

NUTRICIA  
**Fortini**  
Compact Multi Fibre

A SUCCESSFUL ONE IS ONE  
THAT CHILDREN CAN FINISH

Fortini Compact MF: help them grow with every DROP!



Clinically tested  
in children with  
faltering growth<sup>1</sup>



1. Hubbard, Gary P., et al. Eur J Pediatr (2020) 1-10.

A SUCCESSFUL ONS IS ONE THAT **CHILDREN CAN FINISH**<sup>1</sup>

Fortini Compact MF: is part of the widest range of flavours, textures & formats in the Fortini Range



Fortini Compact Multi Fibre



Fortini 1.5 Multi Fibre



Fortini 1.5



Fortini 1.0 Multi Fibre



Fortini Smoothie



Fortini Creamy Fruit



1. HCP survey for Fortini Compact MF and compliance with paediatric ONS (Data on file: UK,2016).

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# MALNUTRITION IS A COMMON PROBLEM ACROSS CHILDREN WITH CHRONIC CONDITIONS

Nearly 1 out of 2 pediatric patients  
with chronic diseases are  
**MALNOURISHED<sup>1</sup>**



**HOSPITAL COSTS**  
can be up to **3x higher** <sup>2-4</sup>

Among hospitalized  
children with malnutrition



**LENGTH OF HOSPITAL STAY**  
can be **2,5x longer** <sup>2-4</sup>

1. Diamanti, A., et al. J Clin Nutr (2019) 38.4: 1877-1882. 2. Freijer, K., et al. Clin Nutr ESPEN (2018) 23: 228-233. 3. Carvalho-Salemi, J., et al. J Acad Nutr Diet (2018) 118.1: 40-51: 40-51. 4. Kittisakmontri, K., & Sukhosa, O. Clin Nutr ESPEN 15 (2016) 15: 38-43

# MALNUTRITION SHOULD BE ADDRESSED EARLY, BEFORE LEADING TO WORSE CLINICAL OUTCOMES

## ETIOLOGY & CHRONICITY

### NON-ILLNESS RELATED

Behavioral, socioeconomic  
or environmental

OR

### ILLNESS RELATED

ACUTE (< 3 months) e.g.:  
infection, trauma, burns

CHRONIC (≥ 3 months) e.g.:  
cystic fibrosis, chronic lung  
disease, cancer

+/-

### INFLAMMATION

↓ INTAKE

STARVATION

↑ NUTRIENT REQUIREMENT

MALABSORPTION

NUTRIENT LOSS

HYPERMETABOLISM

↑ Energy expenditure

Altered utilization of nutrients

## IMBALANCE OF NUTRIENTS

### MALNUTRITION

- Intake < Requirement
- Energy +/- Protein imbalance
- Micronutrient deficiencies

## OUTCOMES

- Loss of lean body mass
- Muscle weakness
- Developmental or intellectual delay
- Infections
- Immune dysfunction
- Delayed wound healing
- Prolonged hospital stay

# GUIDELINES SUGGEST THE USE OF ORAL NUTRITIONAL SUPPLEMENTS (ONS) FOR CHILDREN AT RISK OF MALNUTRITION & IN NEED OF CATCH-UP GROWTH<sup>1</sup>



- Effective management of FG through nutritional support is important **for physical growth and development**
- One of the common/effective strategies aiming to increase nutrient intake, while promoting 'catch-up' growth is: **use of ONS**



## ● NICE guidelines/pathway (UK,2020) recommends<sup>1</sup>:

- ✓ **Oral liquid nutritional supplement (ONS) for infants or children with continuing faltering growth, despite other interventions** (e.g. food fortification, pediatric counseling)
- ✓ **Regular reassessment** of those children to decide if the use of ONS should be continued



<sup>1</sup> NICE Pathways, 2021 (<https://pathways.nice.org.uk/pathways/faltering-growth>)

