

# NHS Frimley **Paediatric** Formulary

## Tube Feeds

All Places with a NUTRICA contract:

*Frimley North - Places in Bracknell Forest, Royal Borough of Windsor and Maidenhead, Slough*

*Frimley South – Places in Surrey Heath, North-East Hampshire and Farnham*

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## Contact details

<p><b>Frimley South</b>  <b>(NE Hants &amp; Surrey Heath Places)</b>          For paediatric enquiries, please contact:          Dietetics Dept at Frimley Park Hospital (FPH) on:  <b>0300 613 4053</b>  <a href="mailto:Fhft.paediatricdietitiansfph@nhs.net">Fhft.paediatricdietitiansfph@nhs.net</a></p>	<p>PAEDIATRICS</p>	<ul style="list-style-type: none"> <li>• GP prescription for an appropriate feed will be requested by the managing specialist dietitian, which will then be fulfilled via Nutricia Homeward</li> <li>• Plastics and ancillaries are managed by community nursing team and fulfilled by Nutricia Homeward</li> </ul>
<p><b>Frimley North</b>  <b>(Slough, RBWM and Bracknell Places)</b>          For paediatric enquiries, please contact:          CYPF Nutrition and Dietetic Team on:  <b>0118 9046777</b>  <a href="mailto:CYPFND@berkshire.nhs.uk">CYPFND@berkshire.nhs.uk</a></p>	<p>PAEDIATRICS</p>	<ul style="list-style-type: none"> <li>• GP prescription for an appropriate feed will be requested by the managing specialist dietitian, which will then be fulfilled via Nutricia Homeward</li> <li>• Plastics and ancillaries are managed by the community dietitians and fulfilled by Nutricia Homeward</li> </ul>

## Aim & Scope of Document

This formulary provides guidance on the prescribing of enteral (tube) feeding for paediatrics within primary care in Frimley Health and Care ICS. This list is not exhaustive. This Formulary excludes:

- Specialised Infant Feeds where infant is <8kg/under 1 year old – please refer to NHS Frimley Paediatric Formulary: Specialised Infant Feeds
- Oral Nutritional Supplements: Please refer to the NHS Frimley Paediatric Formulary: Oral Nutritional Supplements
- Specialist metabolic products, such as low protein products (e.g. for PKU) or products specific to chronic liver or renal disease. These should be prescribed following the guidance of the recommending dietitian or clinician.
- Gluten free foods for management of coeliac disease. These should be prescribed according to Medicines Optimisation Position Statement 006.

**Dietitians should only use products listed on this formulary** (as approved by NHS Frimley Medicines Board).

However, it is recognised that due to the specialist nature of paediatric enteral feeding, occasionally a non-formulary product may be required (e.g. to meet specific micronutrient profile requirements). In these instances, if a Dietitian requests a product not included on the formulary for clinical reasons, they must inform the prescriber that it is non-formulary and give clear justification for its use.

## Product Suitability

***To ensure that products meet their nutritional requirements, Dietitians and GPs are advised to keep track of the age and weight of the infant/child.***

- **Nutricia enteral feeds** - Nutrini/Tentrini ranges, are indicated for children aged 1 to 12 years or 8-45kg. After this age/weight, patients should be reviewed and if appropriate, switched to an 'adult' enteral feed alternative.

The products included in this formulary should be safe and suitable for most patients to use. Please refer to the BNF for Children, manufacturer's information, or Dietitian for advice if a patient is following a restricted diet for medical/religious purposes or has complex nutritional needs. Specific suitability issues are discussed below:

<b>Allergens</b>	Allergens are not listed for amber products as it is expected that dietitians should be able to access this information easily from the manufacturer. <b><i>It is the clinician's responsibility to check each product for allergens before prescribing.</i></b>
<b>Diabetes</b>	Patients living with diabetes may need to increase blood glucose monitoring if enteral feeding is commenced, changed, or stopped.
<b>Gluten</b>	Products are gluten-free unless stated otherwise
<b>Lactose</b>	Manufacturers state a product is 'clinically lactose-free', 'lactose-free' or containing 'residual lactose' if the lactose content is below a certain threshold. This varies from <0.2g-1.0g per 100ml for different products
<b>Sole/Main Source of Nutrition</b>	Products may be used as a sole/main source of nutrition as per regimen indicated by paediatric dietitian.
<b>Vegetarian/Vegan/Halal/Kosher</b>	Please check product suitability. Many products on this formulary obtain vitamin D from lanolin (found in live sheep's wool) which is not suitable for vegan diets, however, may be accepted in vegetarian diets. Some flavours use cochineal as a colouring.

