

论著

超声引导下肾囊内注射甲基强的松龙治疗肾小球肾炎

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摘要

目的: 探讨超声引导下肾脂肪囊内注射甲基强的松龙治疗原发性肾小球肾炎的临床价值。方法: 对30例原发性肾小球肾炎的患者在超声引导下肾脂肪囊内注射甲基强的松龙, 注药前后分别测定其24 h尿蛋白、血清总蛋白、血清白蛋白、尿量、血清肌酐。计算肾脂肪囊注药的成功率, 比较注药前后各项检验指标有无变化。结果: 肾脂肪囊厚度 ≥ 5 mm者成功率96.3%(314/326); 肾脂肪囊厚度 < 5 mm者成功率77.4%(212/274), 两者比较差异有统计学意义($P < 0.01$)。穿刺并发症主要有穿刺部位疼痛、肾周血肿等。注药后24 h尿蛋白定量有明显下降($P < 0.05$); 而血清总蛋白、白蛋白均有明显升高($P < 0.05$); 尿量、血清肌酐无明显变化($P > 0.05$)。结论: 超声引导下肾脂肪囊内注射甲基强的松龙成功率高, 疗效好, 是糖皮质激素治疗原发性肾小球肾炎的一种有效的用药方法。

关键词 [介入性超声](#); [肾脂肪囊](#); [原发性肾小球肾炎](#); [甲基强的松龙](#)

分类号

Ultrasound-guided renal intracapsular injection of methylprednisolone for primary glomerulonephritis

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Abstract

Objective To evaluate ultrasound-guided renal intracapsular injection of methylprednisolone for primary glomerulonephritis. Methods Thirty patients with primary glomerulonephritis were performed intra-renal adipose capsule injection therapy under ultrasound guidance. The 24 hour urinary protein, plasma total protein, plasma albumin, urine volume, and serum creatinine were measured before and after the treatment. Results The injection success rate was 96.3%(314/326) in patients whose width of perinephric adipose capsule was ≥ 5 mm. The injection success rate was 77.4%(212/274) in patients whose width of perinephric adipose capsule was < 5 mm ($P < 0.01$). The complications included pain, perirenal hematoma, and so on. The 24 hour urinary protein after the treatment was lower than before the treatment ($P < 0.05$). The plasma total protein and plasma albumin were higher than before the treatment ($P < 0.05$). The urine volume and serum creatinine were unchanged ($P > 0.05$). Conclusion Intra-renal adipose capsule injection under ultrasound guidance has a high success rate and good effect, and is effective to treat primary glomerulonephritis with glucocorticoid.

Key words [ultrasonography](#) [interventional](#); [perinephric adipose capsule](#); [primary glomerulonephritis](#); [methylprednisolone](#)

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