

عنوان مقاله:

Artificial colloids versus human albumin for the treatment of ovarian hyperstimulation syndrome: A retrospective cohort study

محل انتشار:

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خلاصه مقاله:

Background: The optimal colloid solution for the treatment of ovarian hyperstimulation syndrome (OHSS) remains to be established. Objective: We aimed to compare artificial colloids (AC) with human albumin (HA) for the treatment of OHSS. Materials and Methods: In this retrospective cohort study, data for OHSS participants were collected from a national inpatient database in Japan. The participants received intravenous fluid management with AC (n = 156) or HA (n = 127). We compared the twogroups in terms of the length of stay, development of post-treatment complications, and termination surgery. Results: In multivariable linear regression analyses for log-transformed length of stay with reference to the OHSS participants receiving AC, the regression coefficient (95% confidence interval) in participants receiving HA was 0.03 (-0.04-0.09, p = 0.42). Thromboembolism occurred in two participants in the HA group and three participants in the AC group. Two participants in the HA group suffered renal failure during hospitalization. No participants underwent termination surgery in the two groups. Conclusions: The present results showed comparable efficacy between AC and HA for the treatment of OHSS. There were no significant differences in .post-treatment complications between the two groups

کلمات کلیدی:

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