

TOUCH TO START



SYNEO™
(Probiotics + Prebiotics)
乳黃金熠生鏈
(益生菌 + 益生元)

5 HMOs*
5種母乳低聚糖*

European Patented NUTURIST™
歐洲專利
至熠3D乳黃金球

OUR CLOSEST TO
ORIGINAL NUTRITION
旗下最接近原生營養

3

For 1-3 years
Growing Up Formula

1-3歲適用
幼兒助長奶粉

Net Wt. 淨重 700g 克 e

APTAMIL ESSENSIS NEO

第一次 如此接近

FIRST TIME SO CLOSE

1ST GLOBAL LAUNCH
OF APTAMIL ESSENSIS
NEO VIA PATENTED
NUTURIS® PROCESS

Nuturis® is a unique patented process, which produces large lipid droplets, coated with a phospholipid membrane, that mimic breastmilk lipid globules in structure, size and composition¹

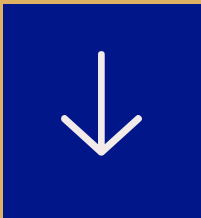


Clinically shown benefits
closer to breastfed infants

- Growth trajectory²
- Cognitive function³

Ingredients inspired by
human milk

5 HMOs + scGOS:lcfOS 9:1
Bifidobacterium breve M-16V



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1ST GLOBAL LAUNCH OF APTAMIL ESSENSIS NEO VIA PATENTED

IMPORTANT NOTICE: Breastfeeding is best for babies and a healthy diet/maternal nutrition is important when breastfeeding. A decision not to breastfeed can be difficult to reverse. Infant formula is suitable from birth when babies are not breastfed. Follow-on formula is only for babies over 6 months, as a liquid part of a diversified diet and should not be used as a breastmilk substitute before 6 months. We advise that the use of formula milks and the decision to start weaning should be made only on the advice of independent persons having qualifications in medicine, nutrition or pharmacy, or other professionals responsible for maternal and child care, based on the individual infant's specific growth and development needs. Young Child Formula is for young children from the 1-3 years, as part of a varied, balanced diet.

1. Gallier S, et al. Colloids Surf B Biointerfaces. 2015;136:329-339.
2. Abrahamse-Berkeveld M, et al. Am J Clin Nutr. 2024;119(1):87-99.
3. Schipper L, et al. Frontiers in nutrition. 2023;10:1215199.

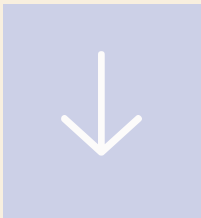


Clinically shown benefits closer to breastfed infants

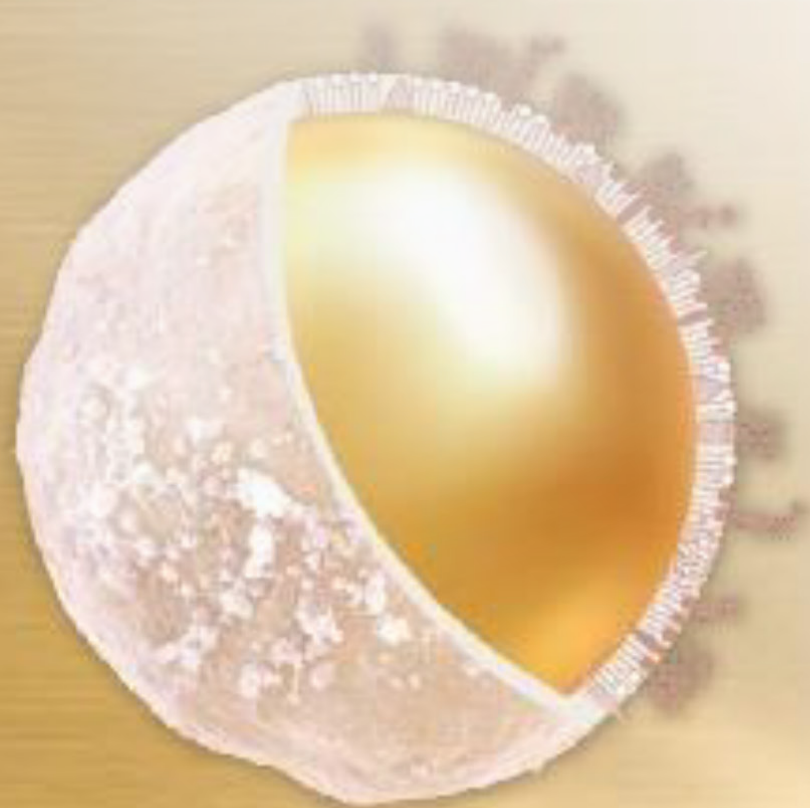
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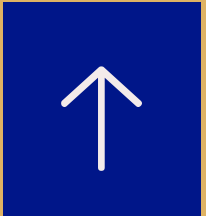
1ST GLOBAL LAUNCH
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SYNEO
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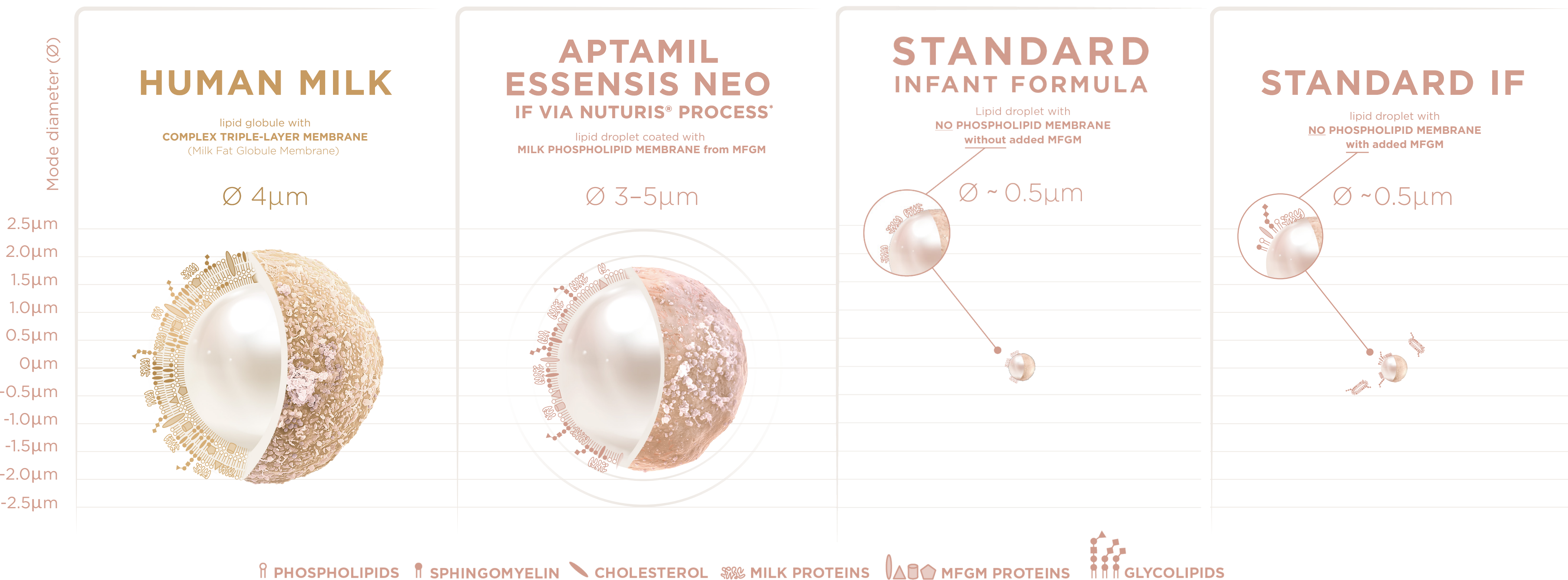


