*Breast Cancer*

In 1992, research showed, for the first time with direct evidence, that, “a single amino acid can modulate the behaviour of a human cancer.” The paper, [“Stimulation of human breast cancers by dietary L-arginine,”](https://portlandpress.com/clinsci/article-abstract/82/4/413/75657/Stimulation-of-human-breast-cancers-by-dietary-l?redirectedFrom=fulltext) appeared in the journal *Clinical Science*.

[More recently, breast cancer reconstructive patients saw improved outcomes when immunonutrition was used preoperatively.](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC7553549/) Aggregate wound complication rates were lower in the patients in the experimental group. Notably, “the rate of mastectomy skin flap necrosis was reduced from 24.53% to 8.47%.” This study, “Impact of Preoperative Immunonutrition on Outcomes of Immediate Breast Reconstruction,” utilized IMPACT Advanced Recovery®, an immunonutrition product which includes, among other ingredients, L-arginine.