

Experience Sharing Series: Human Milk Derived - NeoLact 70 Sachet

Case no. 1 - Oct-2020

Supplementation with human milk derived - NeoLact 70 bolsters immuno-nutritional needs in an ELBW baby



Dr. Sunil Gavhane
Consultant Neonatologist
Aurangabad

A baby boy, born prematurely at 30 weeks gestation weighing 980 g was admitted in NICU. Trophic feeds were started with mother's own milk (MOM) and feed volume was slowly increased along with IV nutrition, at day 6 due to the limited availability of MOM and poor weight gain of the baby, NeoLact 70 was started as a nutritional supplement alongside with MOM with a frequency of 3 sachets/day. Supplementation was continued for 20 days in NICU, baby had a good overall growth with average weight gain of 16 grams/day. There was reduction in the requirement for antibiotics as there were no episodes of infections/sepsis during the period of supplementation. Feeds were well tolerated by the baby.

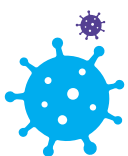
Baseline parameters and outcomes



Weight @ Baseline
980 grams



Weight @ end of supplementation
1300 grams



Infections/Sepsis during NeoLact 70 supplementation
0 (None)



NeoLact 70 started as nutritional supplementation



Mean weight gain per day
16 grams



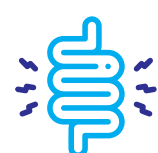
Feed intolerance episodes during supplementation with NeoLact 70
0 (None)



Duration of NeoLact 70 supplementation
20 days



Antibiotic use during supplementation
Reduced



Antibiotic Associated Diarrhea
Reduced

Remarks: Supplementation with human milk derived NeoLact-70 can provide the immuno - nutritional benefits to the preterm infants within and beyond NICU