

Survimed® OPD

Elemental *tube feed*, high in oligopeptides, rich in MCT and fibre free for patients with malabsorption and maldigestion such as

- Chronic inflammatory bowel disease
- Short bowel syndrome
- Following long term parenteral nutrition
- Pancreatic insufficiency



Features and Benefits

- Rich in protein (18 Energy%)
- High in oligopeptides (80% of protein) for effective uptake¹
- Rich in MCT* (54% of fat) for easy absorption
- Addition of EPA* and DHA** from fish oil; Recommended ratio of ω -6/ ω -3 fatty acids of 4:1^{2,3,4} for immune function support
- Recommended ratio of vitamin C:E: β -Carotene⁵ and increased selenium for antioxidative defence support
- Fibre free
- 500 ml EasyBag & 500 ml glass bottle

E N T E R A L N U T R I T I O N

Nutritional Information

Average content per 100 ml

Caloric value	420 kJ (= 100 kcal)
Protein (18 Energy%)	4.5 g
Carbohydrates (60 Energy%)	15 g
of which sugars	0.3 g
of which lactose	≤ 0.05 g
Fat (22 Energy%)	2.4 g
of which saturated fatty acids	1.5 g
of which monounsaturated fatty acids	0.2 g
of which polyunsaturated fatty acids	0.7 g
of which MCT*	1.3 g
of which EPA* + DHA**	0.03 g
of which cholesterol	≤ 0.7 mg
Water	84 ml
Osmolarity	350 mosmol/l
Osmolality	440 mosmol/kg H ₂ O

Vitamins and other* nutrients:

Vit. A	53 µg	Vit. B ₆	0.12 mg
β-Carotene	100 µg	Vit. B ₁₂	0.2 µg
Vit. D	0.75 µg	Pantothenic acid	0.35 mg
Vit. E	1 mg	Biotin	3.75 µg
Vit. K ₁	5 µg	Folic acid	20 µg
Vit. B ₁	0.1 mg	Vit. C	5 mg
Vit. B ₂	0.13 mg	Choline*	20 mg
Niacin	1.2 mg		

Minerals and trace elements:

Sodium	133 mg	Copper	100 µg
Potassium	155 mg	Manganese	0.2 mg
Chloride	117 mg	Iodide	10 µg
Calcium	60 mg	Fluoride	0.1 mg
Magnesium	20 mg	Chromium	5 µg
Phosphorus	47 mg	Molybdenum	7.5 µg
Iron	1 mg	Selenium	5 µg
Zinc	0.9 mg		

Carbohydrate Composition g/100 ml

Glucose	0.06
Maltose	0.13
Oligosaccharides and polysaccharides	12.57
Starch	2.25

Fatty Acid Profile g/100 ml

Caprylic acid	0.75
Capric acid	0.52
Lauric acid	0.02
Myristic acid	0.01
Palmitic acid	0.12
Palmitoleic acid	0.01
Stearic acid	0.04
Oleic acid	0.23
Linoleic acid	0.52
α-Linolenic acid	0.11
Eicosapentaenoic acid	0.02
Docosahexaenoic acid	0.01
Other ω-3 fatty acids from fish	0.01
ω-6/ω-3 fatty acids	4:1

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

Amino Acid Pattern g/100 ml

Indispensable (essential)		Dispensable (non essential)	
Lysine	0.46	Glycine	0.13
Threonine	0.26	Alanine	0.29
Methionine	0.12	Proline	0.24
Phenylalanine	0.19	Serine	0.23
Tryptophan	0.06	Glutamic acid	0.70
Valine	0.28	Aspartic acid and Asparagine	0.49
Leucine	0.58	Total	2.08
Isoleucine	0.25		
Total	2.2		
Conditionally indispensable			
Tyrosine	0.20		
Cysteine	0.10		
Histidine	0.10		
Arginine	0.16		
Glutamine	0.04		
Total	0.6		

Ingredients

Water, maltodextrin, lactalbumin hydrolysate, modified starch, medium chain triglycerides (MCT), vegetable oils, minerals, acid regulators (E 332, E 500, E 530, E 170), fish oil, flavouring, vitamins, choline hydrogen tartrate, trace elements

Prescribing Information

Food for special medical purposes:

Nutritionally complete chemically defined oligopeptide diet, low molecular, residue free, readily absorbed, rich in MCT, clinically free from lactose, gluten free.

Intended use:

For the dietary management of patients with malabsorption.

Dosage:

For complete nutrition ≥ 2l/day. Increase slowly when commencing tube feeding.

Important notes:

To be used under medical supervision. Take care to control delivery 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, ≥ FR 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 in severe organic disease such as: liver or renal insufficiency
- Not suitable for congenital inability to metabolise nutrients contained in Survimed® OPD
- Not suitable for infants < 1 year.

References:

1. Zaloga GP: Nutrition in Clinical practise 1990; 5: 231-237
2. Simopoulos AP: Am J Clin Nutr 1990; 70 (suppl): 560-569
3. Gerster H: Internat J Vit Nutr Res 1998; 68: 159-173
4. Dach: Referenzwerte für die Nährstoffzufuhr, 2000
5. Biesalski et al: Clin Nutrition 1997; 16: 151-155