHR 140, Pulse 90, 3 contractions in 10 minutes, each of 45 seconds duration.



## **Information to Accompany Partograph Case Study**

### **CASE 1**

#### **Stage 5**

Plot the following information on the partograph:

5.00 p.m.	FHR 138, Pulse 88, 3/10 duration of 40 seconds, maintain IV infusion at 50 drops/min.
5.30 p.m.	FHR 140, Pulse 90, 3/10 duration of 45 seconds, maintain IV infusion at 50 drops/min.
6.00 p.m.	FHR 140, Pulse 90, 4/10 duration of 50 seconds, maintain IV infusion at 50 drops/min.
6.30 p.m.	FHR 144, Pulse 90, 4/10 duration of 50 seconds, maintain IV infusion at 50 drops/min.



# **Information to Accompany Partograph Case Study**

## **CASE 1**

### **Stage 6**

Plot the following information on the partograph:

- 7 p.m.:
  - Fetal head 0/5 palpable (De Lee plane +4).
  - FHR 144, Pulse 90, Contractions 4 in 10 minutes, duration 50 seconds each.
  - Cervix completely dilated.



# **Information to Accompany Partograph Case Study**

## **CASE 1**

### **Stage 7**

Note the following information in the partograph:

- 8 p.m.: Spontaneous birth of a live male weighing 2,654 g.