# HOWEVER, SOME CHILDREN FIND STANDARD ONS\* VOLUMES DIFFICULT TO MANAGE<sup>1</sup>



PAEDIATRIC DIETITIANS REPORT  
**COMPLIANCE TO ONS IS POOR<sup>1</sup>**

**TASTE & VOLUME**  
ARE THE MOST IMPORTANT FACTORS AFFECTING  
COMPLIANCE WITH ONS<sup>1</sup>



89%

Report many paediatric patients can struggle with standard paediatric ONS

69%

Rate COMPLIANCE to standard paediatric ONS as average to poor

100%

Rate TASTE as important in aiding compliance



86%

Rate MANAGEABLE volumes as important in aiding compliance

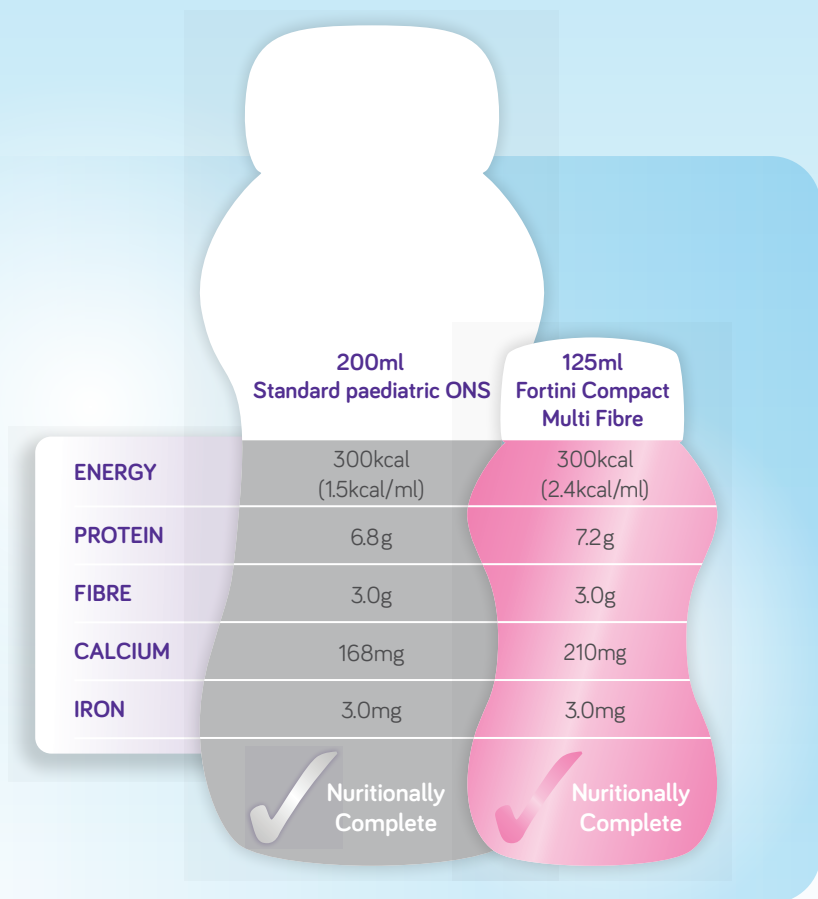


<sup>1</sup>. HCP survey for Fortini Compact MF and compliance with paediatric ONS (Data on file: UK,2016). \*200ML standard paediatric ONS (1,5 kcal/mL)

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# FORTINI COMPACT MULTI FIBRE COMPACTS COMPLETE NUTRITION IN ~40% LESS VOLUME VS THE STANDARD PEDIATRIC ONS



COMPACTS ALL THE  
BENEFITS OF A STANDARD  
PAEDIATRIC ONS\* IN

**~40%**  
**LESS VOLUME**

\* standard ONS: 200mL with 1.5 kcal/mL



FORTINI COMPACT MULTI FIBRE COMBINES A TASTE KIDS LOVE, IN A VOLUME THEY CAN EASILY MANAGE



## Fortini Compact Multi Fibre (MF)

Specifically designed for children from **1 year onwards (>8kg)**, who have difficulties meeting their nutritional requirements to grow, through food intake alone

A taste that  
~ 80%  
of kids love<sup>1</sup>



75%  
of paediatric patients  
like the volume of  
Fortini Compact MF<sup>2</sup>

ENERGY-NUTRIENT DENSE COMPACT VOLUME PAEDIATRIC ONS

1. Healthy Children Taste Testing 2016 (n=122), data on file. 2. HCP survey: Fortini Compact MF and compliance with paediatric ONS (n=106), data on file

