Nutritional and Metabolic Support in Haematological Malignancies and Haematopoietic Stem-cell Transplantation

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Essay titles

1. Mucositis of the gastrointestinal tract represents one of the main indications for artificial nutrition in patients undergoing chemotherapy for haematological malignancies. What are the consequences and implications of such a severe complication if not adequately prevented and treated? Describe the possible negative impact of malnutrition in patients with haematological disorders.

2. Lipid substrates are not only utilised for energy production, but may have an influence on some biological functions, such as inflammation, via their conversion in leukotrienes, prostanoids, and thromboxanes. Describe which lipid substrates are more clearly implicated in increased inflammatory response, and which lipid compounds might play an anti-inflammatory role. Discuss the potential for the use of different lipid substrates in patients with haematological malignancies and HSCT.