

1. Rozhl Chir. 2010 Aug;89(8):518-21.

[Selenium supplementation in patients with severe acute pancreatitis].

[Article in Slovak]

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Abstract

Selenium supplementation improves antioxidant status in critically ill patients with severe acute pancreatitis. It depends on quantum of dosage and supplementation time. The aim of this analysis is point out on benefit of antioxidant therapy by supplementing selenium. Methods: Patient with severe acute pancreatitis and developing septic shock was admitted on anesthesiology and intensive care department. Adjuvant supplementation therapy with selenium was started in continual infusion 750 mg/24 h during next six days. **Activity of antioxidant enzyme glutathione peroxidase and others inflammatory markers were decrease.** A case report presents the possibility to affect on systemic inflammatory response syndrome pathogenesis in initial phase. It has to improve therapeutic progress in patients with severe acute pancreatitis.

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