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人工肝血浆置换治疗重型肝炎30例

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Plasma Exchange of Artificial Liver Support Systems on 30 Cases of Severe Hepatitis

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摘要 对湘西自治州人民医院30例重型肝炎在常规治疗同时,联合应用人工肝单纯血浆置换治疗,共置换51例次.观察其疗效,将治疗前后肝功能、血氨、凝血酶原时间、血小板计数等用统计学进行了分析,研究了人工肝血浆置换治疗重型肝炎的价值.结果表明:经血浆置换后,该30例重型肝炎的肝功能明显改善, TBIL, DBIL, ALT, AST、血氨等均有明显下降,凝血酶原时间及血小板计数均明显改善.血浆置换治疗法在抢救重型肝炎中有重大价值,是治疗重型肝炎的有效手段.

关键词: 人工肝 血浆置换 重型肝炎

Abstract: To evaluate plasma exchange of Artificial Liver Support Systems (abbreviated to ALSS) on Severe Hepatitis (abbreviated to SH).Method 30 patients with SH were estimated,undergoing plasma exchange of ALSS 51 times on the base of routine treatment.Analyze statistically the changes of their hepatic function,serum ammonia,prothrombin time (abbreviated to PT),platelet count (abbreviated to PC),etc.,before and after the therapy.Compare the cases to 31 controlled ones with SH who didn't receive ALSS before this technology being applied in our hospital two years ago.Result After the plasma exchange,the 30 cases got better hepatic function obviously.Many indexes were markedly improved,such as TBIL,DBIL,ALT,AST,serum ammonia,PT,PC and so on.Statistics analysis of them by U-test indicates remarkable contrast before and after the treatment (P<0.001).Meanwhile,it suggests significant differences between the two groups by performing x²-test for clinical curative rate,mending rate,and mortality rate (P<0.025).Conclusion Plasma exchange on SH shows distinct shortdated therapeuticeffect.It can quickly eliminate excessive TBIL,ammonia etc.Coagulation factors reinforced betimes,thus bleeding tendency ameliorated soon.Mortality rate descended notably.Plasma exchange of ALSS is an important and effective measure and means great value on saving patients with SH.

Key words: artificial liver support systems plasma exchange severe hepatitis

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