

Kangaroo Mother Care helps extremely low birth weight twins in a Level 2 set up...

Dr Dayaram

Pediatrician, TF Hospital, Kapadvanj

Here is a real story of Extremely low birth weight twin babies of a woman from lower socioeconomic class who survived with Kangaroo Mother Care.

Manjulaben is 25 years old woman from village Salod of Kapadvanj Taluka (District Kheda in Central Gujarat). She was expected to deliver on 22nd May 2017. The pregnancy was uneventful and she had undergone four routine antenatal check-up. She had no significant medical or surgical illness in past. Her previous 2 pregnancies and deliveries were also uneventful.

After about 7 months of apparently normal pregnancy, Manjulaben delivered twin male babies on 3rd March, 2017 (about two & a half months before the EDD) in private nursing home at Baayad (about 35 Km from Kapadvanj town). The respective birth weights were Twin 1 – 850 gm and Twin 2 – 760 gm. The mode of delivery was normal vaginal and the gestational age on assessment was about 28 weeks. Both the babies cried soon after birth and were shifted to a private hospital for special care. They were given Oxygen and antibiotic cover for two days & then they were tertiary care for advanced treatment. Her husband was forced to sell his animals and was also looking to sell his land to meet the medical costs. This was brought to notice of TF's village health worker, a paramedic who is associated with Amul's village-level dairy co-operative and who steers TF's holistic community health intervention in each village. Subsequently Manjulaben's case was brought to TF hospital at Kapadvanj* for further care on 6th March 2017 (3 days after birth).

On arrival at TF hospital at Kapadvanj, the babies were tachypenic, lethargic & showed absence of Moro's reflex, sucking and activity. Their SpO₂ was maintained with minimal oxygen support. We started Intravenous fluids, antibiotics and Inj. Aminophylline. Nasogastric tube feeding was started three days after admission when babies were vitally stable. On 14th Day of Life (17/03/2017) Nasogastric tube feeding of 10 ml 2 hourly was established. Antibiotics were stopped in 14 days. We started training mother in KMC, the basic nursing care

and hand washing. KMC was started after two weeks on 17th March. Both the babies were given to mother for 1 hour each for KMC twice daily. She was also involved in changing diapers, daily morning sponging, applying oil on the body, Nasogastric tube feeding & burping regularly. Regular weight gain started in Twin – 1 after 10 days and in Twin – 2 after 18 days. On 24th March both babies were given Blood Transfusion due to anemia. Multivitamin drops, calcium/D3 & iron were also given.

The duration of KMC was gradually increased. On 54th Day of Life Twin – 1 had weight of 1.5 kg (BW 850 gm) and Twin – 2 has weight 1.4 kg (BW 760 gm), almost double the respective birth weights. Breast feeding had also increased. Mother could take care of her babies with the help of family members. Babies were hemodynamically stable & warm. They were tolerating feeds and showed good activity. Mother was trained in all the basic aspects of baby care including hand washing and hygiene and she had started enjoying motherhood...

Child 1 (Harshraj) Current weight 10.800 Kg

Child 2 (Sidhraj) Current weight 10.200 Kg

Latest photo of mother and children



