

Nutrison Peptisorb Plus HEHP is a Food for Special Medical Purposes for the dietary management of disease related malnutrition in patients with malabsorption and/or maldigestion and must be used under medical supervision.

Accurate at time of publication: July 2022.

This information is intended for healthcare professionals only.

INTRODUCING... A NEW PEPTIDE-BASED TUBE FEED FOR PATIENTS WITH **GI INTOLERANCE SYMPTOMS**





NUTRISON PEPTISORB PLUS HEHP AND COMPETITORS

NUTRISON PEPTISORB PLUS HEHP: THE EVIDENCE

NEW NUTRISON PEPTISORB PLUS HEHP: HEAVY ON PROTEIN, LIGHT ON THE GUT

MALNUTRITION AND GASTROINTESTINAL DISORDERS



MALNUTRITION AND GASTROINTESTINAL DISORDERS



MALNUTRITION

A state of nutrition in which a deficiency of energy, protein and other nutrients causes adverse effects on the body's size, composition and function resulting in poorer clinical outcomes.¹



Republic of Ireland

Malnutrition risk is common across many patient groups, with a particularly high prevalence (up to 45%) in patients with gastrointestinal (GI) disorders^{2,3}



MALNUTRITION AND GI DISORDERS

Patients with GI disorders can present with several symptoms such as diarrhoea, bloating, abdominal pain and vomiting.⁴

If symptoms are improperly managed, this may lead to:

- nutritional intake
- nutritional losses
- malnutrition risk

Nutritional support is vital for patients with GI disorders, as emphasised in several ESPEN guidelines^{5,6}

Tolerance to tube feeds containing whole proteins and fats is often poor in patients with GI disorders^{4,7}

In patients with GI disorders, when absorption and digestion of nutrients is impaired, peptide-based feeds have been shown to improve tolerance.^{4,7}



Nutrison Peptisorb Plus HEHP







NEW NUTRISON PEPTISORB PLUS HEHP HEAVY ON PROTEIN LIGHT ON THE GUT



INTRODUCING NUTRISON PEPTISORB PLUS HEHP

Designed to improve GI tolerance and increase nutritional intake in patients with impaired GI function⁷



Peptide-based 100% whey protein



Readily absorbed MCT 60% of fat

*helps minimise electrolyte losses



High protein tube feed 7.5 g/100 ml



High levels of sodium 197 mg/100 ml and potassium 340 mg/100 ml*



Has been shown to improve **GI** tolerance and increase energy and protein intake⁷





NUTRITIONAL VALUE PER 100 ML



Energy	150 kcal
Protein	7.5 g
otein source	Peptide-based, 100% whey protein
% Energy rom Protein	20%
Sugars	1.4 g
Lactose	<0.025 g
Energy from rbohydrates	50%
MCT	3 g
Fat source	MCT:LCT 60:40
rgy from Fat	30%
Fibre	0 g
EPA + DHA	0 mg
Vitamin D	2 µg
Sodium	197 mg (8.6 mmol)
Potassium	340 mg (8.7 mmol)
Osmolarity	445 mOsmol/l
рН	Neutral (7.6)
Presentation	500 ml, 1000 ml OpTri Bottle





NUTRISON PEPTISORB PLUS HEHP EVIDENCE

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NUTRICIA Nutrison Peptisorb Plus HEHP





Study Outline

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To investigate the GI tolerance, compliance, safety, and acceptability of Nutrison Peptisorb Plus HEHP in tube feeding patients with complex conditions requiring a peptide-based tube feed

Design

A prospective, single arm, longitudinal, interventional, 28-day multi-centre study in 10 NHS centres across the UK

Intervention

To investigate the GI tolerance of a peptide-based high protein tube feed

Population

15 tube feeding patients with complex conditions requiring a peptide-based tube feed





Inclusion and Exclusion Criteria

Inclusion Criteria

- Male or female
- Age 18 years and over
- Requiring a peptide-based feed to meet nutritional requirements
- Expected to receive ≥500 kcal by tube

Exclusion Criteria

- Patients receiving total parenteral nutrition
- Patients with major hepatic dysfunction (i.e. decompensated liver disease)
- Patients with major renal dysfunction (i.e. requiring filtration or Stage 4/5 chronic kidney disease)
- Patients in intensive care
- Patients with galactosaemia or severe lactose intolerance
- Participation in other clinical studies within 2 weeks prior to entry of this study





Patient population demographics





Bolus (n=2)

- Vital[®] 1.5kcal (n=7)

Average weight: 64.1 kg BMI: 22.5 kg/m² (15.7 – 33.5 kg/m²)

Estimated energy requirements:

Estimated protein requirements:

Patient diagnosis:

- Bariatric (n=1)
- Neurological conditions (n=1)

Nutrison

- GI disorders (n=10)
- Cerebral palsy (n=2)
- Other (n=1)

 Peptamen[®] HN (n=2) Nutrison Peptisorb (n=2)

4 patients on a whole protein feed at baseline :

- Nutrison Energy (n=1)
- Nutrison Protein Plus (n=1)
- Nutrison Concentrated (n=1)
- Nutrison Energy Multi Fibre (n=1)







Trial results

Nutrison Peptisorb Plus HEHP is suitable for patients with impaired GI function and can improve diarrhoea, and support GI tolerance.

