

Improving Surgical Outcomes with IMPACT® formulas

Perioperative IMPACT® protocols benefit patients undergoing major elective surgery, regardless of nutritional status

- IMPACT® formulas provide a unique evidence-based nutrient blend (arginine, omega-3 fatty acids from fish oil, and nucleotides).
- This blend is proven to meet the unique nutritional needs of major elective surgery patients and reduce the risk of infectious complications in major elective surgery patients by 51% (p=0.00001) on average.¹⁻³



* Initiate IMPACT® tube feeding and advance to ≥ 1000 calories/day to meet nutritional needs for at least 5 days. Also available in open system.

USE UNDER MEDICAL SUPERVISION. NOT INDICATED WHEN IMMUNE SUPPRESSION IS DESIRED.

References:

1. Braga M et al. *Arch Surg* 2002;137:174-180.
2. Braga M. et al. *Surg* 2002;132:805-814.
3. Drover JW et al. *J Am Coll Surg* 2011;212(3):385-399.

For Additional Information visit: www.NestleHealthScience.us/impact
Phone: 1-800-422-ASK2 (2752)

IMPACT®

Immunonutrition Formulas



Improving Surgical Outcomes with IMPACT Advanced Recovery® Drink

FEATURES AT-A-GLANCE

kcal/mL	1.2	MCT:LCT Ratio	16:84
Caloric Distribution (% of kcal)		n6:n3 Ratio	1.2:1
Protein	35%	EPA + DHA	1.1 g/178 mL
Carbohydrate	31%	Osmolality (mOsm/kg water)	730
Fat	34%	Water	81%
Protein Source	Calcium and sodium caseinates (milk), L-arginine	HCPCS Code	B4154
Supplemental L-arginine	4.2 g/178 mL		
Dietary Nucleotides	430 mg/178 mL		
NPC:N Ratio	36:1		

Suitable for these diets:
lactose intolerance*, gluten-free, kosher, halal



- IMPACT ADVANCED RECOVERY® Drink contains a unique immunonutrient blend (arginine, omega-3 fatty acids from fish oil, nucleotides) clinically proven to support reduced rates of infection and LOS after major elective surgery^{1,2}
- Contains immune-modulating ingredients supported for peri-operative use by the 2016 Critical Care Nutrition Guidelines^{3**}
- Recommended intake of 3 cartons per day for 5 days pre-, peri- or post-operatively⁴ or as otherwise recommended by a healthcare provider

*Not for individuals with galactosemia

**This statement does not constitute an endorsement of IMPACT ADVANCED RECOVERY® Drink or any other Nestlé HealthCare Nutrition product by SCCM or A.S.P.E.N.

References: 1. Drover JW et al. JACS 2011;212(3):385-399. 2. Braga M et al. Surg 2002;132:805-814.

3. McClave SA et al. JPEN 2016;40(2):159-211. 4. Waitzberg DL et al. WJS 2006;30:1592-1604.

NUTRITIONAL APPLICATIONS

- Pre-op preparation and post-op recovery from major elective surgery:
 - Major gastrointestinal cancer surgery (esophageal, gastric, pancreatic, colon)
 - Head and neck surgery
 - Cardiac surgery
 - Bladder Cancer surgery
 - Gynecological Cancer surgery
 - Hip surgery

NOT FOR PARENTERAL USE

This product is intended for use under medical supervision. It is not intended to diagnose, treat, cure or prevent disease.

Not indicated when immune suppression is desired.

Ingredients (Vanilla) [®] _{US}

WATER, SUGAR, CALCIUM CASEINATE (MILK), SODIUM CASEINATE, L-ARGININE, REFINED FISH OIL (ANCHOVY, SARDINE) AND LESS THAN 2% OF CORN OIL, CITRIC ACID, MEDIUM CHAIN TRIGLYCERIDES, MALTODEXTRIN, NATURAL AND ARTIFICIAL FLAVOR, YEAST EXTRACT, POTASSIUM CITRATE, POTASSIUM CHLORIDE, CALCIUM PHOSPHATE, MAGNESIUM PHOSPHATE, SALT, MAGNESIUM CHLORIDE, CELLULOSE GEL, CELLULOSE GUM, CHOLINE CHLORIDE, SODIUM ASCORBATE, SUCRALOSE (SWEETENER), CARRAGEENAN, ZINC SULFATE, FERROUS SULFATE, D-ALPHA-TOCOPHEROL, NIACINAMIDE, SOYBEAN OIL, DL-ALPHA TOCOPHERYL ACETATE, CALCIUM PANTOTHENATE, COPPER GLUCONATE, MANGANESE SULFATE, VITAMIN A PALMITATE, PYRIDOXINE HYDROCHLORIDE, RIBOFLAVIN, THIAMINE HYDROCHLORIDE, BETA-CAROTENE, FOLIC ACID, POTASSIUM IODIDE, SODIUM SELENITE, SODIUM MOLYBDATE, CHROMIUM CHLORIDE, VITAMIN K¹, BIOTIN, VITAMIN D³, VITAMIN B¹²

CONTAINS: MILK INGREDIENTS

	PRODUCT NUMBER	NDC FORMAT NUMBER*	PACKAGING
IMPACT ADVANCED RECOVERY® Vanilla	4390099291	43900-0992-90	15 - 6 fl oz cartons/case

Nutrition Information	178 mL (1 Carton)	
Calories	200	kcal
Total Fat*	8	g
Sodium	200 (9)	mg (mEq)
Potassium	450 (12)	mg (mEq)
Total Carbohydrate	15	g
Protein**	18	g
Vitamin A		
Retinol	290	mcg
Beta-Carotene	575	mcg
Vitamin C	20	mg
Calcium	270	mg
Iron	4	mg
Vitamin D	3.8	mcg
Vitamin E	9.5	mg
Vitamin K	22	mcg
Thiamin	0.4	mg
Riboflavin	0.6	mg
Niacin	5.3	mg
Vitamin B ₆	0.5	mg
Folic Acid	65	mcg
Vitamin B ₁₂	0.8	mcg
Biotin	10	mcg
Pantothenic Acid	2.7	mg
Phosphorus	240	mg
Iodine	50	mcg
Magnesium	75	mg
Zinc	5	mg
Selenium	16	mcg
Copper	0.3	mg
Manganese	0.7	mg
Chromium	12	mcg
Molybdenum	15	mcg
Chloride	400 (11)	mg (mEq)
Choline	90	mg
Water	145	mL

*MCT provides 1.3 g/178 mL

**Includes 4.2 g/178 mL supplemental L-arginine