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# PRIMARY OUTCOMES

COMPLIANCE

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INTAKE

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GROWTH

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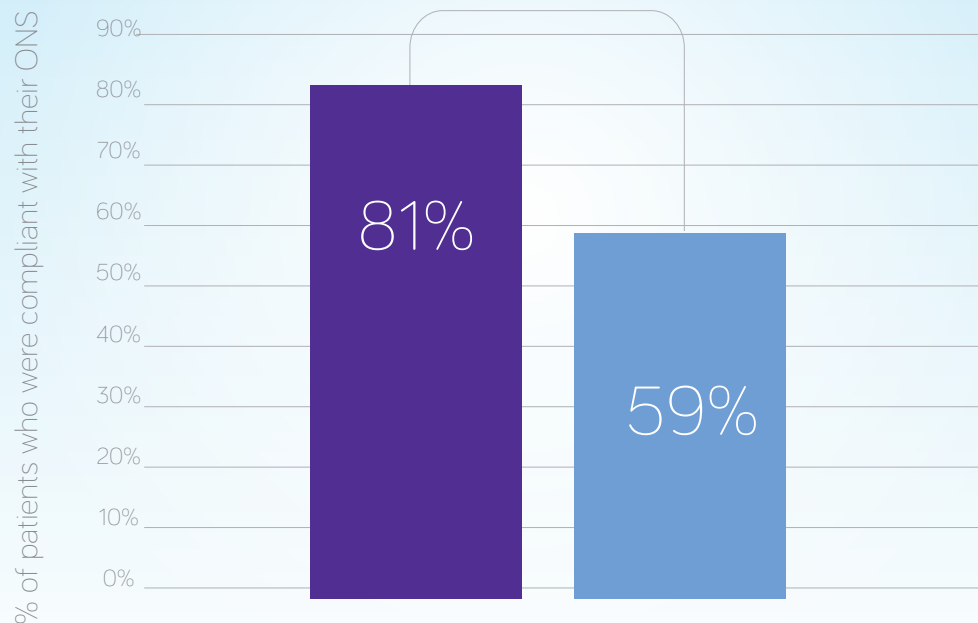
APPETITE



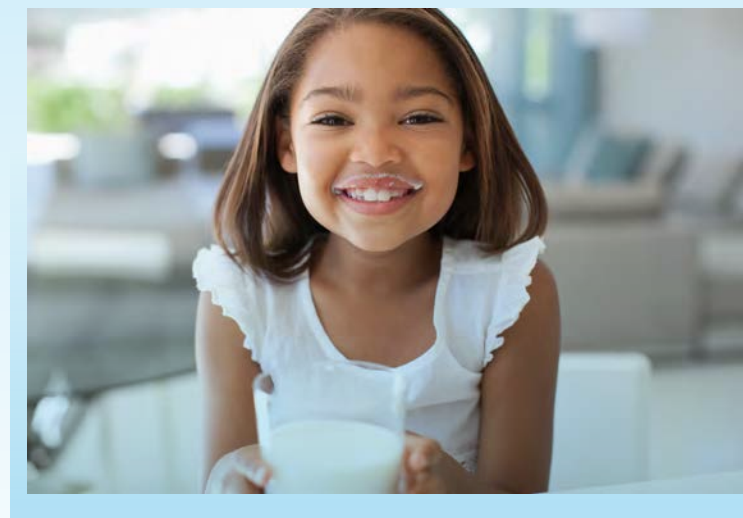
# SIGNIFICANTLY IMPROVED COMPLIANCE WITH FORTINI COMPACT MF VS STANDARD ONS IN JUST 4 WEEKS



