

# **Nutritional Support During Wound Healing**

**L-Arginine:** Supports the process of wound healing, useful for conditions such as pressure ulsers, chronic wounds, non-healing surgical wounds and wounds associated with diabetes. [1] [2, 3]

Energy: To assist with wound healing. [4]

**Protein:** Essential for wound recovery. [3,4] One sachet of Enprocal Repair contains 15% of the recommended dietary intake of protein.

## Enprocal® Repair Features

- Is fortified with L-arginine (2.4g per 17.5g sachet) to provide nutritional support during wound healing.
- Is for use only under medical supervision.
- Has high levels of energy and key micronutrients, including Calcium, Zinc, Vitamins C, D, A BI, B2, B12 and folate.
- Gluten free

## **Enprocal® Repair Benefits**

- A formulated supplement
- · Addresses frailty and malnutrition
- Source of Protein, Good Source of Vitamin B12

### How to prepare Enprocal® Repair:

Shake, whisk or blend one sachet of Enprocal Repair with 150ml of your favourite juice or flavoured milk and serve chilled.

While Enprocal Repair is high in most necessary macro and micro nutrients, it is not designed for ongoing use as a supplementary food. If after six weeks, there is no improvement in the wound being treated, an alternative wound improvement strategy should be adopted.

- Shih, H.P., et al., L-arginine enhances diabetic wound healing. Journal of the American College of Surgeons, 2000. 191(4): p. S81.
- Arana, V., et al., Healing of diabetic foot ulcers in L-arginine-treated patients. Biomedicine & pharmacotherapy, 2004. 58(10): p. 588-597.
- MacKay, D.J. and A.L. Miller, Nutritional support for wound healing. Alternative medicine review, 2003. 8(4): p. 359-378.
- Wild, T., et al., Basics in nutrition and wound healing. Nutrition, 2010. 26(9): p. 862-866.

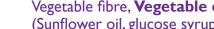




## **Nutritional Support During Wound Healing**

Nutrient	Unit	per serve (17.5g)	per 100g	% DI** or RDI^ per serve
Macronutrient Profil	e			
Energy	kJ	292.2	1669.7	3.4%
Protein, total	g	7.6	43.4	15.2%
Fat Total	g	1.8	10.3	2.6%
Saturated	g	0.7	4.0	2.8%
Trans	g	less than I	less than I	
Polyunsaturated	g	less than I	less than I	
Monounsaturated	g	less than I	5.0	
Carbohydrates	g	4.9	28.0	1.6%
Sugars	g	4.6	26.3	5.1%
Dietary Fibre	g	1.5	8.6	5.1%
Sodium	mg	29.7	169.7	1.3%
Vitamin & Mineral P	rofile			
Vitamin A	ug	90.0	514.3	12.6%
Thiamin (B1)	mg	0.2	0.9	13.6%
Riboflavin (B2)	mg	0.3	1.7	17.6%
Niacin (B3)	mg	0.6	3.3	5.7%
Pantothenic acid (B5)	ug	210.0	1200.0	4.2%
Pyridoxine (B6)	mg	0.1	0.8	9.0%
Biotin (B7)	ug	2.0	11.4	7.3%
Folate (B9)	mg	0.0	0.2	15.3%
Cyanocobalamin (B12)	ug	1.0	5.7	35.9%
Vit C	mg	10.1	57.5	25.1%
Vit D	ug	2.0	11.4	15.5%
Vit E	mg	1.0	5.8	10.2%
Calcium	mg	164.2	938.3	20.5%
lodine	ug	20.0	114.3	13.3%
Iron	mg	0.7	4.2	6.1%
Magnesium	mg	0.0	0.0	0.0%
Phosphorus	mg	66.0	377.I	6.6%
Zinc	mg	1.6	9.1	13.2%
Potassium	mg	118.4	676.3	
Amino Acid Profile				
Arginine	g	2.3	13.1	
Isoleucine	g	0.3	1.7	
Leucine	g	0.6	3.1	
Lysine	g	0.5	2.7	
Methionine	g	0.1	0.7	
Macronutrient Profile				

<sup>\*</sup>a sub group of nutrient; \*\*percentage daily intake are based on average adult diet of 8700kJ. Your daily needs may be higher or lower depending on your energy needs. ^Recommended Dietary Intake.



**Enprocal® Ingredients** 

**lecithin),** L-Arginine monohydrate, Vegetable fibre, Vegetable oil powder (Sunflower oil, glucose syrup solids, milk proteins, emulsifier 471), Vitamins and minerals (calcium carbonate, magnesium sulphate, vitamin C, zinc sulphate, ferric pyrophosphate, vitamin E, vitamin A, vitamin D, vitamin B3, vitamin B2, vitamin BI, vitamin B6, folic acid), Maltodextrin,

Whey protein concentrate (whey protein concentrate, sunflower lecithin), Milk Solids (milk solids, soy

### Serves per Pack

Sweeteners (E950, E955).

ENPROCAL REPAIR	17.5g
Serves per box	15

#### FOR BEST RESULTS ALWAYS ADD POWDER TO LIQUID

#### Storage:

Store in a cool dry environment away from direct sunlight. Refrigerate reconstituted beverage.

### **Allergens:**

Contains Milk and Soy.

Not suitable as a sole source of nutrition.

Use under medical supervision.

Not for parenteral use.



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