5HMOs
2'-FL,
LNT,
3-FL,
6'-SL,
3'-SL



APTAMIL ESSENSIS NEO INFANT FORMULA (IF) VIA NUTURIS® PROCESS

MIMICS STRUCTURE, SIZE & COMPOSITION OF BREASTMILK LIPIDS¹



For illustrative purposes only. Schematic representation of lipid droplets in human milk and infant formulas. Lipid droplets in human milk have 4 µm mode diameter [based on volume (%)] and are coated with complex triple-layer membrane. Lipid droplets of infant formula via Nuturis® process have 3-5 µm mode diameter [based on volume (%)] and are coated with milk phospholipid membrane. Lipid droplets in standard infant formulas have ~0.5 µm mode diameter [based on volume (%)] and are without milk phospholipid membrane. NUTURIS Infant Formula has been developed with Nuturis process.

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MIMICS STRUCTURE, SIZE & COMPOSITION OF BREASTMILK LIPIDS¹



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* Refers to the lipid droplets in Aptamil Essensis Neo.

MERCURIUS CLINICAL STUDY OUTCOMES

INFANT FORMULA (IF) VIA NUTURIS® PROCESS SUPPORTS POSITIVE DEVELOPMENTAL OUTCOMES EARLY IN LIFE TRACKING INTO CHILDHOOD¹⁻³

» A **randomized, controlled, double-blind trial** to investigate the effects of a new infant formula on **growth, tolerance and safety in healthy term infants**

» Investigating the potential **long-term impact of lipid droplet characteristics** in infant formula on **growth and metabolic development**



SHORT TERM OUTCOMES WITH IF VIA NUTURIS® PROCESS:

- » BMI trajectory close to breastfed infants
- » Significantly lower BMI at 1 year
- » Adequate growth until 4 months of age
- » Safe and well-tolerated
- » Stool characteristics close to breastfed infants

LONG TERM OUTCOMES WITH IF VIA NUTURIS® PROCESS:

- » BMI trajectory up to 5 years close to breastfed infants
- » Cognitive development close to breastfed infants



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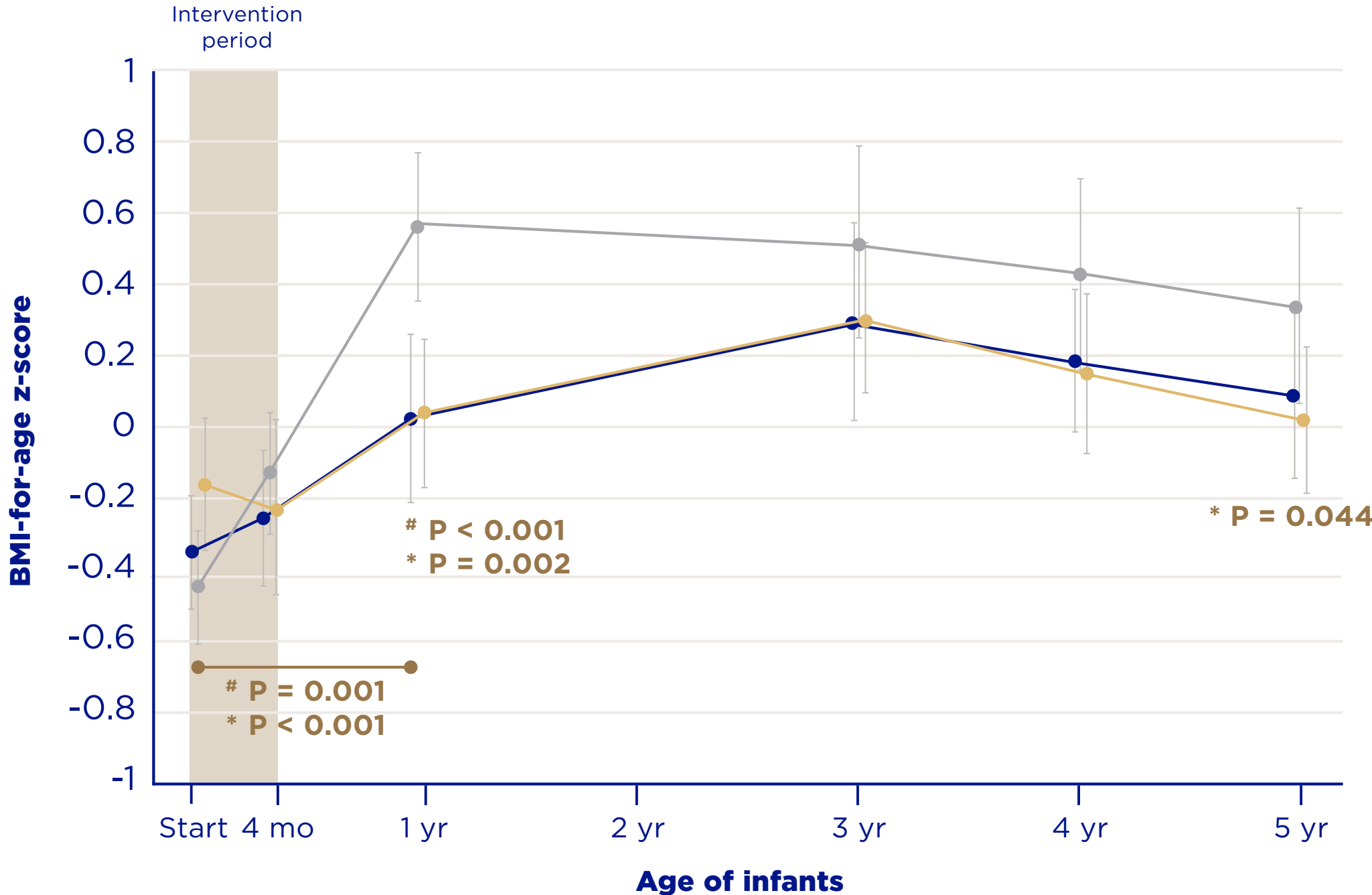


