Fresubin® Intensive

High protein early enteral nutrition to meet the needs of critically ill patients\textsuperscript{1,2}

1.2 kcal/mL tube feed with high biological value protein (10 g/100 mL) rich in essential and branched chain amino acids to help preserve lean body mass and reduce catabolism\textsuperscript{3}

For the dietary management of patients with or at risk of malnutrition, in particular critically ill patients including trauma, surgery, sepsis or burns

100% whey protein hydrolysate, low in fat with MCT\textsuperscript{*} for improved digestion, absorption and gastro-intestinal tolerance\textsuperscript{4,5}

Modified carbohydrate profile with low glycaemic index to improve glycaemic control and to minimise blood glucose fluctuations\textsuperscript{6,7}

3g/day of EPA\textsuperscript{**} and DHA\textsuperscript{***} from fish oil and antioxidants to induce immune-enhancing effects\textsuperscript{8} and to meet the stress-induced elevated needs of critically ill patients\textsuperscript{8,9}

For Health Care Professionals only.
Fresubin Intensive

Ready to use in 500 mL EasyBag

Nutritional Information

<table>
<thead>
<tr>
<th>Average content</th>
<th>100 mL</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Energy value</strong></td>
<td></td>
</tr>
<tr>
<td>kcal</td>
<td>512</td>
</tr>
<tr>
<td>(kJ)</td>
<td>(122)</td>
</tr>
<tr>
<td>Fat (24% Energy)</td>
<td></td>
</tr>
<tr>
<td>g</td>
<td>3.2</td>
</tr>
<tr>
<td>of which saturated fatty acids</td>
<td>1.66</td>
</tr>
<tr>
<td>of which medium chain triglycerides</td>
<td>1.28</td>
</tr>
<tr>
<td>of which monounsaturated fatty acids</td>
<td>0.82</td>
</tr>
<tr>
<td>of which polyunsaturated fatty acids</td>
<td>0.72</td>
</tr>
<tr>
<td>of which EPA*** + DHA****</td>
<td>0.30</td>
</tr>
<tr>
<td>Carbohydrate (42% Energy)</td>
<td>12.9</td>
</tr>
<tr>
<td>of which lactose</td>
<td>≤0.5</td>
</tr>
<tr>
<td>Water</td>
<td>80.5</td>
</tr>
<tr>
<td>Lactose Content</td>
<td>ppm</td>
</tr>
<tr>
<td>Gluten Content ppm</td>
<td>≤0.20</td>
</tr>
<tr>
<td>Osmolality mosmol/L</td>
<td>600</td>
</tr>
<tr>
<td>Osmolality mosmol/kg H2O</td>
<td>740</td>
</tr>
</tbody>
</table>

Minerals and trace elements

- Sodium mg/mmol 175/7.6
- Potassium mg/mmol 295/7.5
- Chloride mg/mmol 160/4.5
- Calcium mg/mmol 105/2.6
- Magnesium mg/mmol 30/1.2
- Phosphorus mg/mmol 70/2.3
- Iron mg 2.0
- Zinc mg 1.5
- Copper mg 230
- Manganese mg 0.48
- Iodine µg 22.0
- Fluoride mg 0.20
- Chromium µg 11.0
- Molybdenum µg 14.0
- Selenium µg 10.5

Vitamins

- Vitamin A µg RE° 180
- of which β-Carotene µg RE° 50
- Vitamin D³ µg 2.0
- Vitamin E mg αTE** 3.0
- Vitamin K₁ µg 9.0
- Thiamine (Vitamin B₁) mg 0.23
- Riboflavin (Vitamin B₂) mg 0.24
- Niacin mg/mg NE*** 2.4/5.6
- Vitamin B₆ mg 0.27
- Vitamin B₁₂ µg 0.50
- Pantothenic acid mg 0.90
- Biotin µg 6.8
- Folic acid µg 31.5
- Vitamin C mg 22

* medium chain triglycerides **tocosapentaenoic acid ***docosahexaenoic acid ° RE: retinol equivalents; **α-TE: alpha-tocopherol equivalents; ***NE: niacin equivalents

Prescribing information

Food for special medical purposes:
Nutritionally complete, 1.2 kcal/mL; whey peptide based feed, low in fibre.
High in protein (33% energy) with MCT. Low in lactose and gluten.
For the dietary management of patients with or at risk of malnutrition in particular for patients with high protein and low to moderate energy needs.

Dosage:
To be determined by the health care professional according to patients’ needs. Recommendation for complete nutrition 1000 mL/day (1220 kcal).

Important notes:

Instructions for use:
Store at room temperature. Once opened, use within 24 hours. Shake well before use! Do not use if bag is damaged or swollen or content is coagulated. Do not mix with drugs.

Contraindications:
Not suitable whenever enteral nutrition is not permitted, such as in acute gastrointestinal bleeding, ileus and others. Use with caution in severe forms of malabsorption. Not suitable for patients with congenital inability to metabolise nutrients contained in Fresubin Intensive. Use with caution in patients with severe kidney insufficiency, depending on the patient’s tolerance of nitrogen.

Ingredients

Fresubin Intensive: Water, whey protein hydrolysate, isomaltulose°, maltodextrin, modified starch, medium chain triglycerides (MCT), fish oil, rapeseed oil, sodium chloride, calcium citrate, potassium hydrogen phosphate, potassium dihydrogen phosphate, potassium chloride, sodium phosphate, calcium chloride, potassium chloride, vitamin C, emulsifier (E 472c), stabilisers (E 460, E 466), acidity regulator (E 324), magnesium oxide, iron sulphate, zinc sulphate, vit. E, niacin, manganese chloride, pantothenic acid, vit. B₁, copper sulphate, vit. B₆, sodium fluoride, vit. B₁₂, β-carotene, vitamin A, folic acid, chromium chloride, sodium monobasic sodium sulphate, sodium bicarbonate, sodium hydroxide, vitamin K₁, vitamin D₁, vitamin D₃, vitamin D₂.

Allergen Information: This product contains whey and fish oil.
° Isomaltulose is a source of glucose and fructose.

References