## Traffic Light Coding

### AMBER

All products in this Formulary are Traffic Light coded 'Amber' and therefore, should only be started on the advice of a paediatric dietitian / Paediatrician and not initiated in primary care. Please refer to specialist dietitian advice for monthly quantity of product and duration of prescription.

## Advisory Committee on Borderline Substances (ACBS) Indications

- ACBS indications for each product were accessed from the NHS Electronic Drug Tariff Part XV, Borderline Substances (October 2024)
- Products should only be used for the ACBS indications they are specified for.**

The ACBS advises as to the circumstances in which substances normally regarded as food may be regarded as drugs for the treatment of specified conditions. Prescribers should satisfy themselves that the products can be safely prescribed, that patients are adequately monitored and that, where necessary, expert supervision is available.

The standard ACBS indications (including abbreviations used in this formulary) are:

<b>Abbreviation</b>	<b>Standard ACBS Indication</b>	<b>Abbreviation</b>	<b>Standard ACBS Indication</b>
<b>BF</b>	Bowel Fistulae	<b>IM</b>	Intractable Malabsorption
<b>D</b>	Dysphagia	<b>PO</b>	Pre-operative preparation of undernourished patients
<b>DRM</b>	<b>Disease-Related Malnutrition and/or Growth Failure</b>	<b>SBS</b>	Short Bowel Syndrome
<b>IBD</b>	Proven Inflammatory Bowel Disease	<b>TG</b>	Total Gastrectomy

Other ACBS indications included in this formulary (including abbreviations used) are:

<b>Abbreviation</b>	<b>Other ACBS Indication</b>
<b>ST</b>	Steatorrhoea associated with cystic fibrosis of the pancreas, intestinal lymphangiectasia, surgery of the intestine, chronic liver disease, liver cirrhosis, other proven malabsorption syndromes, a ketogenic diet in the management of epilepsy and in type 1 hyperlipoproteinaemia

All prices are correct as of December 2024 MIMS data.

**TUBE FEEDS - For children who weigh over 8kg (and aged over 1 year)**

 Frimley Formulary Traffic Light Coding: **AMBER**

Nutrition shown per 100ml unless otherwise stated. Cost per Item.

	Borderline Substance	Age / Weight Range	ACBS Indication and Additional Information		Presentation	Calories /100ml	Protein g/100ml	Cost /item
<1kcal/ml	<b>Nutrini Low Energy Multi-Fibre</b> (Nutricia) Unflavoured	1+ years 8-20kg	DRM, SBS, IM, PO, D, TG	Fibre: 0.8g per 100ml	200ml	75	2.06	£3.97
					500ml			£10.13
1kcal/ml	<b>Nutrini</b> (Nutricia) Unflavoured	1+ years 8-20kg	DRM, SBS, IM, PO, D, BF		200ml	100	2.75	£4.14
					500ml			£10.32
1kcal/ml	<b>Nutrini Multi-Fibre</b> (Nutricia) Unflavoured	1+ years 8-20kg	DRM, SBS, IM, PO, D, BF, IBD, TG	Fibre: 0.75g per 100ml	200ml	100	2.75	£4.58
					500ml			£11.14
1.5kcal/ml	<b>Nutrini Energy</b> (Nutricia) Unflavoured	1+ years 8-20kg	DRM, SBS, IM, PO, D, BF, IBD, TG		200ml	150	4.13	£5.05
					500ml			£12.96
1.5kcal/ml	<b>Nutrini Energy Multi-Fibre</b> (Nutricia) Unflavoured	1+ years 8-20kg	DRM, SBS, IM, PO, D, TG	Fibre: 0.75g per 100ml	200ml	150	4.13	£5.34
					500ml			£13.39

**TUBE FEEDS - For children who weigh over 21kg (age ~7+ years)**

 Frimley Formulary Traffic Light Coding: **AMBER**

1kcal/ml	<b>Tentrini</b> (Nutricia) Unflavoured	21-45kg	DRM, SBS, IM, PO, D, BF, IBD, TG		500ml	100	3.3	£9.09
					500ml			£10.02
1.5kcal/ml	<b>Tentrini Multifibre</b> (Nutricia) Unflavoured	21-45kg	DRM, SBS, IM, PO, D, IBD, TG	Fibre: 1.1g per 100ml	500ml	100	3.3	£10.02
					500ml			£11.25
1.5kcal/ml	<b>Tentrini Energy</b> (Nutricia) Unflavoured	21-45kg	DRM, SBS, IM, PO, D, BF, IBD, TG		500ml	150	4.9	£11.25
					500ml			£12.37

**TUBE FEEDS - Specialist Feeds - Peptide based**

 Frimley Formulary Traffic Light Coding: **AMBER**

Nutrition shown per 100ml unless otherwise stated. Cost per Item.