1. Breij LM et al. Am J Clin Nutr. 2019;109(3):586-596.
2. Abrahamse-Berkeveld M et al. Am J Clin Nutr. 2024;119(1):87-99.
3. Schipper L et al. Front Nutr. 2023;10:1215199.





INFANT FORMULA (IF) VIA NUTURIS® PROCESS SUPPORTS A BREASTFED-LIKE GROWTH TRAJECTORY UP TO 5 YEARS OF AGE



- IF via Nuturis® Process†
- Control IF†
- Breastfed Reference

* Breastfed vs Control
IF via Nuturis® process vs Control

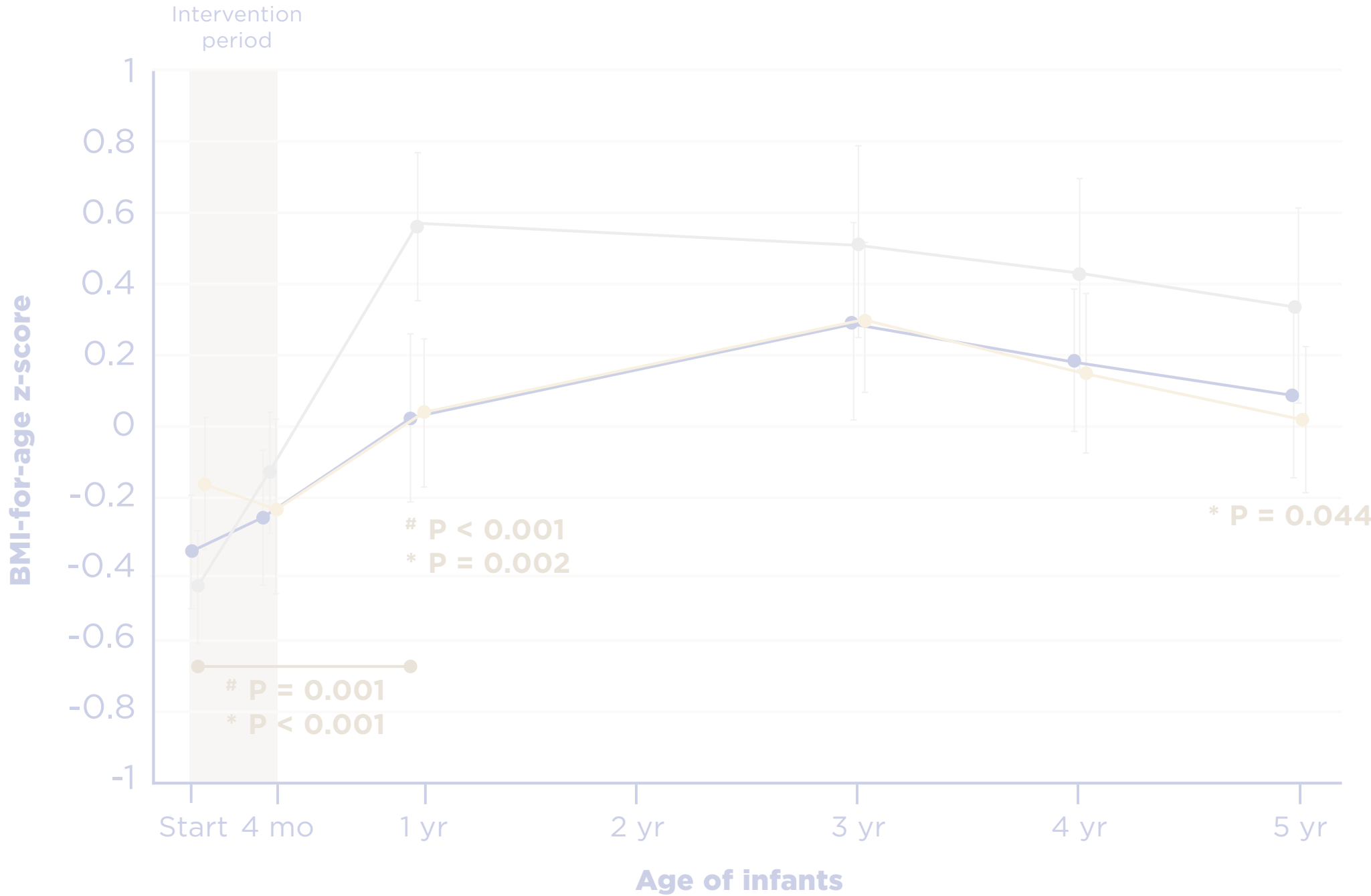
- » Intervention with IF via Nuturis® process up to 4 months supports a breastfed-like growth trajectory lasting into childhood¹
- » BMI for age-z score of the IF via Nuturis® process group is closer to breastfed infants at 1-5 years of age compared to control¹

ITT population from baseline to 5 years of age.

