

The GOLF III trial: recently published in AJCN

HiPP COMBIOTIC®

shows positive effects on
gut microbiota profiles

New
Data

Modelled on human milk

Human milk is the gold standard in infant nutrition. With its probiotic and prebiotic components, it has a significant influence on the composition of an infant's gut microbiota and ensures a beneficial intestinal environment.

Which parameters contribute to a good intestinal environment?

- **Short-chain fatty acids** lower the intraluminal pH
- **A low pH** reduces the survival of pathogenic bacteria
- **Lactobacilli and bifidobacteria** ensure a balanced intestinal microbiota
- **High water content** in infant stool is associated with softer stool consistency

The new GOLF* III trial shows:

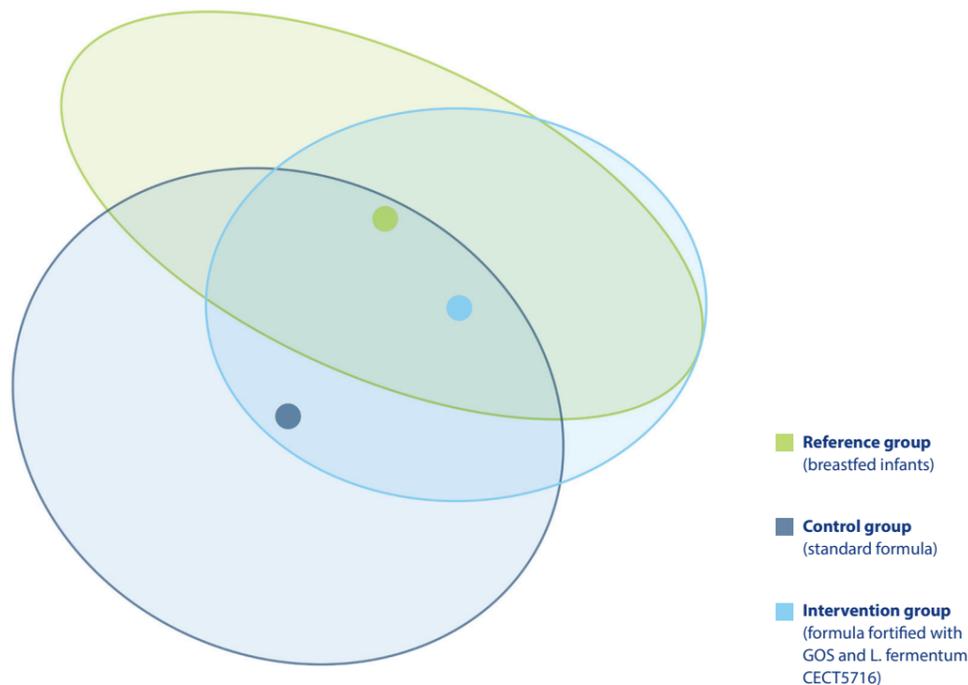
A synbiotic infant formula fortified with GOS and Limosilactobacillus fermentum CECT5716 leads to similar intestinal parameters as in breastfed infants.

*GOLF = GOS + L. fermentum

Scanning the QR code will take you directly to the original study

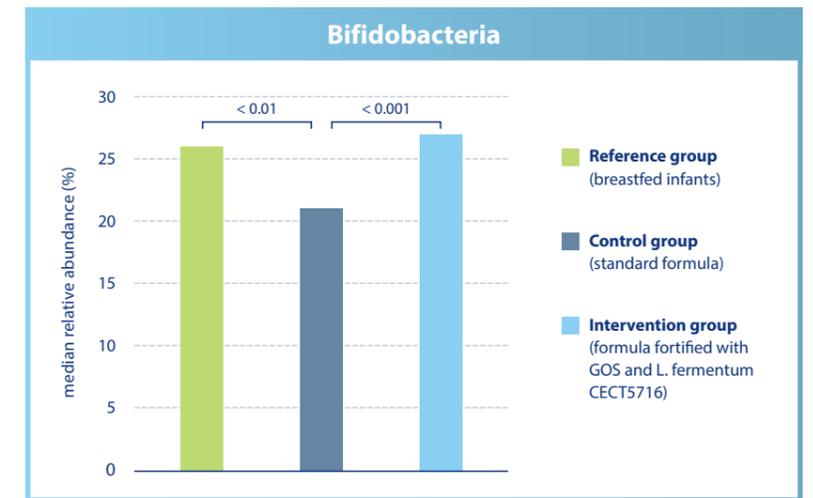


The gut microbiota of infants in the intervention group is more similar to that of breastfed infants.** (schematic illustration)

