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Electrolyte-free Parenteral Nutrition Emulsion

National Cancer Institute

Source

National Cancer Institute. *Electrolyte-free Parenteral Nutrition Emulsion*. NCI Thesaurus. Code C97255.

An electrolyte-free emulsion for infusion consisting of a three chamber bag system containing glucose, amino acids and lipids that can be used to provide parenteral nutritional supplementation. The lipid emulsion portion contains soybean oil, medium-chain triglycerides, olive oil and fish oil; the amino acid solution contains alanine, arginine, glycine, histidine, leucine, isoleucine, lysine, methionine, phenylalanine, proline, serine, taurine, threonine, tryptophan, tyrosine, and valine. The electrolyte-free parenteral nutrition emulsion contains no electrolytes, trace elements and vitamins. The three separate bags containing glucose, amino acids and lipids are mixed together before infusion.