Antibiotics combined with Xuebaibing injection for the treatment of 132 cases with bacterial liver abscess

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View from specialist: It is creative, and of certain scientific and educational value.

[ABSTRACT] Objective: To investigate the efficacy of antibiotics combined with Xuebaibing injection for the patients with bacterial liver abscess. Methods: 132 patients with bacterial liver abscess were randomly divided into the observation groups (66 cases) and the control groups (66 cases). The control group was given antibiotics after underwent percutaneous transluminal aspiration treatment while the observation group was given Xuebaibing injection based on the control groups. The liver function, blood routine, cytokine levels and the disappearance time of the clinical symptoms in the patients of two groups before and after treatment were determined and compared. Results: The white blood cell count and liver function indexes of ALT, AST and TBIL in the observations after treatment group were significantly lower than that of before treatment and the control groups (P<0.05). The average time of the temperature, liver function and blood routine return to normal and clinical symptoms disappearance in the observation groups were significantly shorter than that in the control groups (P<0.05). The level of IL-6, TNF-α in the observation groups were significantly lower than that of before treatment and the control group (P<0.05). The levels of CD4+ and CD8+ levels and CD4+/CD8+ in observation groups were significantly higher than that of the control groups (P<0.05). Conclusions: Antibiotics combined with Xuebaibing injection could significantly improve the blood routine, liver function and shorten the disappearing time of clinical symptoms of bacterial liver abscess patients. The curative effect and the ability of anti infection and on the release function of inhibiting inflammatory mediators.

[KEY WORDS] Antibiotics; Cytokines; Xuebaibing injection; Bacterial liver abscess