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Case of older adult with acute cholecystitis successfully treated with novel enteral formula named Oxypa™

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Aim: To report our experience to treat with novel enteral formula named Oxypa™

Case Report: An 80 year-old female reported with chief complaint of septic shock and her general status on admission was high temperature of 38.9 oC on admission. She has then developed respiratory failure which had required artificial respiratory support and bleeding tendency with increased PT-INR (prothrombin time-international normalized ratio; 3.0). On day of admission, she has had percutaneous trans-hepatic gallbladder drainage (PTGBD) placement to relieve her extended intra-cystic pressure. Moreover, she has developed acute renal failure and septic endotoxin shock which was treated renal replacement therapy (RRT) with simultaneous endotoxin adsorption therapy. After her circulatory stabilization, medical nutrition therapy (MNT) via enteral route could be considered and a novel enteral formula named Oxypa™ was initiated and continued for consecutive 5 days. Here, Oxypa™ is recommended to administer to relieve septic shock because it consists of 1300 mg of n-3 fatty acids, 1100 mg of γ -linolenic acid and 0% arginine/can. She could have recovered from septic shock with MNT using Oxypa™.

Discussion: The novel enteral nutritional formula named Oxypa™ might have impact on clinical outcome, especially critically ill status likely septic shock. However, as the literature to examine the impact of novel formulae is limited, further investigation must be conducted.

Conclusion: A case of older female with acute cholecystitis successfully treated by novel enteral formula named Oxypa™ was reported.

Biography

Daizo Saito has learned Nutritional Science in Nayoro City University in Hokkaido and has completed Program of Health Sciences, Graduate School of Psychological and Physical Science from Aichigakuin University. He is working as Clinical Dietitian in ICU since 2012 and is currently investigating enteral nutrition in critically ill patients.

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