

Supportan®

High fat, high energy *tube feed*, rich in ω -3-fatty acids from fish oil and in antioxidant vitamins A, C and E for cancer patients suffering from

- Malnutrition and Cachexia
- Radiotherapy
- Chemotherapy

Features and Benefits

- High in energy (1.3 kcal /ml)
High in fat (50 Energy%) and low in carbohydrates (32 Energy%)
Rich in protein (18 Energy%)
for treating malnutrition and cachexia¹
- High in ω -3-fatty acids from fish oil (ω -6/ ω -3 ratio 2,5:1) for anti-inflammatory and anti-cachectic effects^{2,3}
- Rich in antioxidant vitamins A,C and E to counteract oxidative stress and improve immune response^{4,5}
- Addition of nucleotides to support immune function^{6,7}
- Rich in MCT• (32% of fat) for easy absorption
- Rich in fibre for healthy gut function
- 500 ml & 1000 ml EasyBag, 500 ml glass bottle



ENTERAL NUTRITION

Nutritional Information

Average content per 100 ml

Caloric value	546 kJ (= 130 kcal)
Protein (18 Energy%)	5.85 g
Carbohydrates (32 Energy%)	10.4 g
of which sugars	0.5 g
of which lactose	≤ 0.1 g
Fat (50 Energy%)	7.2 g
of which saturated fatty acids	2.8 g
of which monounsaturated fatty acids	3.3 g
of which polyunsaturated fatty acids	1.1 g
of which MCT*	2.3 g
of which EPA*	0.1 g
of which DHA**	0.07 g
of which cholesterol	≤ 5 mg
Fibre	1.33 g
Water	80.0 ml
Osmolarity	350 mosmol/l
Osmolality	450 mosmol/kg H ₂ O

Vitamins and other* nutrients:

Vit. A	200 µg	Vit. B ₆	0.16 mg
β-Carotene	130 µg	Vit. B ₁₂	0.27 µg
Vit. D	1.0 µg	Pantothenic acid	0.47 mg
Vit. E	2.7 mg	Biotin	5.0 µg
Vit. K ₁	6.7 µg	Folic acid	26.7 µg
Vit. B ₁	0.13 mg	Vit. C	8.0 mg
Vit. B ₂	0.17 mg	Choline*	26.7 mg
Nicotinamide	1.6 mg		

Minerals and trace elements:

Sodium	160 mg	Copper	130 µg
Potassium	240 mg	Manganese	0.27 mg
Chloride	160 mg	Iodide	13.3 µg
Calcium	67 mg	Fluoride	0.13 mg
Magnesium	27 mg	Chromium	6.7 µg
Phosphorus	63 mg	Molybdenum	10 µg
Iron	1.3 mg	Selenium	6.7 µg
Zinc	1.2 mg		

Carbohydrate Composition g/100 ml

Glucose	0.17	Fructose	0.03
Maltose	0.25	Saccharose	0.04
Lactose	0.04	Starch	0.32
Oligosaccharides and polysaccharides	9.57		

Fatty Acid Profile g/100 ml

Caprylic acid	1.35
Capric acid	0.90
Palmitic acid	0.27
Stearic acid	0.13
Oleic acid	2.95
Linoleic acid	0.72
α-Linolenic acid	0.09
Eicosapentaenoic acid	0.10
Docosahexaenoic acid	0.07
Other ω-3 fatty acids from fish	0.03
ω-6/ω-3 fatty acids	2.5:1

* Medium chain triglycerides, * Eicosapentaenoic acid, ** Docosahexaenoic acid

Amino Acid Pattern g/100 ml

Indispensable (essential)		Dispensable (non essential)	
Lysine	0.48	Glycine	0.14
Threonine	0.27	Alanine	0.24
Methionine	0.16	Proline	0.51
Phenylalanine	0.30	Serine	0.34
Tryptophan	0.07	Glutamic acid	0.83
Valine	0.41	Aspartic acid and Asparagine	0.48
Leucine	0.57	Total	2.54
Isoleucine	0.33		
Total	2.59		
Conditionally indispensable			
Tyrosine	0.29		
Cysteine	0.05		
Histidine	0.18		
Arginine	0.20		
Glutamine	0.38		
Total	1.10		

Ingredients

Water, maltodextrin, milk protein, vegetable oils, medium chain triglycerides (MCT), yeast extract, inulin, fish oil, minerals, oat fibre, acid regulators (E 332, E 530, E 170, E 330), starch, natural flavouring, resistant starch, emulsifiers (E 322, E 471), vitamins, choline chloride, trace elements

Prescribing Information

Food for special medical purposes:

High fat, high energy tube feed, rich in ω-3-fatty acids from fish oil, high in protein and fibre. Supplemented with antioxidant vitamins A, C and E. Gluten free and clinically free of lactose.

Intended use:

For the dietary management of patients with chronic catabolic diseases or cachexia.

Dosage:

For complete nutrition ≥ 1.5 l/day. Increase slowly when commencing tube feeding.

Important notes:

Use under medical supervision only. Monitor feeding rate. For total or supplementary nutrition. Water equilibrium should be monitored.

Storage:

Store at room temperature.

Usage guide:

Recommended tube size: ≥ FR 8 for gravity feeding, ≥ 5 for pump assisted feeding.

Do not use if bag is damaged or swollen or content is coagulated.

Shake well before use!

Contra Indications

- Not suitable where enteral feeding is not permitted-such as: gut atonia, ileus and others
- Not suitable for severe organic diseases such as: liver or renal insufficiency, severe forms of maldigestion and malabsorption
- Not suitable for congenital inability to metabolise nutrients contained in Supportan®
- Not suitable for infants < 1 year.

References:

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4. Semba, R.D.: Nutrition Reviews 56 (1): S38-S48, 1998
5. McDermott, J.H.: J. of the American Pharmaceutical Association 40: 785-799, 2000
6. Van Buren, C.T. et al: Nutrition 13 (5): 470-472, 1997
7. Grimble, G.K. et al: Current Opinion in Clinical Nutrition and Metabolic Care 4: 57-64, 2001