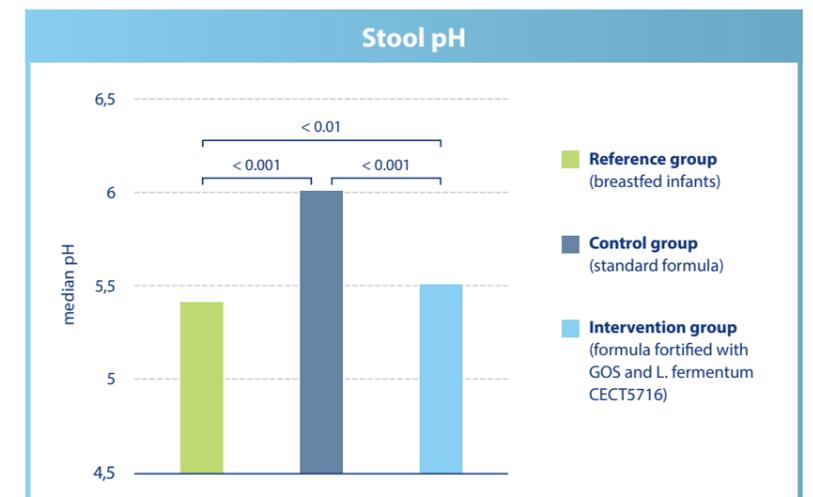


** as relates to 4-month-old children with a high bifidobacteria population

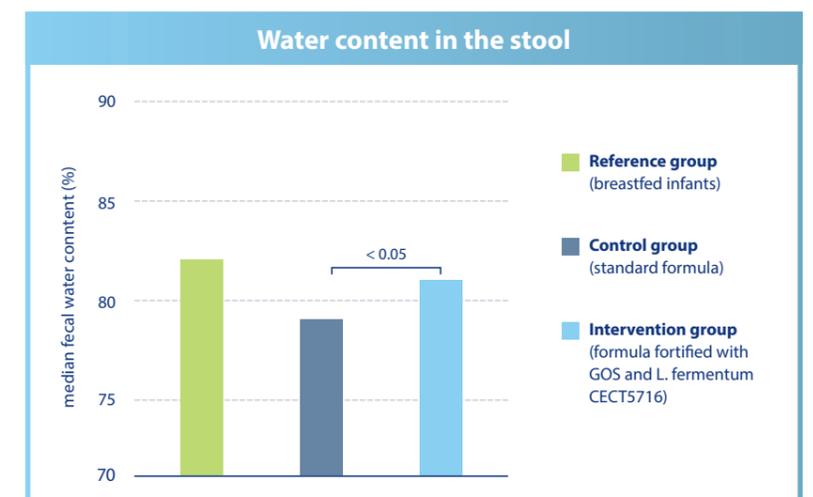
The abundance of bifidobacteria in infants of the intervention group does not differ significantly from breastfed infants.



The stool pH in infants of the intervention group is significantly lower than in infants of the control group. It is similar to the stool pH in breastfed infants.



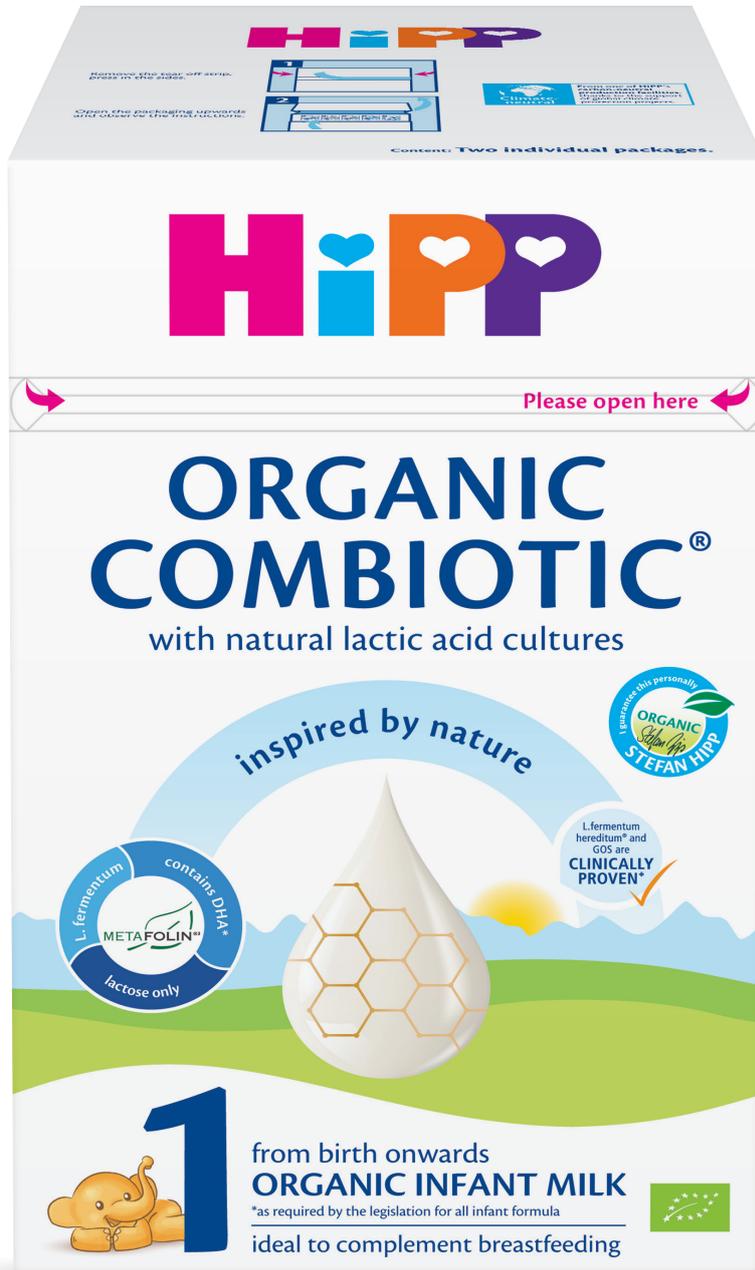
The water content in the stool is significantly higher in infants of the intervention group and comparable to breastfed infants.



Conclusion:
A synbiotic infant formula with L. fermentum CECT5716 and GOS supports a gut microbiota and intestinal environment more similar to breastfed infants.

HiPP COMBIOTIC®

Science and nature hand in hand



UNIQUE

A unique combination of pro- and prebiotics that is inspired by nature



ORGANIC

We are fully committed to organic farming.

Source: Lagkouvardos I et al. Early life gut microbiota profiles linked to synbiotic formula effects: a randomized clinical trial in European infants. *Am J Clin Nutr* 2023; 117 (2): 326–339.

Important information:

Breastfeeding is best for babies. Infant formula should only be given upon the advice of paediatricians, midwives or other independent experts.