

Decision Guide: Nutritional Supplementation Before and After Surgery

Is the major surgery* patient malnourished or at-risk of malnutrition?

- Nutrition Focused Physical Assessment: Meeting 2 of 6 criteria indicates malnutrition.¹
- Mini Nutrition Assessment (MNA[®]) for patients >65: A score of ≤ 7 indicates malnutrition.²
- Malnutrition Screening Tool (MST): Score ≥ 3 indicates High Risk of Malnutrition.³
- Nutrition Risk Screening (NRS-2002): Score ≥ 3 indicates need for nutrition support.⁴
- Body weight loss of $\geq 10\%$ in 6 months.⁵

NO

YES

**Surgical Optimization
Regardless of Nutrition Status**

**5 DAYS
BEFORE surgery**

**5 DAYS
AFTER surgery**



2 cartons /day

The unique blend of nutrients arginine, omega-3 fatty acids and dietary nucleotides found in IMPACT Advanced Recovery[®] Drink are clinically proven to help reduce the risk of post-surgical complications.^{6,7} This protocol helps both nourished and malnourished patients prepare for and manage the metabolic changes and immunosuppression associated with the immediate postoperative period after major surgery.⁶⁻¹⁸

**Surgical Optimization
Regardless of Nutrition Status**

**5 DAYS
BEFORE surgery**

**5 DAYS
AFTER surgery**



2 cartons /day

**As needed
for at least 4 -8 weeks following the
IMPACT[®] protocol**



2 bottles /day

BOOST[®] High Protein nutritional drinks provide a concentrated source of protein and additional calories for the at-risk/malnourished surgical patient, and help achieve adequate nutritional intake for all patients.^{17,18}

* IMPACT formulas have been studied in many types of major surgeries: GI Cancer, Orthopedic, Bariatric, Cardiac, Head and Neck Cancer, Bladder Cancer, Gynecological Cancer, Thoracic Cancer, and Ventral Hernia Repair
The use of IMPACT[®] formulas is not indicated when immunosuppression is desired.

Product Comparison: IMPACT Advanced Recovery® and BOOST® (per serving)

Product Name	IMPACT Advanced Recovery®	BOOST® High Protein
Serving Size	250 mL	237 mL
Calories (kcal)	280	240
kcal/mL	1.1	1.0
Protein (g), (% of kcal)	26 (37%)	20 (33)
Protein Sources	Calcium Caseinate (Milk), Sodium Caseinate (Milk), L-Arginine	Milk Protein Concentrate, Soy Protein Isolate, Calcium Caseinate (Milk), Sodium Caseinate (Milk)
L-Arginine (g)	6.3	—
Dietary Nucleotides (mg)	645	—
EPA + DHA (g)	1.65	—
Fat (g)	11	6
Total Carbohydrates (g)	20	28
Sugars (g)	18	15
Flavors	Vanilla	Very Vanilla, Rich Chocolate, Creamy Strawberry, Café Mocha
Osmolality (mOsm/kg water)	704	520
Suitable Diets	Lactose intolerance*, Gluten-free, Kosher, Halal	Lactose intolerance*, Gluten-free, Kosher

*Not for individuals with Galactosemia

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USE UNDER MEDICAL SUPERVISION.

Some products may contain common food allergens. The ingredient statement on the product label should be carefully reviewed for any patient with food allergies. Not intended as a substitute for clinical judgment or existing facility protocols.

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