

Emergency laparoscopy combined with radiofrequency ablation for hemostasis after percutaneous liver biopsy

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Abstract

There are no data in the literature on the use of radio-frequency ablation (RFA) in emergency laparoscopy as a means of hemostasis after liver biopsy. In this case report we have described a case of a patient with Waldenstrom macroglobulinemia and hypervascularised hepatic tumor who developed severe hepatic bleeding after liver biopsy. Innovative, minimally invasive treatment consisted in a laparoscopic approach with introduction of RFA needle into the biopsy site, followed by immediate hemostasis with no complications. Laparoscopic surgery with RFA avoids unnecessary laparotomy in case of severe bleeding from a known source. It is therefore the optimal choice, even in patients for whom percutaneous biopsy would be a high-risk procedure.

Key words: Laparoscopy, Emergency, Radiofrequency, Liver biopsy, Bleeding

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