Nutrison Peptisorb Plus HEHP is well tolerated and accepted with excellent compliance:



- No change in anthropometry
- 86% of dietitians felt patients tolerated and/or exceeded tolerance expectations

*Intake from Nutrison Peptisorb Plus HEHP, other tube feeds, food, drinks and oral nutritional supplements

After 28 days of Nutrison Peptisorb Plus HEHP

99% compliance achieved vs. 87% at baseline











NUTRISON PEPTISORB PLUS HEHP SIGNIFICANTLY **REDUCED THE SEVERITY OF DIARRHOEA⁷**



Significant reduction in severity of diarrhoea vs. baseline (p=0.023)



After 28 days of Nutrison Peptisorb Plus HEHP





NUTRISON PEPTISORB PLUS HEHP SHOWED AN **IMPROVEMENT IN ADDITIONAL GI SYMPTOMS*7**



*improvement considered when none and mild symptoms were higher than baseline



QUOTES FROM HCPS USING NUTRISON PEPTISORB PLUS HEHP IN CLINICAL PRACTICE

'Patient reported to myself and other health professionals that he felt he had **more energy** with this feed. He was very **motivated to increase his feed volume** and push himself (patient has longstanding nutritional issues and motivation to improve nutritional status has been poor)'

Patient has reported less nausea and significantly less bloating.... this patient's symptoms improved resulting in her being able to enjoy more food orally more consistently'

'Patient is less 'sicky' **with less vomiting/retching**. They were **fully compliant** and **tolerated the product well**. This is the highest (and healthiest) weight this patient has ever been' 'Patient experienced **significant clinical improvement** permitting reintroduction of oral intake and weaning off enteral feed'





NUTRISON PEPTISORB PLUS HEHP AND COMPETITORS



NUTRISON PEPTISORB PLUS HEHP AND COMPETITORS

NUTRITIONAL VALUE PER 100 ml	UNIT	NUTRISON PEPTISORB PLUS HEHP	NUTRISON PEPTISORB	VITAL® 1.5KCAL	PERATIVE®	PEPTAMEN® AF	PEPTAMEN® HN	PEPTAMEN®	SURVIMED® OPD	SURVIMED® HN
Manufacturer		Nutricia	Nutricia	Abbott	Abbott	Nestle	Nestle	Nestle	Fresenius Kabi	Fresenius Kabi
Energy (E)	kcal	150	100	150	131	152	133	100	100	133
Protein (%E)	g	7.5 (20)	4.0 (16)	6.75 (18)	6.7 (21)	9.4 (25)	6.6 (20)	4.0 (16)	4.5 (18)	6.7 (20)
Protein source		100% whey	100% whey	70% whey 30% casein	72% whey 28% casein	100% whey	100% whey	100% whey	100% whey	100% whey
Carbohydrates (%E)	g	18.7 (50)	17.6 (69)	18.4 (49)	17.7 (54)	14.0 (37)	16.0 (47)	13.0 (47)	14.3 (57)	18.3 (55)
Sugars	g	1.4	1.7	3.5	0.5	1.4	1.4	0.5	1.1	1.3
Fat (%E)	g	5.0 (30)	1.7 (15)	5.5 (33)	3.7 (25)	6.5 (37)	4.9 (33)	3.7 (33)	2.8 (25)	3.7 (25)
MCT	g	3.0	0.8	3.5	1.4	3.4	3.4	2.6	1.4	1.9
% fat from MCT	%	60	49	64	36	52	69	70	51	52
Sodium	mg (mmol)	197 (8.6)	99 (4.3)	169 (7.4)	104 (4.5)	100 (4.4)	90 (3.9)	74 (3.2)	80 (3.5)	135 (5.9)
Potassium	mg (mmol)	340 (8.7)	150 (3.8)	200 (5.1)	173 (4.2)	270 (6.9)	180 (4.6)	115 (2.9)	200 (5.1)	260 (6.6)
Vitamin D	hg	2.0	0.7	1.0	0.9	1.7	1.8	1.1	1.0	1.5
Osmolarity	mOsmol/l	445	455	487	305	425	350	220	300	370
Presentation size	ml	500 1000	500 1000	200 1000	500 1000	500	500 1000	500 1000	500 1000	500

MIMS June 2020 compared to other peptide-based feeds on the UK market



NEW NUTRISON PEPTISORB PLUS HEHP

The new peptide-based tube feed designed to support GI tolerance and increase nutritional intake in patients with impaired GI function⁷



Peptide-based, 100% whey protein



Readily absorbed MCT 60% of fat

Significant improvement in diarrhoea severity⁷

High protein tube feed

Significant increase in energy and protein intake⁷

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