† Both infant formulas were isocaloric (66 kcal/100 ml) and contained a similar amount of: protein (1.3 g/100 ml), lipids (3.4 g/100 ml), scGOS/lcFOS prebiotic mixture (9:1, 0.8 g/100 ml). The differences between formulas were: Infant formula via Nuturis® process contained large lipid droplets (Ø 3-5µm), vegetable (52%) and dairy lipids (48%) & 3-fold increase of sn-2 palmitic acids & MFGM ingredient, and Control formula contained small lipid droplets with vegetable oils (no dairy lipids).



INFANT FORMULA (IF) VIA NUTURIS® PROCESS SUPPORTS A BREASTFED-LIKE GROWTH TRAJECTORY UP TO 5 YEARS OF AGE



● IF via Nuturis® Process[†]

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IF via Nuturis® process vs Control

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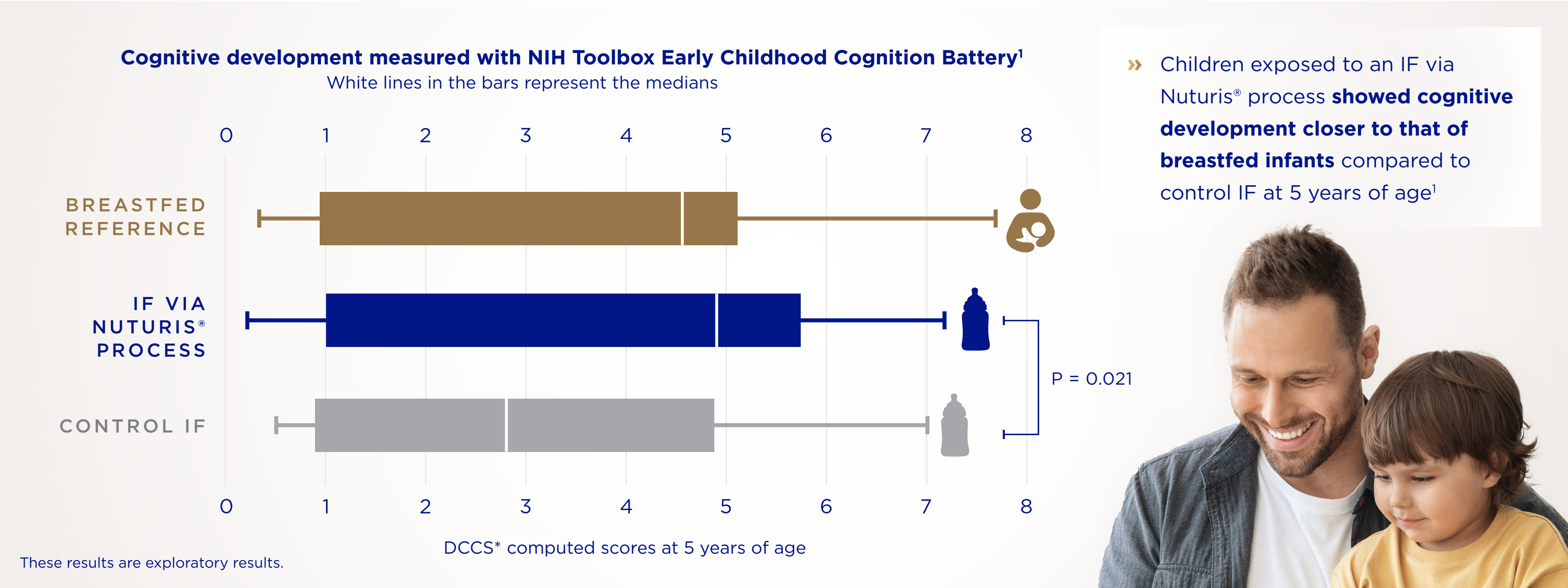
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protein (1.3 g/100 ml), lipids (3.4 g/100 ml), scGOS/lcFOS prebiotic mixture (9:1, 0.8 g/100 ml). The differences were statistically significant (p < 0.05) for protein (3-5µm), vegetable (52%) and dairy lipids (48%) & 3-fold increase of sn-2 palmitic acids & MFGM ingredient,

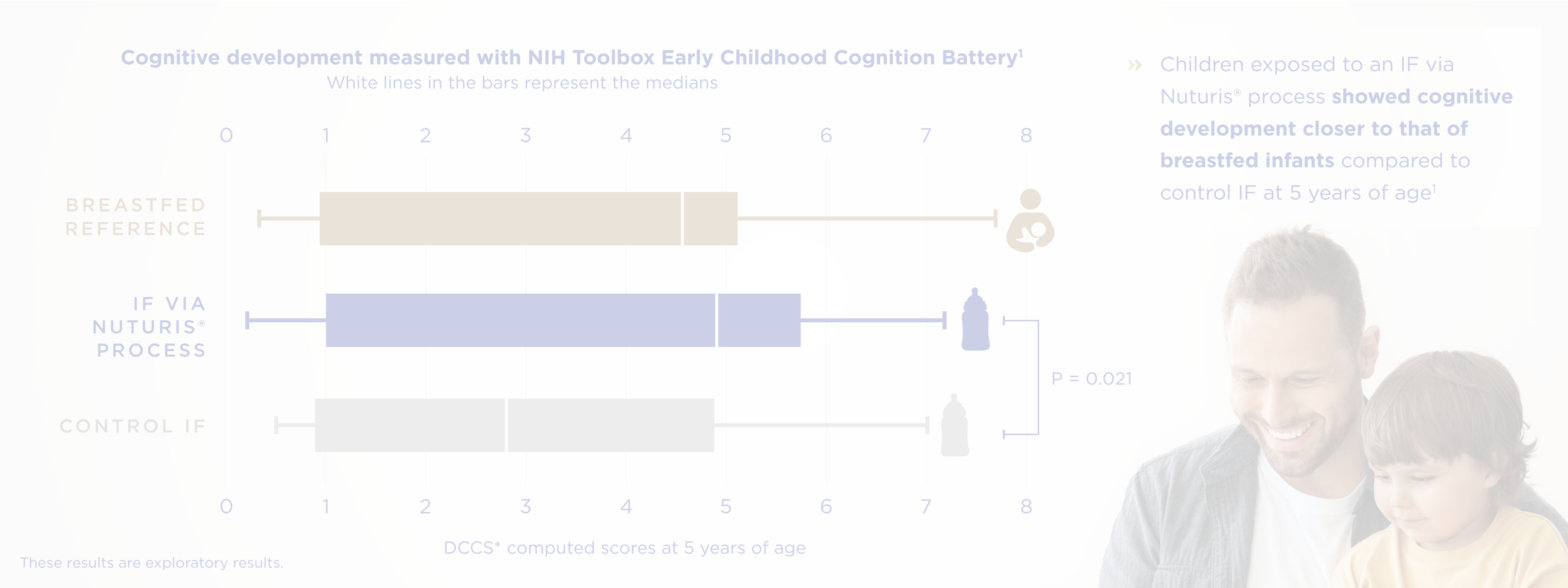
INFANT FORMULA (IF) VIA NUTURIS® PROCESS PROMOTES COGNITIVE DEVELOPMENT CLOSER TO BREASTFED INFANTS