**37% higher COMPLIANCE\***  
with Fortini Compact Multi Fibre<sup>1</sup>



\*Compliance: patients consuming >75% of their prescribed ONS



■ FORTINI COMPACT MF

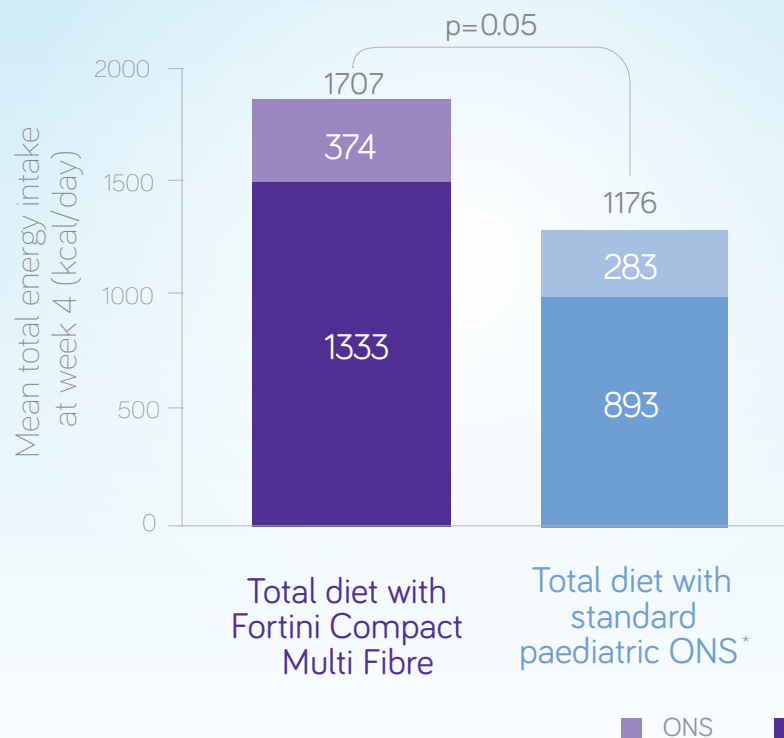
■ STANDARD PAEDIATRIC ONS

1. Hubbard, Gary P., et al. Eur J Pediatr (2020) 1-10.

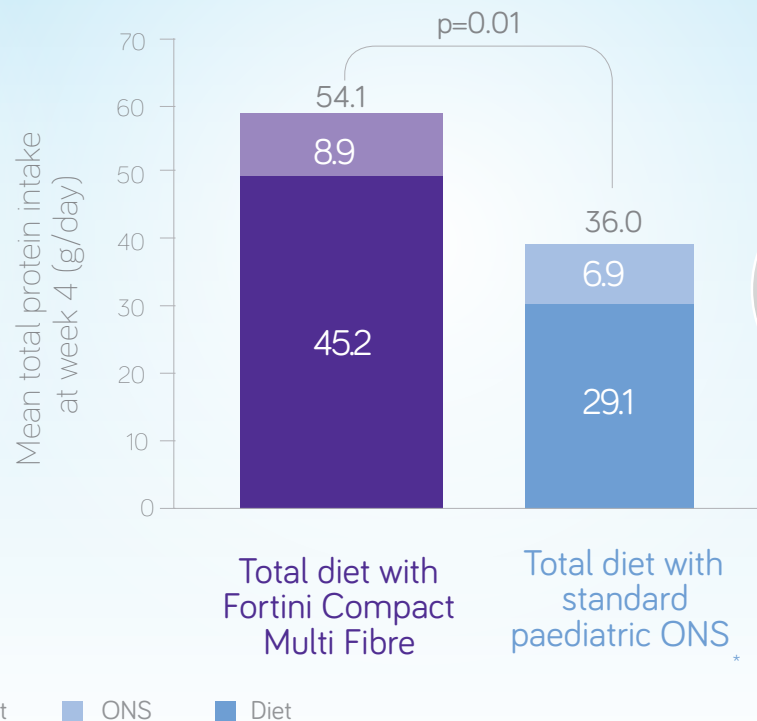
# SIGNIFICANTLY IMPROVED ENERGY & PROTEIN INTAKES WITH FORTINI COMPACT MF VS STANDARD ONS IN JUST 4 WEEKS



**45% higher** mean total **ENERGY** intake with Fortini Compact Multi Fibre<sup>1</sup>



**50% higher** mean total **PROTEIN** intake with Fortini Compact Multi Fibre<sup>1</sup>



1. Hubbard, Gary P., et al. Eur J Pediatr (2020) 1-10.

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# SIGNIFICANT IMPROVEMENT IN GROWTH WITH FORTINI COMPACT MF WITHIN 4 WEEKS

NUTRICIA  
**Fortini**



**WEIGHT**  
**+0.28kg**

over 4 weeks  
( $p=0.007$ )

