

Oxepa

1.5 kcal/ml complete, balanced, high fat/low carbohydrate liquid with EPA*, GLA** and antioxidants

PRESENTATION

- Presented in a 500 ml (759 kcal) Ready to Hang (RTH) container.
- Oxepa is unflavoured.

USES

Food for Special Medical Purposes, for use under medical supervision. Suitable as a sole source of nutrition or as a nutritional supplement for patients who cannot or will not eat sufficient quantities of everyday food and drink to meet their nutritional requirements.

Oxepa is an enteral feed specifically formulated for patients with acute lung injury. The high fat/low carbohydrate content is designed to reduce carbon dioxide production and respiratory quotient, thus reducing ventilatory requirement. Oxepa is enriched with anti-oxidants, eicosapentaenoic acid (EPA) and gamma linolenic acid (GLA) which may help reduce lung inflammation in ventilated patients. The high energy density makes it appropriate for patients with volume restrictions/intolerance.

Nutritionally complete for vitamins and minerals in 974 ml (excluding electrolytes, calculated using the UK Reference Nutrient Intake for men aged 19-50 years).

STORAGE

- Store unopened at room temperature.
- Avoid prolonged exposure to light.
- Once opened, unused product should be resealed and stored in a refrigerator.
- Unused contents should be discarded after 24 hours.

DIRECTIONS FOR USE

- Ready for use.
- Administer at room temperature for tube feeding.
- The volume/flow rate should be adjusted to meet the patient's nutritional needs and tolerance. This product has a low viscosity and will pass down a fine nasogastric tube.
- A Flexitainer enteral nutrition container may be used if decanting is necessary.
- For gravity feeding, the use of a Flexiflo gravity gavage set is recommended.
- An Abbott enteral feeding pump may be used in conjunction with the Abbott enteral feeding system where a more accurately controlled delivery of feed is indicated. An ambulatory system is available for use.

PRECAUTIONS

- In patients receiving some medications there may be a risk of drug nutrient interactions (e.g. warfarin and vitamin K). Careful prescribing and monitoring practices will serve to reduce the risk (please refer to pharmacist).
- Patients should not make any additions to the feed without consulting their pharmacist or dietitian.
- Unless recommended by a healthcare professional, not intended for use in children.
- When feeding to patients with dysphagia, please thicken the product as appropriate.

CONTRA-INDICATIONS

- FOR ENTERAL USE ONLY.
- Do not use in children under 1 year of age.
- Not for use in galactosaemia.
- Suitable for people with diabetes provided that routine glucose checks are performed.

INDREDIENTS

Water, vegetable oils (canola, MCT from palm kernel oil, borage), **milk** proteins, sucrose, maltodextrin, **fish** oil, minerals (potassium citrate, magnesium chloride, calcium phosphate tribasic, sodium citrate, potassium chloride, potassium phosphate dibasic, sodium chloride, ferrous sulphate, zinc sulphate, manganese sulphate, cupric sulphate, chromium chloride, sodium molybdate, sodium selenate, potassium iodide), emulsifier: **soy** lecithin, vitamins (C, E, niacinamide, calcium pantothenate, vitamin A palmitate, beta carotene, B₁, B₂, B₆, folic acid, biotin, K₁, D₃, B₁₂), choline chloride, taurine, l-carnitine, stabiliser: E418.

GENERAL INFORMATION

Energy density 1.5 kcal/ml

Energy distribution:

Protein	16.5%
Carbohydrate	27.9%
Fat	55.6%

Renal solute load 511 mOsm/L

Osmolarity 384 mOsm/L

Osmolality 490 mOsm/kg H₂O

Gluten free? ✓

Clinically lactose free? ✓

Milk free? ✗

Suitable for vegetarian diet? ✗^{1, 2}

Suitable for vegan diet? ✗

Suitable for Halal diet? ✓

Suitable for Kosher diet? ✗

For other free-from information, please contact the Freephone Nutrition Helpline on 0800 252882.

1. Vitamin D is synthesised from cholesterol, extracted from the grease in wool sheared from live sheep.
2. Contains fish oil.

* eicosapentaenoic acid (EPA)