* Dimensional Change Card Sort (DCCS) Test, part of the NIH Toolbox Early Childhood Cognition Battery.



INFANT FORMULA (IF) VIA NUTURIS® PROCESS PROMOTES COGNITIVE DEVELOPMENT CLOSER TO BREASTFED INFANTS



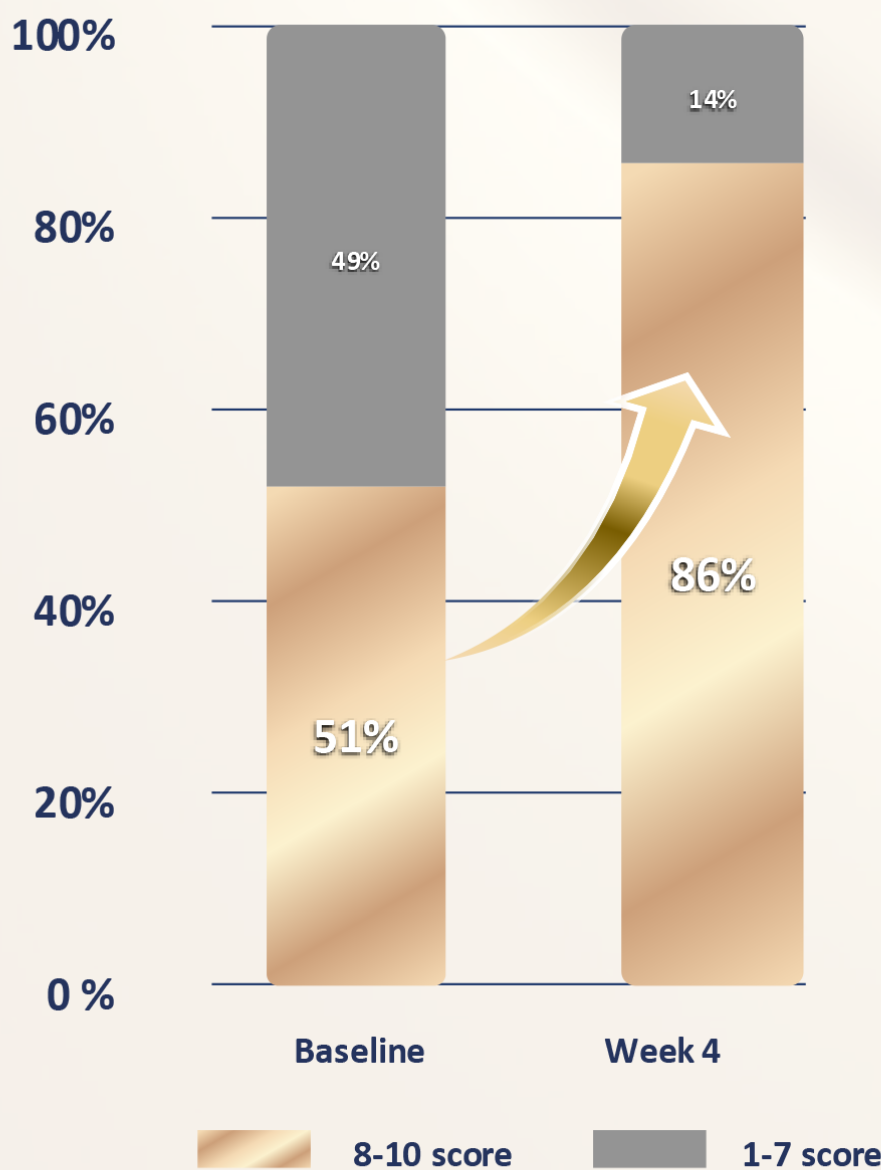
1. Schipper L, et al. Frontiers in nutrition. 2023;10:1215199.