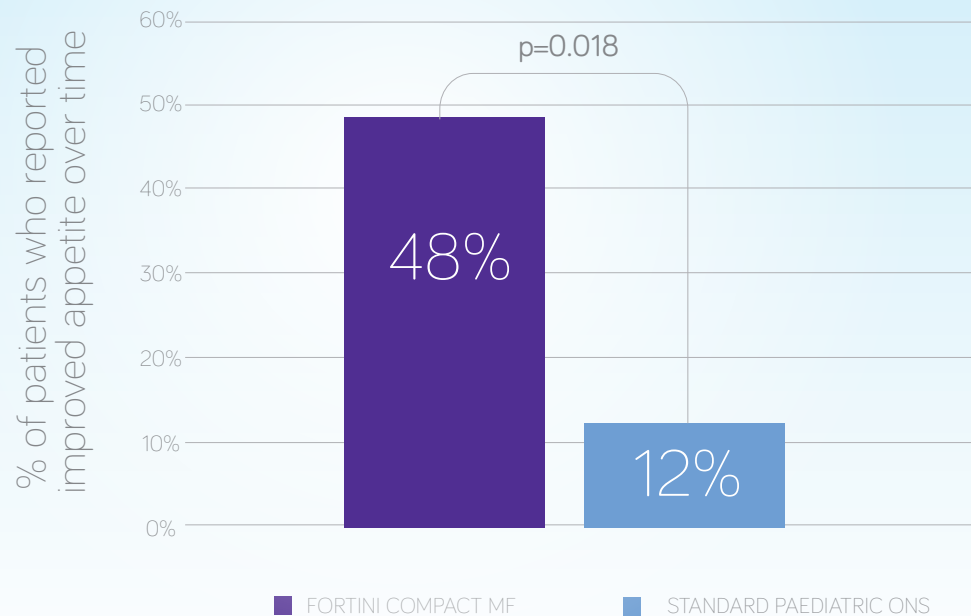


**HEIGHT**  
**+0.87cm**

over 4 weeks  
( $p<0.0001$ )

# SIGNIFICANT IMPROVEMENT IN APPETITE WITH FORTINI COMPACT MF WITHIN 4 WEEKS

**x4 greater APPETITE**  
over time with Fortini Compact Multi Fibre<sup>1</sup>



1. Hubbard, Gary P., et al. Eur J Pediatr (2020) 1-10.

# FORTINI COMPACT MF: INDICATIONS & KEY FEATURES



NUTRICIA  
**Fortini**  
Compact Multi Fibre

Nutritionally complete in  
**~40%**  
less volume  
vs standard  
ONS

- NUTRITIONALLY COMPLETE DRINK
- FOR THE DIETARY MANAGEMENT OF DRM / FALTERING GROWTH IN CHILDREN FROM 1 YEARS ONWARDS
- TAILORED FOR CHILDREN WITH POOR VOLUME TOLERANCE/COMPLIANCE

- 300 kcal per bottle (2.4 kcal/ml)
- 125 ml plastic bottle
- 7,1 g protein per bottle
- Low in lactose (<0.30 g/100 ml)
- Nutritionally Complete
- Fibre containing (MF6 blend)
- Available in 3 flavors:
  - Neutral
  - Strawberry
  - Chocolate-caramel





# SECONDARY OUTCOMES

STUDY POPULATION

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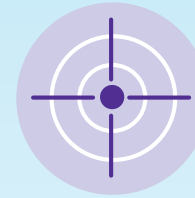
MF6

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HCP EXPECTATIONS

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FLAVORS



# FORTINI COMPACT MF HAS BEEN TESTED ACROSS A WIDE RANGE OF PAEDIATRIC CONDITIONS<sup>1</sup>



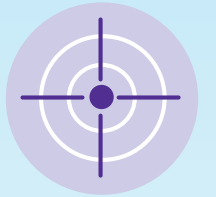
## PRIMARY DIAGNOSIS: Faltering Growth

## SECONDARY DIAGNOSIS:

with underlying conditions including

- Respiratory
- Genetic
- Central nervous system
- Gastro-intestinal

- Cardiac
- Neurodevelopmental
- Intrauterine growth retardation
- Developmental delay
- Autoimmune conditions



**FORTINI COMPACT MF** Suitable for the dietary management of disease related malnutrition (DRM) or faltering growth (FG) for children > 1 year of age

1. Hubbard, Gary P., et al. Eur J Pediatr (2020) 1-10.

# FORTINI COMPACT MF CONTAINS A UNIQUE MF6 BLEND, CLOSELY RESEMBLING THE FIBRES FOUND IN A HEALTHY DIET

Fibre containing ONS should be standard practice to help relieve constipation and promote bowel health in children<sup>5</sup>.

