

CASE REPORT SUMMARY*

An extremely low birth weight baby born at 25.4 weeks of gestational age with a birth weight of 620grams was admitted to NICU. The baby had experienced abdominal distention on day 12th of life. Day 1-20 Mother's milk was insufficient and was supplemented with donor human milk (Neo-lacta PHBM 70).

The fortification was started on day 20 with MMF plus 0.5 grams and the average weight gain being 20.83g/day, MMF plus 1g was started on day 32 with the feed volume of 240ml/kg/day with the average weight gain of 20.68g/day. The baby was diagnosed with mild bronchopulmonary dysplasia (BPD) since the baby was on human milk and human milk-derived fortifier BPD didn't progress.

Baseline Parameters and Outcomes



Gestational age
25.4 weeks



Weight @ start of fortification
700 grams



Fortification started at
150ml/kg/day



Birth weight
620 grams



Duration of Fortification
58 days



Weight @ the end of fortification
1900 grams



Mean Weight Gain/Day
20.68g/day



Antibiotic use during fortification
6 days



Infection/Sepsis during fortification
0 (none)



Feed Intolerance episode during fortification
0 (none)

Remarks: Early fortification with human milk derived fortifier (Neo Lact MMF+) can be considered in ELBW babies without increasing the risk of feed intolerance

*Important: This is the experience shared by the individual doctor for the purposes of medical education and scientific update. This is not intended to be used for marketing purpose.