

## Answers to Case Studies

1. Leela delivered on November 30<sup>th</sup> at 8:20 a.m. At the time of delivery she had completed 8 months 5 days gestation. The baby's birth weight was 1 kg 950 grams. The baby was fine for the first 6 days.

**Was the baby normal or high risk at birth?** Normal / High risk

**Why ?** Preterm (less than 8 months 14 days) and low birth weight (less than 2 kg)

**How many times would you visit the baby in the first 28 days?** 13

**What home care advice would you tell the mother at the time of delivery?**

1. Keep the baby warm by using the warm bag and place close to mother and/or skin to skin contact method.
2. Breastfeed every 2 hours.
3. Do not give a bath.
4. Wash hands often before touching baby.
5. Call the ASHA immediately if any danger sign is observed.

On the 7<sup>th</sup> day, when the ASHA visited she found the baby had stopped suckling and had a distended abdomen. She was breathing well but her cry was weak.

**What signs are present in the baby ?** Stopped suckling, distended abdomen, cry weak

**What is the diagnosis of baby's problem ?** Sepsis

2. Rampyari's baby was born a week after the expected date and weighed 2.900 kg.

He was strong and healthy. The ASHA helped Rampyari start breastfeeding and performed the examination after one hour.

On the 10<sup>th</sup> day the mother said the baby was cold. The temperature was 93° F (33.9° C).

He was sleeping a lot but still feeding and crying.

His abdomen was soft and his limbs flexed.

His umbilical had healed well and he was breathing well with no chest in-drawing.

**How was baby's temperature on the 10<sup>th</sup> day ?** Normal / Less than normal

**Does the baby have sepsis ?** Yes / No

**What signs are present in the baby ?** Mother says baby is cold to touch and on measuring temperature is 93° F (33.9° C)

**What measures can you take to rewarm a baby ?**

- *Increase room temperature.*
- *Remove any wet or cold blankets and clothes.*
- *Hold the baby with his skin next to his mother's skin (skin-to-skin contact method).*
- *Place a warmed cloth (not too warm so as to avoid burns) on his back or chest. As it cools down, replace it with another one until the baby is warmer. Continue until the baby's temperature reaches the normal range.*
- *Put on clothes, put in warm bag, with hat, and keep the baby close to the mother.*

3. Tarabai was pregnant with her fourth baby.

The baby delivered at 7 months 27 days gestation and weighed 1.650 kg.

The baby could not suckle up to the 14<sup>th</sup> day.

On the 15<sup>th</sup> day, the baby could suckle from the breast.

**How do you describe this baby at birth?** Normal / High risk

**Why?** Preterm, birth weight less than 2,000 gms., unable to suckle

**How many times would you visit in the first month?** 10 / 13 / 5

**What advice would you give the parents on the first day?**

1. *Keep the baby warm by using the warm bag and place close to mother and/or skin to skin contact method.*
2. *Express breastmilk and feed to baby with paladay (special spoon) every 2 hours until baby can suckle from the breast (try to put him to the breast every day).*
3. *Do not give a bath.*
4. *Wash hands often before touching baby.*
5. *Call the ASHA immediately if any danger sign is observed.*

On 17<sup>th</sup> day the baby vomited twice but continued to feed. She was not cold and had a good cry.

On 28<sup>th</sup> day the baby weighed 2.250 kg.

**Depending on weight of the baby on 28<sup>th</sup> day how is the baby in the second month?**

Normal / High risk

On the 45<sup>th</sup> day the baby's all limbs were limp and the mother said the baby was cold. You take the temperature and it is 94° F (34.4° C).

**What signs are present in the baby ?** All limbs limp, mother said baby was cold and temperature of baby 94° F (34.4° C).

**What is your diagnosis ?** Sepsis

**On what day did the baby develop this?** 45<sup>th</sup> day