

RICOCHET

Optimize Your Outcome



RICOCHET is immunonutrition **scientifically formulated** to decrease the adverse effects of Chemotherapy and Radiation treatments.

In a meta-analysis of 681 patients immunonutrition decreased the incidence of Graft-versus-host disease (GVHD) in Bone Marrow Transplant patients by **19%**¹

Glutamine supplementation demonstrated a significant reduction in Vincristine induced sensory neuropathy and a significant increase in self-reported quality of life scores in a RCT of patients newly diagnosed with a childhood malignancy.²

Immunonutrition improved functional capacities in Head & Neck and esophageal cancer patients undergoing radiochemotherapy.³ This RCT demonstrated patients with immunonutrition had:

- Significant gain in total body weight
- Improvement in Albuminemia
- Improvement in NRI (nutritional risk index)
- Improvement in plasma antioxidant capacity



In a RCT patients undergoing neoadjuvant chemotherapy for esophageal cancer randomly received ω -3-rich enteral nutrition.⁴ This study showed:

- ω -3-rich EN support decreased the frequency of chemotherapy-induced mucosal toxicities, such as stomatitis and diarrhea, and exhibited a hepatoprotective effect during chemotherapy, compared with the ω -3-poor EN support.



Use under physician supervision

1. KataH, Chanberlain RS. Immunonutrition Is Associated With a Decreased Incidence of Graft-Versus-Host Disease in Bone Marrow Transplant Recipients: A Meta-Analysis. JPEN J Parenter Enteral Nutr. 2016 Aug 8. 2. Sands S et al. Glutamine for the treatment of vincristine-induced neuropathy in children and adolescents with cancer. Care Cancer. 2016 Nov 9. [Epub ahead of print]3. Vasson MP et al. Immunonutrition improves functional capacities in head and neck and esophageal cancer patients undergoing radiochemotherapy: a randomized clinical trial. Clin Nutr. 2014 Apr;33(2):204-10. 4. Miyata H, et al. Randomized study of the clinical effects of ω -3 fatty acid-containing enteral nutrition support during neoadjuvant chemotherapy on chemotherapy-related toxicity in patients with esophageal cancer. Nutrition. 2016 Jul 25. pii: S0899-9007(16)30124-1.