

Answers to Case Presentation

1. Archana delivered a baby girl on October 17 at 8:30 and 45 seconds in the morning. Archana had completed 9 months and 7 days gestation.

The baby had a good cry and was breathing vigorously.

The baby weighed 2 kg 800 grams. The baby's limbs were not limp.

The ASHA put her to Archana's breast a few minutes after the delivery and she suckled well.

On the 16th day the ASHA was summoned to the house.

The mother said the baby was cold. The ASHA took her temperature and it was 93.5° F (34.2° C) .

On exam the baby had chest indrawing. Yesterday, during the 15th day visit the baby weighed 3 kg.

The ASHA diagnoses sepsis.

What do you do next? *Explain condition to mother and/or father including risks of treating at home. If they will not go to hospital, have them sign Informed Consent Form.*

Fill that form in now: *Date of diagnosis is 1 November (15 days after delivery date)*

After the consent is signed, you examine the baby and treat the baby.

- The baby suckles less.
- Her cry is weak.
- Mother said baby is cold and temperature is 93.5° F (34.2° C).
- Her abdomen is soft and she is not vomiting.
- The baby has no in-drawing of chest.
- She has no pus in her umbilicus.

How much medicine do you give?

Gentamicin 15 mg once a day; cotrimoxazole ¼ teaspoon twice a day for 7 days.

Fill in the sepsis treatment form : Put a (✓) or (X) in the column of the day

Fill the first column of the first day visit

Suckling is less	✓
Cry weak	✓
Temperature : 93.5° F (34.2° C), Mother said baby was cold	✓
Abdomen : Not distended } No vomiting }	X
Chest : No chest in-drawing	X
No Pus in umbilicus	X

Before you leave you explain how the parents should care for the baby at home. You will be checking these things when you come back (properly covered, breastfeeding every two hours, etc.) on the Sepsis Treatment Form.

You note the last question on when to refer the baby. These need to be ticked only if the baby has one of these and is referred.

You visit twice a day, every day, for 7 days. On the 5th day in the evening, you give the medicine and find:

- the baby's suckling good
- crying good
- temperature 98.0° F (36.7° C)
- abdomen not distended & not vomiting
- no chest indrawing
- no pus in the umbilicus
- gentamicin was given in the left leg, the previous injection site (right leg) is fine

The baby is well covered, wearing a hat and clothes. She is held close to the mother who has been breastfeeding every 2 hours. The mother's nails are short and she says she washes her hands before touching the baby. The baby isn't getting medicine for any other problem, and is showing improvement. She has no signs requiring referral.

Fill in the Sepsis Treatment Form. Fill the column of 5th day evening visit

Suckling less or stopped - No	X
Cry is weak or stopped - No	X
Temperature : 98.0° F (36.7° C)	X
Abdomen : not distended, no vomiting	X
Chest : no chest in-drawing	X
No pus in umbilicus	X

Gentamicin not given (the daily dose was given in the morning)

Cotra – ¼ teaspoon given

Location of previous injection site (right leg) is fine

Baby is properly covered	Yes
Wearing hat and frock	Yes
Given bath - No	No
Kept near mother - Yes	Yes
Breastfeeding every 2 hours	Yes
Mother's nails cut and hands washed with soap	Yes
Medicine for any other problem – none needed	NA