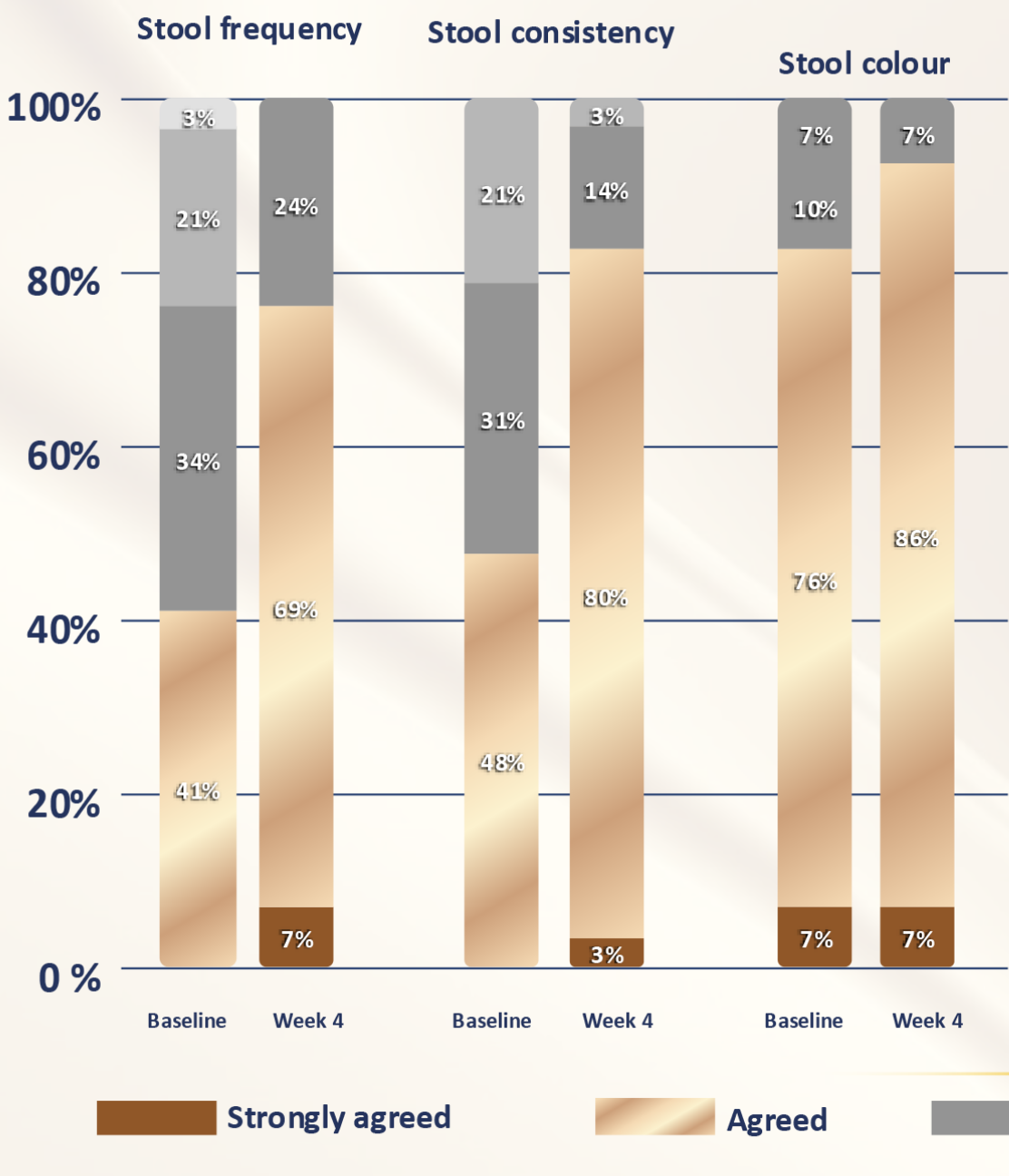
FIRST

HIGH SATISFACTION SCORE OF STOOL CHARACTERISTICS AND
APTAMIL ESSENSIS NEO'S ACCEPTANCE AMONG HCPS AND PARENTS

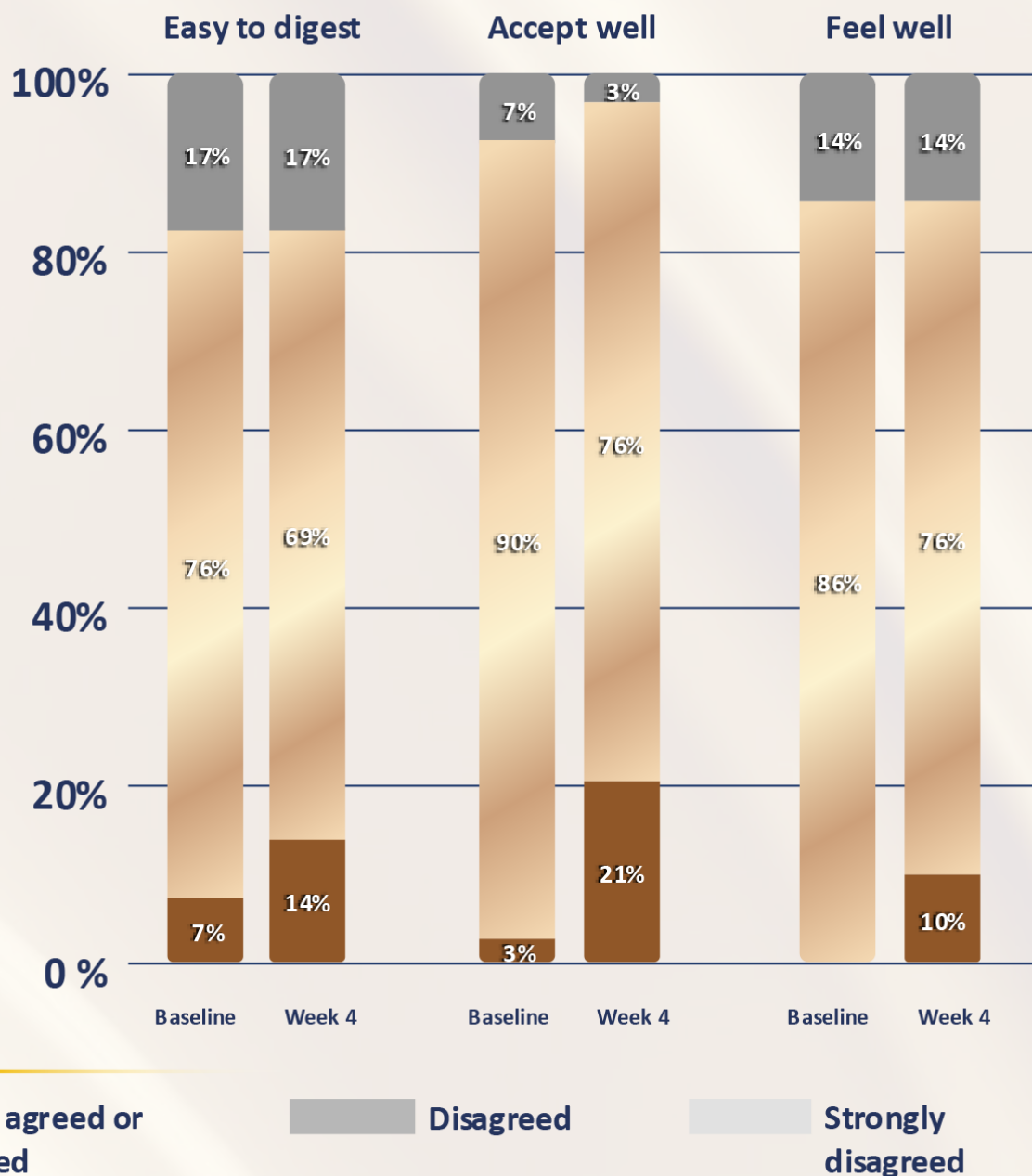
PARENTAL SATISFACTION FROM
HCP INTERVIEWS ON INFANT
HEALTH



PARENTAL SATISFACTION ON
INFANT'S STOOL CHARACTERISTICS



PARENTAL SATISFACTION ON
