



## Advances of Parenteral Nutrition

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### Message from the Guest Editor

Dear Colleagues,

Parenteral nutrition (PN), one of the main advances of modern medicine, offers a life-sustaining option in situations where impaired gastrointestinal function prevents adequate oral or enteral nutrition. PN is a lifesaving therapy for patients suffering from intestinal insufficiency and short bowel syndrome (SBS) who need this treatment throughout their lives.

Several consensus recommendations have delineated appropriate PN use criteria, promoting clinical benefits and minimizing potential risks. Over the years, nutritional mixtures have been progressively improved in their composition, with the possibility of personalizing the nutritional support according to nutritional requirement, and type of disease, choosing the best macronutrient combinations (e.g., omega-3 lipid emulsions, glutamine, branched chain amino acids, etc.). Moreover, the possibility of studying body composition allows a better follow-up of patients' improvement.

Prof. Dr. Lidia Santarpia  
*Guest Editor*





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