When added to breast milk, Prolact+ HMF creates a “human milk protein shake” to nourish preemies.

An Exclusive Human Milk Diet (EHMD) When 100% of the protein, fat and carbohydrates are derived solely from human milk. For preemies, an EHMD can increase survival* and decrease costly complications associated with the intake of cow milk-based products.  

When used as part of an EHMD, Prolact+ HMF is clinically proven to improve health outcomes** and reduce hospital costs† for critically ill, extremely premature infants in the NICU weighing between 500 and 1250 g at birth, as compared to cow milk-based fortifier or preterm formula.

For babies weighing less than 1500 g, the American Academy of Pediatrics recommends fortifying mother’s breast milk or pasteurized donor human milk, with protein, minerals and vitamins to ensure optimal nutrient intake.1

Did You Know That Most and cow milk-based formula; and formula between March 2009 and March 2014.  

34 weeks and birth weights between 490-1,700g in the Level III NICU. The study compared the clinical and financial outcomes of critically ill, extremely premature infants in the NICU weighing between 500 and 1250 g at birth, as compared to cow milk-based fortifier or preterm formula.

7 A study of 207 infants weighing 500-1,250g compared the benefits of an exclusive human milk diet with a diet of both human milk-based and cow milk-based products.

6 A study of extremely premature infants weighing less than 1,250g who received a diet that ranged from 100% cow milk to 100% human milk.

5 A multicenter randomized trial of exclusive human milk diet versus cow milk-based preterm formula in critically ill, extremely premature infants less than 28 weeks gestational age in 257 hospitals nationwide, comparing the impact of an exclusive human milk diet with a diet made from cow milk products fortified with a human milk fortifier.  

4 A study of 100% human milk diet versus cow milk-based products in critically ill, extremely premature infants weighing less than 1,250g who received a diet that ranged from 100% cow milk to 100% human milk.

3 Bottles ≈ 1 Bottle DONOR MILK  

Prolact+ HMF  

It takes approximately eight bottles of donor breast milk to make one bottle of Prolact+ HMF Human Milk Fortifier. When added to mom’s or donor breast milk in the NICU, Prolact+ HMF makes an exclusive human milk diet possible.

8 Bottles ≈ 1 Bottle DONOR MILK Prolact+ HMF  

Necrotizing Enterocolitis (NEC) is the most common and serious intestinal disease among preemies, and is one of the leading causes of mortality among prematurity infants. A study2 of premature infants weighing less than 1250 g found

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1 In an infant’s diet.

* See bottle label for added minerals

† Based on a literature review of 12 studies.

‡ Based on a meta-analysis of 16 studies.

§ Based on a literature review of 21 studies.

** NEC 11.8% increase in cow milk-based protein

*** Sepsis 17.9% increase in cow milk-based protein

**** Risk of NEC: 20.6% increase in cow milk-based protein

***** Risk of Sepsis: 17.9% increase in cow milk-based protein