TOLERANCE OF NUTURIS FORMULA



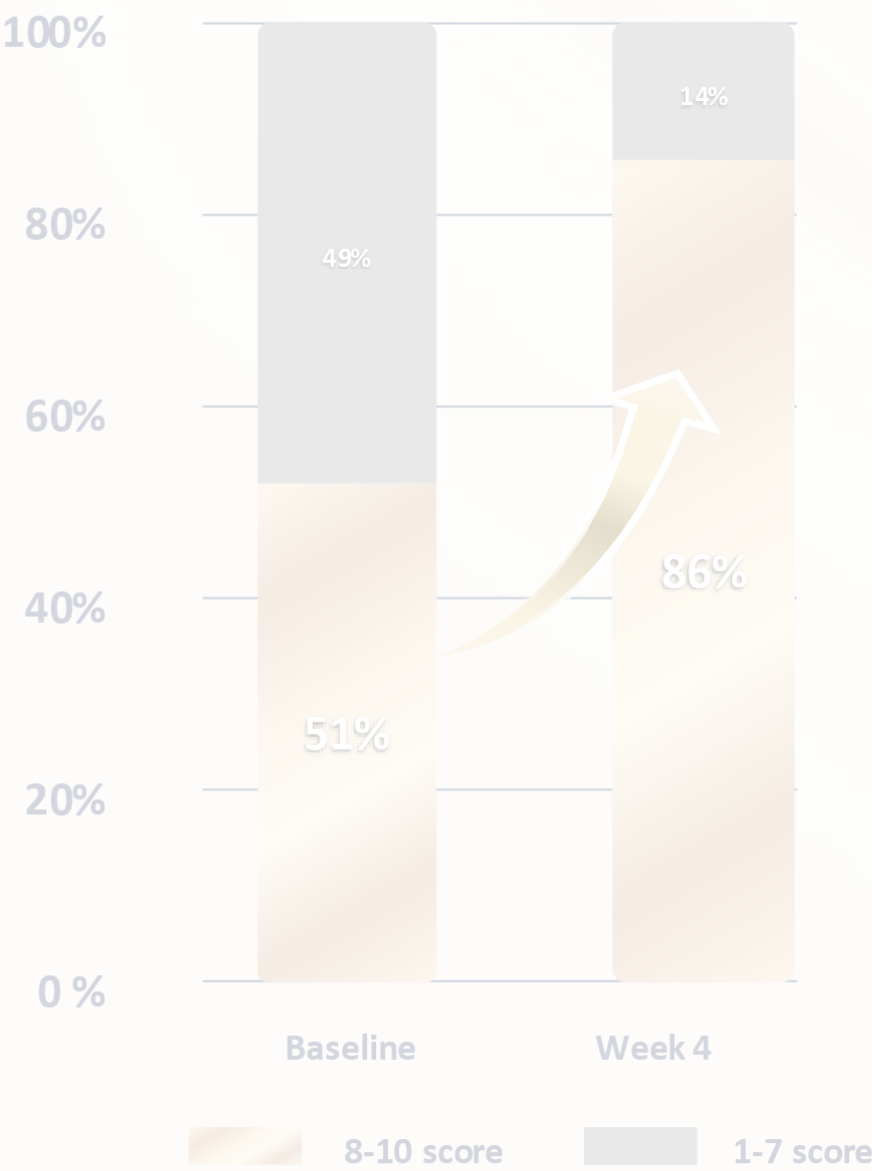
PARENTS/CAREGIVERS WERE INTERVIEWED AT RECRUITMENT (BASELINE) AND AFTER 4 WEEKS OF FEEDING THEIR INFANTS WITH NUTURIS® FORMULA. THEY ASSESSED THEIR CHILD'S OVERALL HEALTH USING A 10-POINT SATISFACTION SCALE, WHERE 10 INDICATED COMPLETE SATISFACTION AND 1 INDICATED COMPLETE DISSATISFACTION.



