

EFFECTS OF DISEASES WITH STRUCTURAL LIVER CHANGES ON BLUNT-FORCE LIVER INJURIES

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The effect of different liver diseases on vulnerability of the liver tissue to blunt force injuries are often questioned and debated in forensic situations. We present the preliminary results of an examination of liver samples from autopsies: vulnerability to quasi-static blunt-force of 75 liver samples were examined with a tool uniquely designed for this research. The results show slight decrease of average vulnerability values in steatosis and large decrease of average vulnerability values in cirrhosis. Significant decrease in vulnerability (increased resistance to blunt-force) was proven in case of cirrhosis and infiltrative liver diseases.

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