** gamma linolenic acid (GLA)

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NUTRITION INFORMATION

	units	per 100 ml
Energy	kJ	633
	kcal	152
Fat	g	9.37
- of which saturates	g	3.1
- of which EPA*	g	0.53
- of which GLA**	g	0.43
- of which MCT***	g	2.16
Carbohydrate	g	10.6
- of which sugars	g	5.9
Protein (nitrogen)	g	6.25 (1.00)
Salt	g	0.33
Fibre	g	0
Vitamins		
Vitamin A (RE)	µg	225
- of which β-carotene	µg	67
Vitamin D ₃	µg	1.1
Vitamin E (α TE)	mg	21
Vitamin K ₁	µg	10
Vitamin C	mg	84
Folic acid (folic acid)	µg	42
Thiamin (vitamin B ₁)	mg	0.32
Riboflavin (vitamin B ₂)	mg	0.36
Vitamin B ₆	mg	0.43
Vitamin B ₁₂	µg	0.60
Niacin (NE)	mg	2.9
Pantothenic acid	mg	1.3
Biotin	µg	6.0
Minerals		
Sodium	mg (mmol)	131 (5.70)
Potassium	mg (mmol)	196 (5.01)
Chloride	mg (mmol)	169 (4.77)
Calcium	mg (mmol)	106 (2.64)
Phosphorus (phosphate)	mg (mmol)	100 (3.23)
Magnesium	mg (mmol)	32 (1.32)
Iron	mg	2.0
Zinc	mg	1.8
Manganese	mg	0.53
Copper	mg	0.22
Iodine	µg	16
Selenium	µg	7.7
Chromium	µg	13
Molybdenum	µg	16
Taurine	mg	32
L-carnitine	mg	12
Choline	mg	64
Water	g	78.6

FAT & FATTY ACIDS

		% total fatty acids	g/100 ml
Fat source			
Canola oil		31.3	2.93
MCT from palm kernel oil		24.5	2.30
Borage oil		21.0	1.97
Fish oil		20.0	1.87
Lecithin		3.20	0.30
Fatty acids			
		g/100 g fat	g/100 ml
- Essential			
Linoleic acid	C18:2	15.1	1.43
Alpha linolenic acid	C18:3	2.90	0.28
Gamma linolenic acid (GLA)	C18:3	4.52	0.43
- Polyunsaturated			
Hexadecadienoic acid	C16:2	0.31	0.03
Hexadecatrienoic acid	C16:3	0.46	0.04
Hexadecatetraenoic acid	C16:4	0.79	0.07
Stearidonic acid	C18:4	0.73	0.07
Eicosadienoic acid	C20:2	0.06	0.01
Hommo gamma linolenic acid	C20:3	0.08	0.01
Arachidonic acid	C20:4	0.20	0.02
Eicosatetraenoic acid	C20:4	0.17	0.02
Eicosapentaenoic acid (EPA)	C20:5	5.55	0.53
Heneicosapentaenoic acid	C21:5	0.20	0.02
Docosatetraenoic acid	C22:4	0.02	trace
Docosapentaenoic acid	C22:5	0.66	0.07
Docosahexaenoic acid (DHA)	C22:6	2.50	0.24
- Monounsaturated			
Palmitoleic acid	C16:1	1.87	0.18
Oleic acid	C18:1	24.4	2.32
Gadoleic acid	C20:1	1.45	0.14
Gadelaidic acid	C20:1	0.12	0.01
Erucic acid	C22:1	0.79	0.08
Nervonic acid	C24:1	0.36	0.03
- Saturated			
Caproic acid	C6:0	0.11	0.01
Caprylic acid	C8:0	13.1	1.24
Capric acid	C10:0	9.37	0.89
Lauric acid	C12:0	0.16	0.02
Myristic acid	C14:0	1.09	0.10
Pentadecanoic acid	C15:0	0.05	trace
Palmitic acid	C16:0	5.70	0.54
Margaric acid	C17:0	0.07	0.01
Stearic acid	C18:0	1.71	0.16
Arachidic acid	C20:0	0.24	0.02
Behenic acid	C22:0	0.17	0.02
Lignoceric acid	C24:0	0.10	0.01
P/S ratio		1.07	
n6 : n3 ratio		1.6 : 1	

PROTEIN & AMINO ACIDS

	g/100 g protein	g/100 ml
Protein source		
Sodium caseinate	86.8	5.43
Calcium caseinate	13.2	0.83
Amino acids		
- Essential		
Histidine	2.52	0.16
Isoleucine	4.47	0.28
Leucine	8.97	0.56
Lysine	7.24	0.45
Methionine	2.53	0.16
Phenylalanine	4.89	0.31
Threonine	4.17	0.26
Tryptophan	1.10	0.07
Valine	5.85	0.37
Arginine	3.35	0.21
-Non-essential		
Alanine	2.89	0.18
Aspartic acid	2.80	0.18
Cystine	0.39	0.02
Glutamic acid	11.6	0.73
Glycine	1.87	0.12
Proline	10.5	0.66
Serine	5.65	0.35
Tyrosine	5.13	0.32
Asparagine	4.27	0.27
Glutamine	9.79	0.61
Non-protein calorie: N	129 : 1	

CARBOHYDRATES

	% total carbohydrates	g/100 ml
Carbohydrate source		
Sucrose	55.1	5.84
Maltodextrin	45.0	4.77

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* eicosapentaenoic acid (EPA)
 ** gamma linolenic acid (GLA)
 *** medium-chain triglycerides (C6:0 - C12:0)