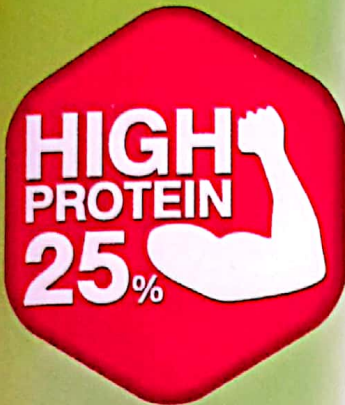




Cancer patients



Trauma, ICU and Burn Patients



# NEO-MUNE

MEDICAL FOOD FOR PATIENTS WHO NEED HIGH PROTEIN AND IMMUNONUTRITION



Surgical patients

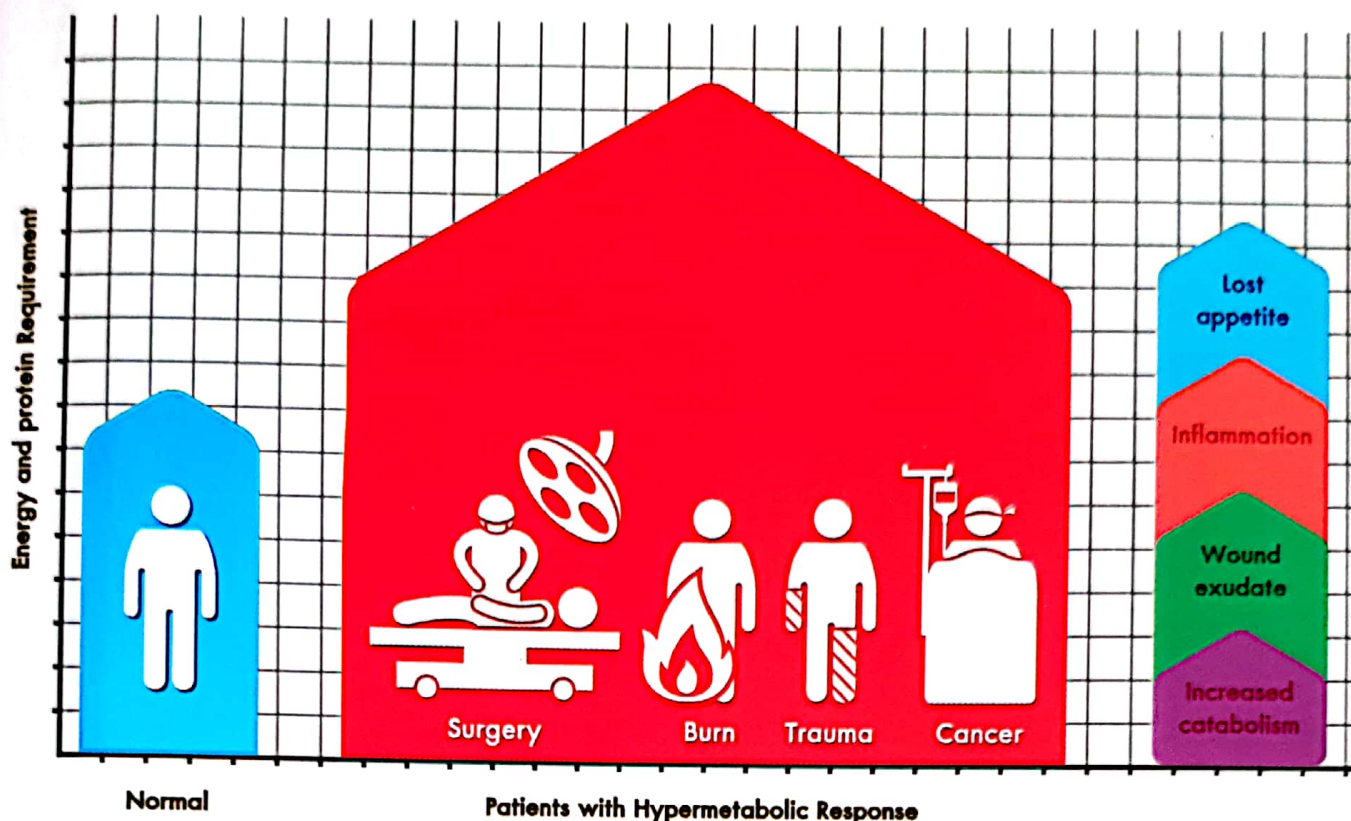


VANILLA FLAVOR  
LACTOSE FREE



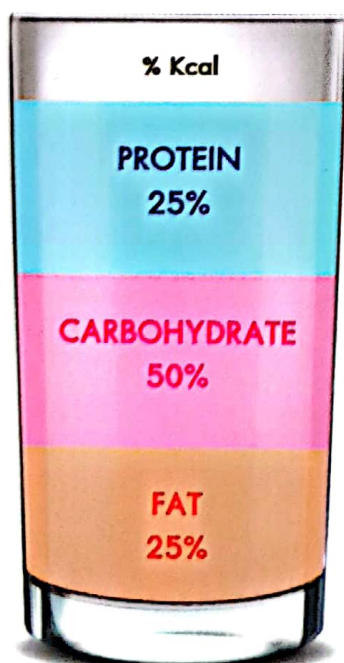
## Patients need more energy and protein during metabolic stress

Achieving requirements through food intake also supports provision of sufficient calories to meet increased energy demands during critical illness. During severe metabolic stress, protein requirements have been reported to increase from 0.8 g/kg body weight to 1.2-2 g/kg body weight.



Neo-Mune is a well-balanced, nutritionally complete diet which can be used as a sole source of nutrition or as a supplement for high stress patient such as malnourished, hypercatabolic following major surgery or trauma, burn, cancer.

