Pediatric Patients in the ICU are at Risk for Malnutrition Regardless of Underlying Critical Illness¹

Malnutrition in Hospitalized Patients Results in Poorer Outcomes and Higher Treatment Costs²



Almost 50% of all patients are malnourished at the time of hospital admission³



4 to 6 days longer hospital length of stay^{4,5}



54% higher likelihood of hospital 30-day readmissions⁶



Up to 300% increase in hospital costs⁵

Clinical Value of RELIZORB^{7,8}

- The only FDA-cleared digestive enzyme product to hydrolyze fats in enteral nutrition
- Clinical evidence in enterally fed patients
- Designed for continuous feeding
- Allows use of low-cost enteral formulas



RELiZORB is a first-of-its-kind digestive enzyme cartridge designed to mimic the function of pancreatic lipase. RELiZORB is indicated for use in pediatric patients (ages 5 years and above) and adult patients to hydrolyze fats in enteral formula.

Characterized by a deficiency in pancreatic enzymes—(including lipase, the enzyme responsible for fat digestion)—exocrine pancreatic insufficiency (EPI) can lead to significant malnutrition and fat malabsorption⁹

Conditions commonly associated with fat malabsorption¹⁰:

- Cystic fibrosis
- Acute or chronic pancreatitis
- Pancreatic cancer or other cancers
- Pancreatectomy
- Short bowel syndrome

More than 50% of critically ill patients without pre-existing pancreatic diseases have EPI 9,11 – including those with:

- Abdominal surgery
- Chronic liver disease
- Trauma/critical care
- Crohn's disease
- Celiac disease

Fat malabsorption is associated with poor outcomes that can impact digestive symptoms, nutritional status, physical functioning, treatment burden, body image, and pain¹²⁻¹⁴

Consider RELiZORB in Your Pediatric ICU Patients Ages 5 and Older Who Require Nutritional Support



Meet Carter*

A 6-year-old boy admitted to the pediatric ICU after presenting with tachycardia, fever, and seizures.

*Fictional patient based on actual patient experience. The information presented is for illustrative purposes only, and not intended, nor implied, to be a substitute for professional medical advice. Individual patient profiles may vary.

Clinical Presentation

- Heart rate 124 bpm
- Respiration rate 32 breaths/min
- Temperature 103.2°F
- Blood pressure 95/60 mmHg
- Significant lethargy

Relevant History

- Spina bifida
- Tracheostomy and gastric tube dependent
- Gastroesophageal reflux disease
- Neurogenic bowel
- Vocal cord paralysis
- Milk protein enteropathy

Diagnosis

- Sepsis
- Hypoxic ischemic brain injury

Treatment

- Total parenteral nutrition was initiated upon admission due to the patient's inability to tolerate enteral nutrition
- The patient was transitioned to full enteral feedings 2 weeks into admission, but developed frequent large loose stools, which continued despite the addition of fiber supplementation
- RELiZORB was initiated after 3 days of fiber supplementation
- Within 2 days, stool frequency reduced from more than 10 per day to 2-4 per day; RELiZORB was discontinued
- The patient experienced another dramatic increase in stool output within 16 hours; RELiZORB was reinitiated and stool output decreased 48 hours later to 2-4 per day
- RELiZORB was continued upon discharge

RELIZORB is for use with enteral feeding only; do not connect to intravenous or other medical tubing. Medications should not be administered through RELIZORB. Please see Instructions For Use for full safety information at www.relizorb.com.

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