Nutricia's unique MF6 blend contains a mixture of 6 different soluble & insoluble fibres including **inulin and oligofructose/fructo-oligosaccharides (FOS)**

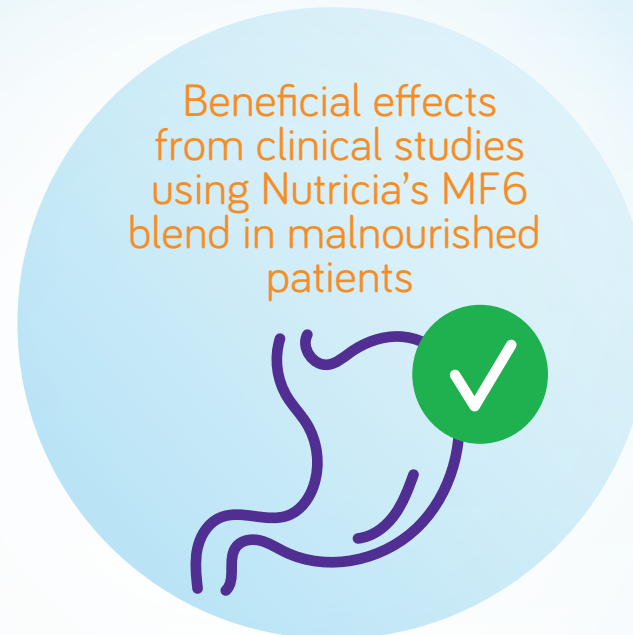
NUTRICIA  
**Fortini**



**IMPROVED  
STOOL  
CONSISTENCY<sup>1</sup>**

**IMPROVED  
TOLERANCE<sup>1,6</sup>**

**REDUCED  
CONSTIPATION<sup>3</sup>**



Beneficial effects  
from clinical studies  
using Nutricia's MF6  
blend in malnourished  
patients

**ENHANCED  
GUT FLORA IN  
CHILDREN<sup>2,7</sup>**

**REDUCED  
DIARRHOEA<sup>1,3</sup>**

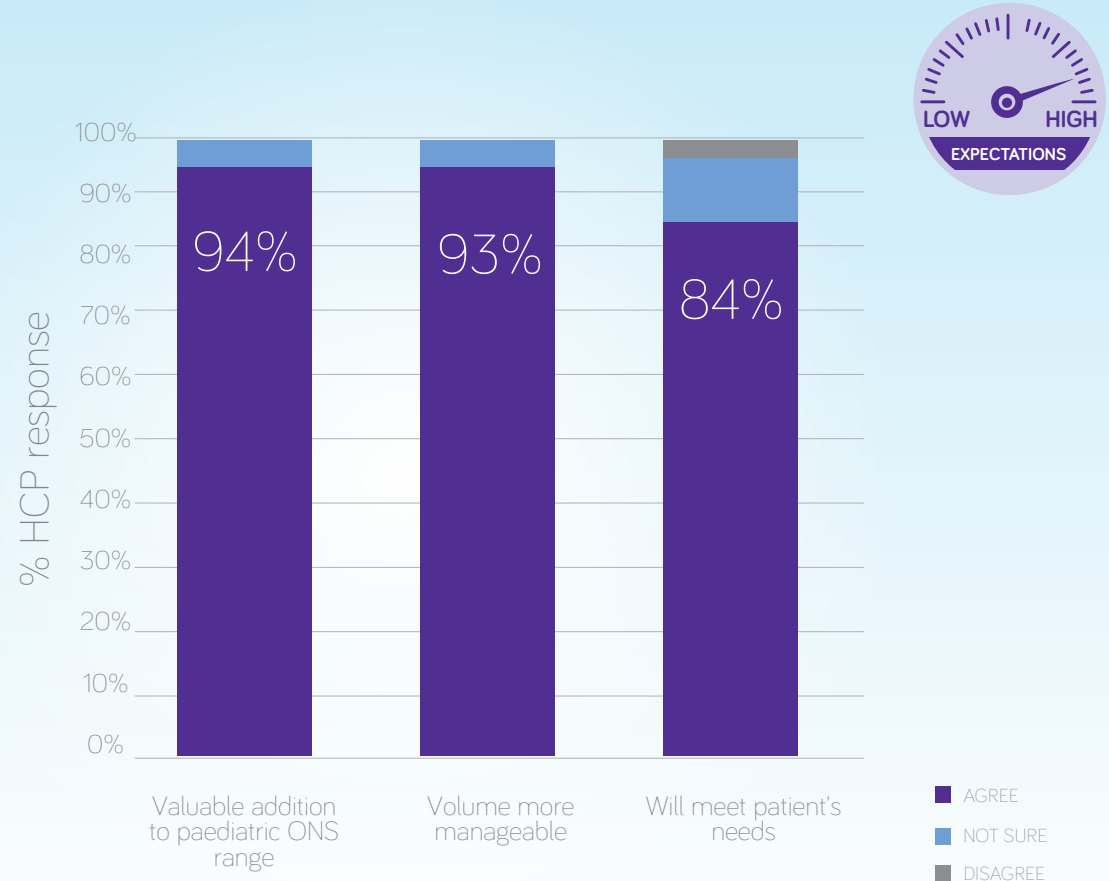
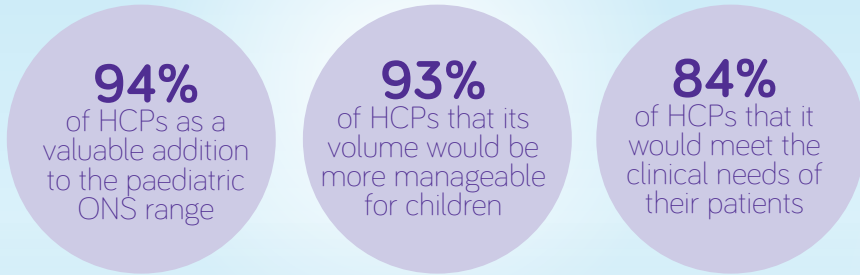
**REDUCED  
LAXATIVE USE<sup>4,5</sup>**

