Effect of plasmin combined with low molecular weight heparin sodium on diabetic nephropathy

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

[ABSTRACT] Objective: To study the effect of plasmin combined with low molecular weight heparin sodium on diabetic nephropathy. Methods: A total of 64 patients with diabetic nephropathy were divided to two groups: treatment group with 32 patients and control group with 32 patients. Conventional treatment and low molecular weight heparin sodium 4 250 IU/d were used in control group; while intravenous injection of plasmin 200 U was also used once a day in treatment group for two weeks. 24-hour-urine protein, Fib, BUN and Scr of two groups were compared. Results: After treatment, the 24-hour-urine protein, Fib, BUN and Scr of two groups were decreased significantly (P<0.01) the decrease was more significant in treatment group (P<0.05). Conclusions: Plasmin combined with low molecular heparin sodium is effective in the treatment of diabetic nephropathy. It is of high security, and is worthy of clinical application.

[KEY WORDS] Diabetic nephropathy; Plasmin; Low molecular weight heparin sodium