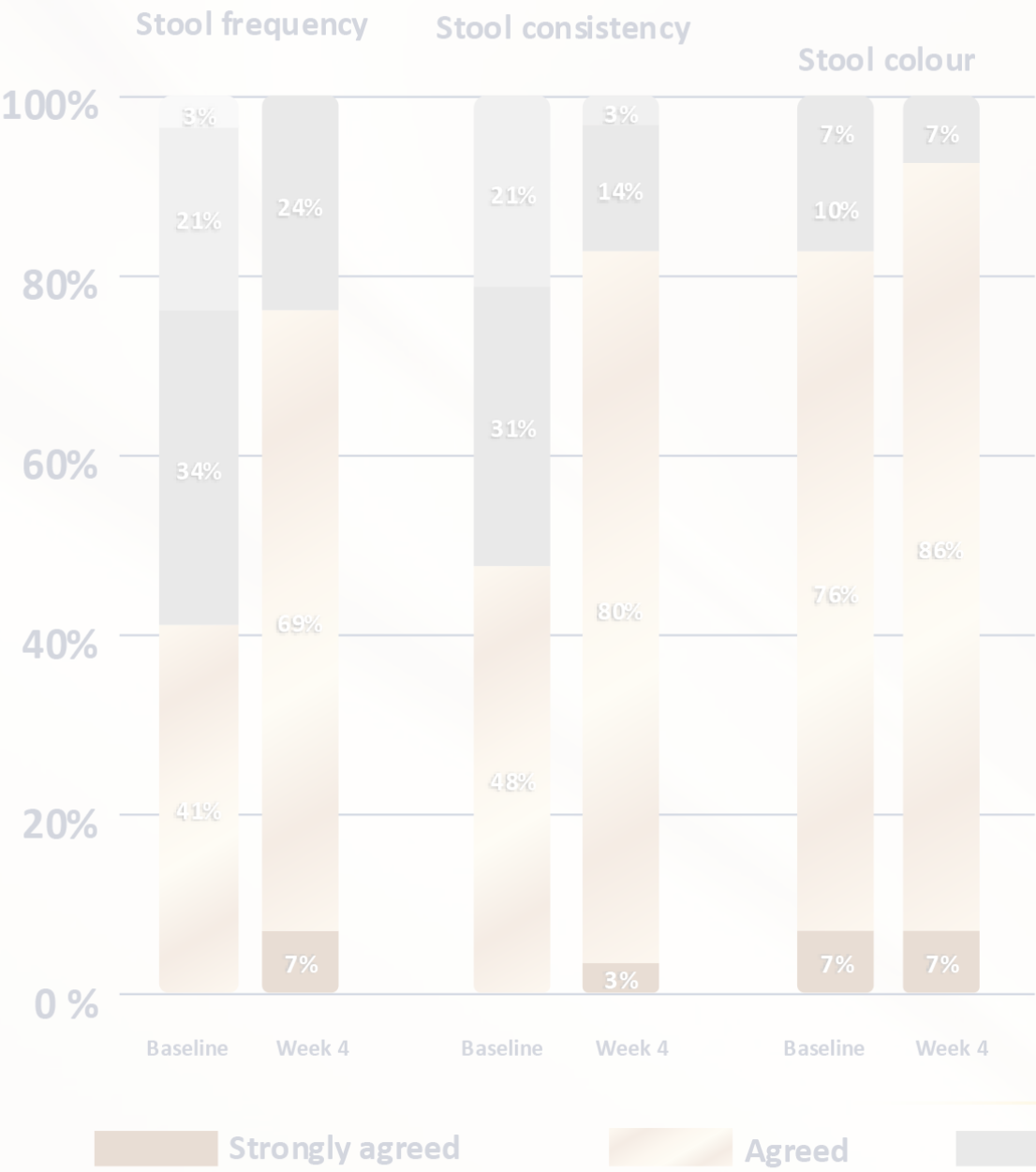
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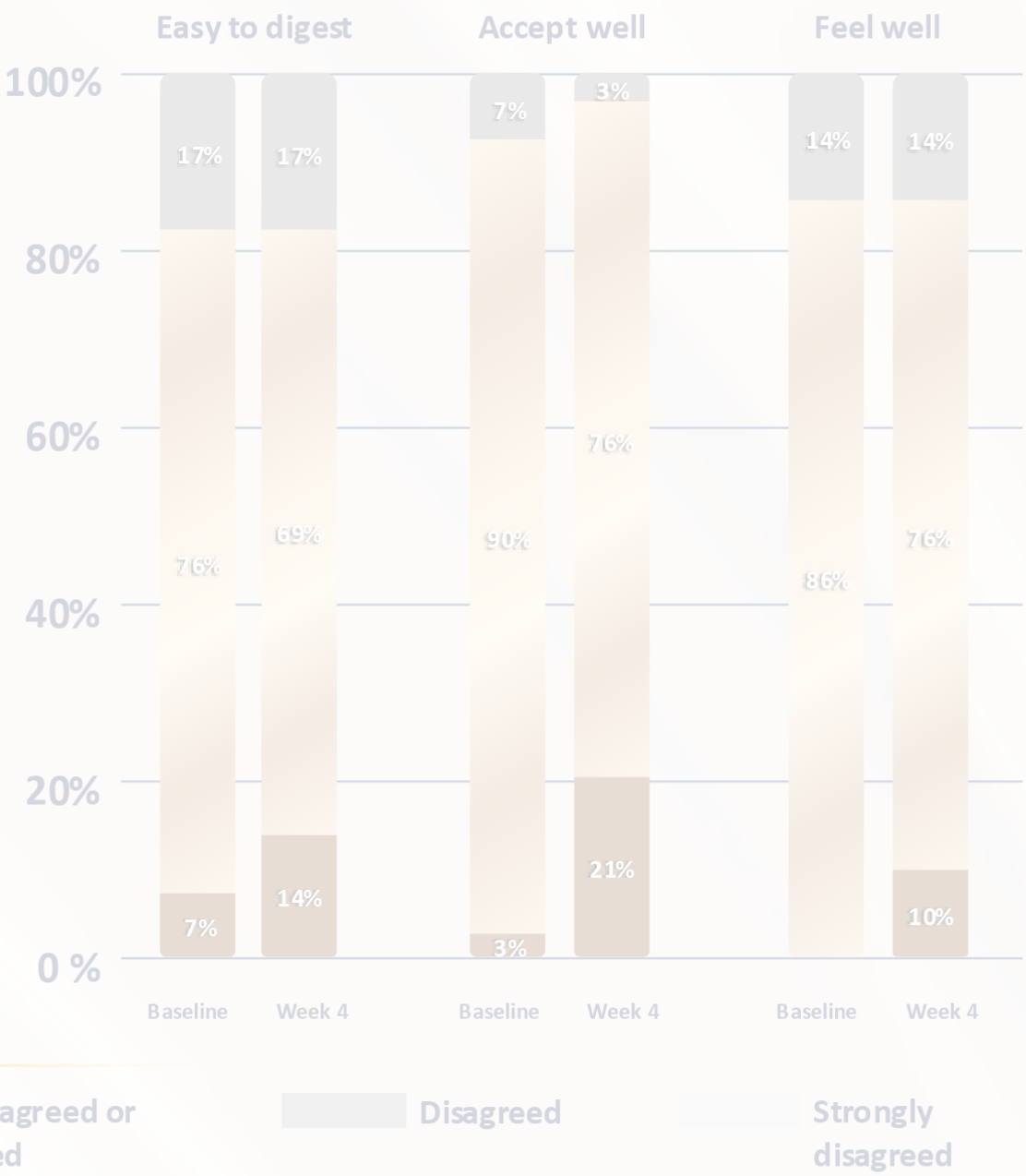
PARENTAL SATISFACTION FROM
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PARENTAL SATISFACTION ON
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* FORMULA.
AND 1 INDICATED COMPLETE DISSATISFACTION.

Bongers et al. ESPGHAN e-poster 2024.