1. Grogan et al. J. Human Nutr. Dietetics (2006); 19:462. 2. Guimber et al Br. J. Nutr. (2010); 1514-1522. 3. Trier et al J. Pediatr. Gastroenterol. Nutr. (1999) 28:595. . 4. Hofman et al. J. Clin. Nutr. (2001); 20 (suppl 3):63 - 64. 5. Daly et al J. Human Nutr Dietetics (2004); 17:365 - 70. 6. Silk et al J. Clin. Nutr. (2001);20:49-58. 7. Schneider et al. J. Clin. Nutr. 25.1 (2006): 82-90.

# FORTINI COMPACT MF EXCEEDED HCPS EXPECTATIONS FOR ONS COMPLIANCE<sup>1</sup>



Fortini Compact MF was considered by:



1. HCP survey for Fortini Compact MF and compliance with paediatric ONS (Data on file: UK,2016).

# FORTINI COMPACT MF: UNIQUE AMONG PEDIATRIC ONS IN 3 AVAILABLE FLAVORS TO SUPPORT FLEXIBILITY WITH DAILY MEAL PATTERNS



## ✓ COMPACT

High energy in small volume (125mL)

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## ✓ 3 FLAVORS

### UNFLAVORED

Flexibility  
Mix into everyday food\*

### STRAWBERRY & CHOCOLATE-CARAMEL

Great taste loved by kids  
Variety & flexibility  
To be consumed alone, before, after or in-between meals

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## ✓ MULTI FIBRE

Mixture of 6 fibres (MF6)  
Clinical benefits for gut health

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\* when the product is being used as a supplement to the diet

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# FORTINI COMPACT MF: UNIQUE CONCEPT EMBEDDED WITH SCIENCE



✓ Tested across a  
**RANGE OF CONDITIONS<sup>1</sup>**

✓ **CLINICAL  
BENEFITS**  
over standard  
ONS in **just  
4 weeks<sup>2</sup>**

- **45-50%** HIGHER MEAN ENERGY & PROTEIN INTAKE
- CATCH-UP GROWTH
- **37%** HIGHER COMPLIANCE
- **4X** GREATER APPETITE

✓ Exceeded HCP expectations  
**FOR ONS COMPLIANCE<sup>2</sup>**



1. Hubbard, Gary P., et al. Eur J Pediatr (2020) 1-10. 2. HCP survey: Fortini Compact MF and compliance with paediatric ONS (n=106), data on file



# A SUCCESSFUL ONS IS ONE THAT CHILDREN CAN FINISH<sup>1</sup>

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**Fortini**

Fortini Compact MF: is part of the widest range of flavors, textures & formats in the Fortini Range



Fortini Compact Multi Fibre



Fortini 1.5 Multi Fibre



Fortini 1.5



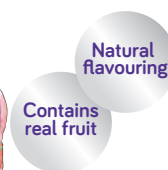
Fortini 1.0 Multi Fibre



Fortini Smoothie



Fortini Creamy Fruit



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