

Relative Analysis of Effectiveness Algorithms of Radiodiagnosis at the Abdominal Trauma

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Abstract

The analysis of radiodiagnosis of 61 patients with abdominal trauma arrived in Kavalerovo central district hospital and Vladivostok clinical hospital № 2 during 2011–2015 is carried out. To survey victims applied two algorithms – the first using abdominal plan radiography and ultrasound investigation, the second algorithm included ultrasound and multidetector computer tomography. Comparison of the results showed, what using first algorithm given higher percentage of diagnostic mistake, as a result 17,9 % of patients underwent unavailing surgery. The second algorithm allowed avoid unavailing laparotomy, complications and unfavorable outcome.

Key words: Abdominal Plan Radiography, Ultrasound Investigation, Multidetector Computer Tomography, Blunt Trauma, Abdominal Stab Wounds.

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