



# Modulen IBD

Nutritionally complete diet for patients with Crohn's disease.

Modulen® IBD, designed for patients with Crohn's disease, can be used as the sole source of nutrition or as an oral supplement. It contains a natural anti-inflammatory growth factor, which may play a role in the dietary management of Crohn's disease.

Modulen® IBD has a pleasant, mild taste, that is well accepted orally. Modulen® IBD may also be tube fed.

### Nutritional profile

Modulen® IBD powder can be reconstituted to a variety of caloric densities. It is nutritionally balanced and complete with an energy distribution of 14% protein, 42% lipid and 44% carbohydrate.

### Ingredients

Glucose syrup, casein, sucrose, milk fat, medium chain triglycerides (MCT), corn oil, emulsifier: soya lecithin, potassium citrate, calcium phosphate, sodium citrate, calcium carbonate, magnesium chloride, acidity regulator: potassium hydroxide, potassium chloride, vitamins: C, E, niacin, pantothenic acid, B6, thiamin (B1), A, riboflavin (B2), D, folic acid, K, biotin, B12; choline bitartrate, ferrous sulphate, zinc sulphate, magnesium oxide, manganese sulphate, copper sulphate, sodium molybdate, potassium iodide, chromium chloride, sodium selenate.

### Lipid

The lipid sources are: milk fat, MCT, corn oil and soy lecithin.

26% of the total lipid is MCT oil, which is easily absorbed by patients with malabsorption and provides a readily available source of energy.

- 4.7g lipid/100kcal
- Essential fatty acids: 4.2% TEI, exceeding minimum requirements
- ω6/ω3 ratio of 11:1

### Protein

The protein is from casein that has been manufactured to retain specific growth factors naturally occurring in milk, but usually destroyed during processing.

This high quality protein helps to assure good nitrogen utilisation and may contribute to the regulation of the inflammatory response, to facilitate the remission of active Crohn's disease.

- 3.6g protein/100kcal

Modulen IBD is gluten free.

### Carbohydrate

The carbohydrate sources, corn syrup and sucrose, enhance taste and are easily absorbed.

- 11g carbohydrate/100kcal

Modulen IBD is lactose free.

### Micronutrients

Vitamin and mineral daily requirements are met in 2000 kcal.

### Residue/Fibre

Modulen® IBD is low residue.

### Osmolality/Osmolarity

- 370 mosm/kg H<sub>2</sub>O / 315 mosm/l

### Packaging

Modulen® IBD is available in 400g tins.

### Directions for use

- Use under medical supervision.
- Suitable for use as the sole source of nutrition.
- Read leaflet for preparation instructions and nutrition information.
- The addition of drugs to the product is not recommended
- Once opened, keep closed in a dry place and use within 4 weeks.
- For oral or enteral administration only. Suitable for patients over 5 years.

NUTRITIONAL COMPOSITION		per 100 ml
ENERGY	kcal	100
	kJ	420
PROTEIN	(14% TEI) g	3.6
CARBOHYDRATE	(44% TEI) g	11
FAT	(42% TEI) g	4.7
DIETARY FIBRE	g	0
Sodium	mg	35
Potassium	mg	120
Calcium	mg	91
Phosphorus	mg	61
Magnesium	mg	20
Chloride	mg	75
Iron	mg	1.1
Zinc	mg	0.96
Copper	mg	0.10
Manganese	mg	0.20
Fluoride	mg	<2.0
Chromium	µg	5.1
Molybdenum	µg	7.5
Selenium	µg	3.5
Iodine	µg	10
Vitamin A	µg RE (IU)	84 (280)
Vitamin D	µg (IU)	1.0 (40)
Vitamin E	mg α-TE (IU)	1.3 (2.0)
Vitamin K	µg	5.5
Vitamin C	mg	9.7
Thiamin (vit. B1)	mg	0.12
Riboflavin (vit. B2)	mg	0.13
Pantothenic acid	mg	0.5
Vitamin B6	mg	0.17
Vitamin B12	µg	0.32
Niacin	mg (mg NE)	1.2 (2.0)
Folic acid	µg	24
Biotin	µg	3.2
Choline	mg	7.2
Inositol	mg	4.1

TEI: Total Energy Intake

