

Information to Accompany Partograph Case Study

CASE 2

Stage 1

- Mrs. C was admitted to the hospital at 10 a.m. on Dec. 5, 2000.
- Membranes ruptured at 9:00 a.m.
- Gravida 4, Para 3+0.
- Medical record number: 6639.

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

- The fetal head is 3/5 palpable (De Lee plane –2).
- The cervix is 4 centimeters dilated.
- Mrs. C is having 3 contractions every 10 minutes, with a duration of 30 seconds each.
- The fetal heart rate (FHR) is 140.
- Amniotic fluid is transparent.
- Cranial suture lines are not overlapping.
- Blood pressure: 120/70.
- Temperature: 36.8°C.
- Pulse 80 / minute.
- Urinary output: 200 ml; negative for protein and acetone.

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Plot the following information on the partograph:

10:30 a.m. FHR 130, Contractions 3/10 with a duration of 35 seconds, Pulse 80.
11:00 a.m. FHR 136, Contractions 3/10 with a duration of 40 seconds, Pulse 90.
11:30 a.m. FHR 140, Contractions 3/10 with a duration of 40 seconds, Pulse 88.
12:00 p.m. FHR 140, Contractions 3/10 with a duration of 40 seconds, Pulse 90,
Temperature 37°C, fetal head 3/5 palpable.
12:30 p.m. FHR 130, Contractions 3/10 with a duration of 40 seconds, Pulse 90.
1:00 p.m. FHR 130, Contractions 3/10 with a duration of 40 seconds, Pulse 88.
1:30 p.m. FHR 120, Contractions 3/10 with a duration of 40 seconds, Pulse 88.
2:00 p.m. FHR 130, Contractions 4/10 with a duration of 45 seconds, Pulse 90.
Temperature 37°C, BP 100/70.

- Fetal head is 3/5 palpable (De Lee Plane -2) above the symphysis pubis.
- Cervix 6 cm dilated, amniotic fluid is transparent.
- Suture lines of fetal skull are overlapping but reducible.

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Stage 3

2:30 p.m. FHR 120, Contractions 4/10 with a duration of 40 seconds, Pulse 90, Amniotic fluid is transparent.
3:00 p.m. FHR 120, Contractions 4/10 with a duration of 40 seconds, Pulse 88, Amniotic fluid is transparent stained with blood.
3:30 p.m. FHR 100, Contractions 4/10 with a duration of 45 seconds, Pulse 100.
4:00 p.m. FHR 90, Contractions 4/10 with a duration of 50 seconds, Pulse 100, Temperature 37°C.
4:30 p.m. FHR 96, Contractions 4/10 with a duration of 50 seconds, Pulse 100, Head -2, Amniotic fluid with meconium.
5:00 p.m. FHR 90, Contractions 4/10 with a duration of 50 seconds, Pulse 110.

- Fetal head is 3/5 palpable (De Lee plane -2).
- Cervix is 6 cm dilated.
- Amniotic fluid is stained with meconium.
- Sutures lines of fetal skull are overlapping and not reducible.
- Urinary output: 100 ml: negative for protein, acetone is 1+.

Step 4

Note the following information on the partograph:

- A caesarian section was performed at 5:30 p.m. A 4,850 gram female was born with difficulty breathing.