## Ingredients



Ingredients	1 serving (60 g.)
Sodium caseinate Arginine Glutamine	15.642 g.
Maltodextrin Fructose Polydextrose	31.59 g.
MCT oil Corn oil Fish oil	7.248 g.

Total calories per 250ml = 254 kcal



## Role of Immunonutrition

### GLUTAMINE

- An important fuel for cells of the immune system
- Decreases the severity of mucositis induced by chemoradiotherapy
- Maintained intestinal integrity



### FISH OIL

- Provided omega-3 fatty acids (EPA, DHA)
- Anti-inflammatory Immuno-modulatory



### ARGININE

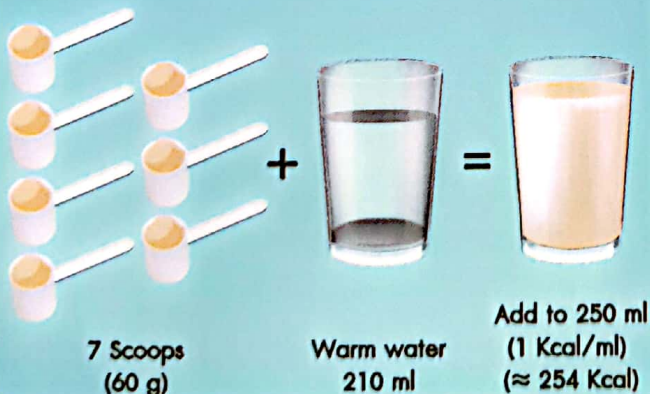
- Promoted cells of the immune system
- Promoted wound healing



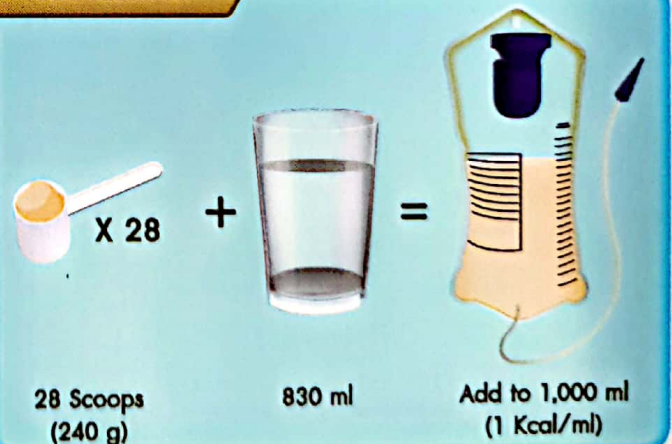
## Preparation and Administration

**Neo-Mune** should be used under medical supervision. Amount preparation of use depends on the patient requirement individually both oral supplement and tube-feeding. both oral supplement and tube-feeding. When starting the tube-feeding, the flow rate, volume and concentration are dependent on patient condition and tolerance.

### ORAL SUPPLEMENT



### TUBE FEEDING



1 scoop ≈ 8.5 g. 1 g. ≈ 4.23 kcal

### STORAGE

If reconstituted product is not used immediately, it should be refrigerate and administer within 12 hours. Close the cover lid tightly and keep in dry and cool place. Once opened. The product should be consumed within one month.



## Composition

Nutrients	Per 100 kcal	Per 100 g	Per 1 serving (60 g)
Energy, kcal	100	423.6	254.16
Protein, g	6.15	26.07	15.642
Fat, g	2.85	12.08	7.248
Carbohydrate, g	12.43	52.65	31.59
Vitamin A, IU	325.54	1379	827.4
Beta-carotene, IU	285.41	1209	725.4
Vitamin D, IU	33.99	144	86.4
Vitamin E, IU	10.25	43.4	26.04
Vitamin K1, mcg	8.5	36	21.6
Vitamin C, mg	37.58	159.2	95.52
Vitamin B1, mg	0.37	1.58	0.948
Vitamin B2, mg	0.24	1.03	0.618
Vitamin B6, mg	0.37	1.56	0.936
Vitamin B12, mcg	2.25	9.55	5.73
Pantothenic acid, mg	0.6	2.55	1.53
Niacin, mg	2.62	11.1	6.66
Folic acid, mcg	50.78	215.1	129.06
Biotin, mcg	42.26	179	107.4
Choline, mg	36.59	155	93
Calcium, mg	58.83	249.2	149.52
Phosphorus, mg	22.43	95.02	57.012
Magnesium, mg	28.05	118.8	71.28
Sodium, mg	78.49	332.5	199.5
Potassium, mg	99.32	420.7	252.42
Chloride, mg	81.82	346.6	207.96
Iron, mg	1.89	8.01	4.806
Zinc, mg	1.42	6	3.6
Copper, mg	0.14	0.61	0.366
Manganese, mg	0.19	0.8	0.48
Iodine, mcg	14.08	59.63	35.778
Carnitine, mg	9.4	39.8	23.88
Taurine, mg	10.86	46.01	27.606
Chromium, mcg	6.43	27.25	16.35
Selenium, mcg	3.42	14.5	8.7
Molybdenum, mcg	7.91	33.5	20.1

### Reference

1. Stephen A. McClave, Beth E. Tylor, Robert G. Guidelines for the Provision and Assessment of Nutrition Support Therapy in the Adult Critically Ill Patient Society of Critical Care Medicine (SCCM) and American Society for Parenteral and Enteral Nutrition (A.S.P.E.N.). J Parenter Enteral Nutr. 2016 Feb;40(2):159-211.



**Egypt Otsuka Pharmaceutical Co., S.A.E Scientific Office:**

2 Gaffar El Sadek st., from El-Tayaran st. Nasr City

Tel: (+202) 24014882 – 24015055 Fax: (+202) 24015056

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