		Borderline Substance and available flavours	Age /Weight Range	ACBS Indication and Additional Information		Presentation	Calories /100ml	Protein g/100ml	Cost /item
Peptide-based feeds	0.6kcal/ml	<b>Peptamen Junior 0.6</b> (Nestle)	1+ years	SBS, IM, BF, IBD		500ml	60	2.3	£9.21
	1kcal/ml	<b>Nutrini Peptisorb</b> (Nutricia)	1 to 6 years	DRM, SBS, IM, PO, D, BF, IBD, TG	Hydrolysed whey protein	500ml	100	2.8	£16.13
		<b>Peptamen Junior Powder</b> (Nestle)	1 to 10 years	SBS, IM, BF, IBD		400g tin	100	3.0	£24.79
		<b>Peptamen Junior Liquid</b> (Nestle)	1 to 10 years	SBS, IM, BF, IBD		500ml	100	3.0	£9.45
		<b>Paediasure Peptide</b> (Abbott) Vanilla	Weight 8-30kg	DRM, SBS, IM, PO, D, BF, IBD, TG	<i>Not routinely held by Homeward – request as 3<sup>rd</sup> party</i>	200ml	100	3.0	£5.90
	1.5kcal/ml	<b>Nutrini Peptisorb Energy</b> (Nutricia) Unflavoured	1 to 6 years	DRM, SBS, IM, PO, D, BF, IBD, TG	Hydrolysed whey protein	500ml	150	4.2	£16.14
		<b>Peptamen Junior Advance</b> (Nestle) Unflavoured	1 to 10 years	SBS, IM, BF, IBD	Fibre: 0.7g per 100ml	500ml	150	4.5	£10.79
		<b>Peptamen Junior 1.5</b> (Nestle) Banana, Vanilla	1 to 15 years	SBS, IM, BF, IBD		200ml (4x200ml pack)	151	4.5	£5.03
Amino-acid based feed	<b>Neocate Junior</b> (Nutricia) Strawberry, Vanilla, Unflavoured	1+ years	SBS, IM	Also indicated for proven whole protein allergy, other GI disorders where an amino acid-based diet is recommended	400g tin	475kcal per 100g	13.3g per 100g	£39.61	

**TUBE FEEDS - Specialist Feeds - Other**

 Frimley Formulary Traffic Light Coding: **AMBER**

Nutrition shown per 100ml unless otherwise stated. Cost per Item.

	Borderline Substance and available flavours	Age /Weight Range	ACBS Indication and Additional Information		Presentation	Calories /100ml	Protein g/100ml	Cost /item
Soy-based	<b>Nutrison Soya</b> (Nutricia) Unflavoured	6+ years caution 1-5 years	DRM, SBS, IM, PO, D, BF, IBD, TG	Also indicated for cows' milk protein and lactose intolerance	1000ml	100	4.0	£16.07
	<b>Nutrison Soya Multifibre</b> (Nutricia) Unflavoured	6+ years caution 1-5 years	DRM, SBS, IM, PO, D, BF, IBD, TG	Also indicated for cows' milk protein and lactose intolerance Fibre: 1.5g per 100ml	1500ml only	100	4.0	£26.73
Higher-Fibre	<b>Fortini Compact Multi Fibre</b> (Nutricia) chocolate-caramel, strawberry, neutral	1+ years	DRM	3.0g fibre Caution – high sugar content (20g/serving)	125ml	300	7.1	£4.65
Food-derived	<b>Compleat Paediatric</b> (Nestle)	1+ years	DRM, SBS, IM, PO, D, BF, IBD, TG	Also indicated for feeding intolerance & developmental disabilities Fibre: 1g per 100ml <i>Not held by Homeward – GP to dispense via local pharmacy</i>	250ml	117	3.6	£4.05
					500ml			£8.62
Protein supplement	<b>Nutrison Protein Shot</b> (Nutricia)	3+ years	DRM with increased protein requirements	Whey-based. Shake well before use. Use immediately once opened. Contains bovine gelatine.	40ml pot 6 x 40ml cluster pack (240ml)	45kcal per pot	11 per pot	£1.50 per pot
	<b>Prosource TF Plant</b> (Nutrinovo) Unflavoured	3+ years	hypoproteinaemia	0.45g fibre per serving Suitable for vegans <i>Not routinely held by Homeward – request as 3<sup>rd</sup> party</i>	45ml pouch	90 kcal per pouch	15 per pouch	£2.70