

TwoCal Bolus

2.0 kcal/ml complete, balanced, energy dense liquid nutrition with FOS*

FOR HEALTHCARE PROFESSIONAL USE ONLY

PRESENTATION

- Presented in 200 ml (399 kcal) bottles.
- Designed specifically for bolus feeding via a feeding tube.
- TwoCal Bolus is unflavoured.

NB. There is a separate datasheet for TwoCal which is available in 1000 ml Ready to Hang (RTH) containers, for tube feeding.

NB. There is a separate datasheet for Ensure TwoCal, which is available in 200 ml bottles and four different flavours.

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.

Nutritionally complete for vitamins and minerals in 1750 ml (875 ml excluding electrolytes), calculated using the UK Reference Nutrient Intake for men aged 19-50 years).

INDICATIONS / COMMUNITY USE

For the dietary management of:

- Patients with, or at risk of developing disease-related malnutrition
- Other patients requiring a 2kcal/ml feed

Available on the GMS (General Medical Services) Scheme.

No HSE Online Application Approval required.

STORAGE

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

*fructo-oligosaccharides

DIRECTIONS FOR USE

- Ready for use. SHAKE WELL.
- 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.
- 200ml bottle will attach to all Abbott giving sets.

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).
- Not intended for use in children unless recommended by a physician or other qualified healthcare professional.
- Patients should not make any additions to the feed without consulting their pharmacist or dietitian.

CONTRA-INDICATIONS

- FOR ENTERAL USE ONLY.
- Not for use in galactosaemia.
- Suitable for people with diabetes provided that routine glucose checks are performed.

INGREDIENTS

Water, hydrolysed corn starch, **milk** proteins, vegetable oils (high oleic sunflower, soy, canola), maltodextrin, sucrose, FOS, minerals (sodium citrate, potassium chloride, magnesium phosphate dibasic, magnesium chloride, potassium citrate, ferrous sulphate, zinc sulphate, manganese sulphate, cupric sulphate, sodium molybdate, chromium chloride, sodium selenate, potassium iodide), emulsifier: **soy** lecithin, choline chloride, vitamins (C, niacinamide, calcium pantothenate, E, B₆, B₁, B₂, vitamin A palmitate, folic acid, biotin, K₁, D₃, B₁₂), taurine, l-carnitine, acidity regulator: E525.

GENERAL INFORMATION

Energy density 2.0 kcal/ml

Energy distribution:

Protein	16.8%
Carbohydrate	42.1%
Fat	40.1%
Fibre (FOS)	1.00%

Renal solute load 637 mOsm/L

Osmolarity 560 mOsm/L

Osmolality 800 mOsm/kg H₂O

Gluten free? ✓

Clinically lactose free? ✓₁

Milk free? ✗

Suitable for vegetarians? ✓₂

Suitable for Halal and Kosher diets? ✓

For suitability for other diets and free-from information, please contact the Freephone Nutrition Helpline on 1800 411 411

1. Typical lactose content: 408 mg/L.

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

TwoCal Bolus

GMS APPROVED

2.0kcal/mL complete, balanced, high energy, liquid nutrition with FOS[®] for the dietary management of catabolic and fluid restricted patients with, or at risk of developing, disease-related malnutrition.

Please see Page 9 of the compendium for *Encure TwoCal*, a sip feed.

Please see page 41 of the compendium for *TwoCal 1000ml Ready to Hang*.

NUTRITIONAL INFORMATION	UNIT	PER 100mL	PER 200mL
Energy	kJ kcal	837 200	1674 399
Protein (nitrogen)	g	8.40 (1.34)	16.8 (2.69)
Carbohydrate	g	21.0	42.0
of which sugars	g	4.65	9.30
Fat	g	8.9	17.8
of which saturates	g	0.85	1.70
Fibre	g	1	2.00
of which FOS [®]	g	1	2.00
Salt	g	0.33	0.66
VITAMINS			
Vitamin A (RE)	µg	158	316
Vitamin D ₃	µg (IU)	1.7 (68)	3.4 (136)
Vitamin E (α TE)	mg	3.4	6.8
Vitamin K ₁	µg	8.5	17
Vitamin C	mg	20	40
Folic Acid	µg	48	96
Thiamin (Vitamin B ₁)	mg	0.30	0.60
Riboflavin (Vitamin B ₂)	mg	0.29	0.58
Vitamin B ₆	mg	0.34	0.68
Vitamin B ₁₂	µg	0.64	1.28
Niacin (NE)	mg	3.4	6.8
Pantothenic Acid	mg	1.6	3.2
Biotin	µg	8.0	16.0
MINERALS			
Sodium	mg (mmol)	130 (5.65)	260 (11.30)
Potassium	mg (mmol)	200 (5.12)	400 (10.24)
Magnesium	mg (mmol)	40 (1.65)	80 (3.30)
Phosphate	mg (mmol)	120 (3.87)	240 (7.74)
Calcium	mg (mmol)	150 (3.74)	300 (7.48)
Chloride	mg (mmol)	180 (5.08)	360 (10.16)
Iron	mg	2.1	4.2
Zinc	mg	2.4	4.8
Manganese	mg	0.55	1.1
Copper	mg	0.24	0.48
Iodine	µg	16	32
Selenium	µg	9.0	18
Chromium	µg	10	20
Molybdenum	µg	16	32
Choline	mg	63	126
Taurine	mg	16	32
L-carnitine	mg	16	32
Osmolality	mOsm/kg H ₂ O		800
Osmolality	mOsm/litre		560
Water	g/100ml	70.3	140.6
Renal solute load	mOsm/litre		637
ORDER CODES			

TwoCal Bolus: **S417** (200mL)