

Compare the benefits of Perative® vs standard tube feeding

NUTRIENTS	PERATIVE (PER LITER)	STANDARD TUBE FEEDING (PER LITER)	PERATIVE BENEFITS
Protein	66.7 g	37.1 g	More protein – 29.5 g more; Perative provides 20.5% of calories from peptide-based protein.
Calories	1300 Cal	1060 Cal	More calories – 240 more calories per liter to meet increased energy needs.
Added Arginine	Total of 8 g/L; 2.5% of Cal	None	More arginine – Perative is supplemented with arginine, which may help promote wound healing.
Zinc	20 mg	12 mg	More zinc – 8 mg more; Perative provides 135% of the RDI per liter to help promote wound healing.
Vitamin C	260	160 mg	More vitamin C – 105 mg more; Perative provides 440% of the RDI per liter.
Vitamin A	8675 IU with 5570 IU supplied by 4.2 mg beta-carotene	2660 IU	More beta-carotene – Perative is fortified with beta-carotene, which may help support the immune system.
FOS	6.5 g	None	More FOS – Perative contains FOS prebiotics that stimulate the growth of beneficial GI bacteria (eg, bifidobacteria). FOS are fermented to SCFAs, which help create an unfavorable environment for <i>C difficile</i> in at-risk patients.

Perative demonstrates better outcomes than standard feedings

- Reduced new infection rate¹¹
- Improved immune cell function¹²
- Improved protein markers^{13, 14}
- Excellent tolerance¹⁴

Perative is a cost-effective alternative

- When choosing a specialized formula for your metabolically stressed patients, Perative is a cost-effective, therapeutic alternative to other specialized formulas such as Impact® and Crucial®.

Availability

50628	8-fl-oz cans; 24/case
51948	1000 mL prefilled containers; 8/case
57635	1500 mL prefilled containers; 6/case



Use under medical supervision

References

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Specialized Nutrition for

METABOLICALLY STRESSED PATIENTS



Perative®
Specialized Nutrition With Partially
Hydrolyzed Proteins for Metabolic Stress

Clinical issues in acute care and long-term care

- Nosocomial infections affect approximately 2 million patients in the United States each year due to:¹

- Surgery
- Trauma
- Wounds
- Multiple Fractures

- Hospital-acquired infections add an estimated \$30 billion to the nation's hospital costs each year.²
- Pressure ulcers are associated with increased medical complications, infection, and death.³
 - Every year 60,000 people die from the complications related to pressure ulcers.³
- The incidence of pressure ulcers is estimated at 15% to 25% in long-term care (LTC) facilities.⁴
- 68% of medical malpractice cases related to pressure ulcers in LTC resulted in a verdict or settlement for the resident.⁵

These patients can benefit from formulas containing nutrients that support the immune system.⁶

The role of nutrition in metabolically stressed patients

- Malnutrition is associated with impaired wound healing.⁷
- Formulas containing supplemental arginine as part of a mixed diet are associated with a significant reduction in infectious complications.⁸
- Antioxidants help reduce the production of oxygen free radicals and other proinflammatory metabolites.⁹
- Tube feeding of disease-specific formulas for 21 days or more has been associated with a decreased likelihood of developing pressure ulcers among residents on nutrition intervention.¹⁰

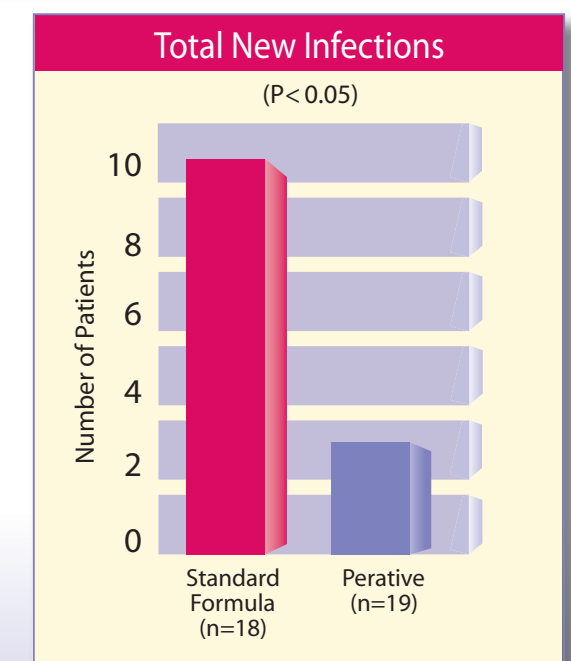
Perative® is specialized nutrition for metabolically stressed patients

Metabolically Stressed Patients Have Special Nutritional Needs	Perative is Designed for Metabolically Stressed Patients
<ul style="list-style-type: none"> Added arginine to support wound healing and the immune system 	<ul style="list-style-type: none"> Excellent source of arginine (8 g/L or 2.5% of total calories)
<ul style="list-style-type: none"> Protein to support anabolism and maintain lean body mass 	<ul style="list-style-type: none"> Excellent source of peptide-based protein for easier absorption (66.7 g/L)
<ul style="list-style-type: none"> Antioxidants to support immune function 	<ul style="list-style-type: none"> Increased levels of beta-carotene, vitamins C and E
<ul style="list-style-type: none"> A calorically dense diet to address volume tolerance limitations and to provide 24 key vitamins and minerals 	<ul style="list-style-type: none"> High-calorie formula (1.3 Cal/mL); meets 100% of the RDI for 24 key vitamins and minerals in 1500 Calories (1155 mL)
<ul style="list-style-type: none"> Short-chain FOS (Fructooligosaccharides) to stimulate the growth of beneficial GI bacteria 	<ul style="list-style-type: none"> Contains NutraFlora® FOS (6.5 g/L) to help support digestive-tract health and help inhibit the growth of <i>C difficile</i> in the intestine*
<ul style="list-style-type: none"> Zinc to support less susceptibility to infection 	<ul style="list-style-type: none"> Provides 135% of the RDI per liter to help promote wound healing and decrease susceptibility to infection

Study demonstrates the effectiveness of Perative¹¹

Better outcomes than other standard formulas

- In a prospective, randomized controlled trial, 41 trauma patients who were fed Perative, compared to a standard formula for up to 10 days, had a reduced incidence of new infections compared to a control group fed a standard formula.¹¹
- Incidence of infection was similar at study entry.



* When fed to patients at a minimum volume of 10 g of FOD/day.