

MMF+ Case Series: M+(01)

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CASE REPORT SUMMARY*

Baby born at 27 weeks of gestational age with a birth weight of 550grams was admitted in NICU with respiratory failure at birth. Baby had experienced severe feed intolerance due to abdominal distention due to NEC and BPD on day 10th of life.

Fortification with Mother's milk fortifier (MMF +) 1g on 25th day of life at a feeding volume of 132ml/kg/day and the birth weight being 780 grams at the time of fortification. The weight was 1360 grams and mean weight gain was 1078 ± 5 /day, mean length gain was 35 ± 16 /week, mean head circumference was 26 ± 5 /week and mean weight gain velocity was 21 ± 2 g/kg/day, after fortification growth appeared better, and recovery was seen in NEC, sepsis, BPD.

Baseline Parameters and Outcomes



Gestational age
27 weeks



Weight @ start of fortification
780 grams



Fortification started at
132ml/kg/day



Birth weight
550 grams



Duration of Fortification
39 days



Weight @ the end of fortification
1360 grams



Mean Weight Gain/Day
14.9g/day



Antibiotic use during fortification
5 days



Infection/Sepsis during fortification
0 (none)



Feed Intolerance episode during fortification
0 (none)

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