

The importance of the timing of surgery in infected severe acute pancreatitis

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Abstract

The management in severe acute pancreatitis evolved in the last two decades. Consulting the literature and the accumulated clinical experience manage to the release of this study based on the comparison of the treatment in PAS between two distinct periods: 1994-1999 (retrospective) and 2000-2007 (prospective). Among the 285 patients whit PAS admitted and treated in the two departments, 224 (78.6%) was submitted to the surgical intervention with various surgical indications. There is an obvious difference between the retrospective and prospective studies concerning the indication of surgery and mostly the timing for surgery. The lots were analyzed concerning the etiology, management of treatments and specific treatments, and the timing of the surgical intervention was analyzed based on the specific etiologic treatment and the period of time between the admission and the first surgical intervention, the mark being the 21 day according with the recommendations of the International Association of Pancreatology. There were analyzed: the period of time between the onset of the disease and the surgical intervention, the status of the patients at the surgical moment, the global mortality based on the timing of surgery, the evolution of the management of PAS along the period of the research, comparisons whit the literature. The registered data were statistically processed using the SPSS test version 17 for Windows.

Key words: surgical timing, severe acute pancreatitis, infected necrosis, pancreatic abscess, necrosectomy

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