

[1]迟雁青,林海英,张涛,等.肾炎四味片可减轻5/6肾切除大鼠的肾脏纤维化[J].第三军医大学学报,2013,35(02):127-131.

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肾炎四味片可减轻5/6肾切除大鼠的肾脏纤维化(PDF)

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Title: Shenyansiwei Tablet alleviates renal fibrosis in 5/6 subtotal nephrectomized rats

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关键词: [肾炎四味片](#); [肾切除术](#); [大鼠](#); [肾纤维化](#); [核转录因子κB](#); [转化生长因子B1](#)

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摘要: **目的** 观察肾炎四味片对5/6肾切除大鼠肾组织核转录因子-κB(NF-κB)、转化生长因子-B1(TGF-B1)表达的影响。 **方法** 24只Wistar大鼠分成4组:假手术组、模型组、干预组、空白对照组。肾切除术后3 d,各组予生理盐水2 mL灌胃,干预组、空白对照组加入肾炎四味片2.16 g/(kg·d)灌胃,术后第90天处死大鼠。Real-Time PCR和Western blot分别测定各组大鼠肾脏组织中NF-κB、TGF-B1的mRNA和蛋白表达水平。免疫组化检测各组NF-κB、TGF-B1、ColⅢ的表达。 **结果** 与假手术组比较,模型组的NF-κB、TGF-B1的mRNA和蛋白水平表达增强,差异具有统计学意义($P<0.05$),干预组高于假手术组($P<0.05$),低于模型组($P<0.05$);免疫组化结果类似。 **结论** 肾炎四味片可能通过下调NF-κB、TGF-B1的mRNA和蛋白的表达发挥延缓肾脏纤维化的作用。

Abstract: **Objective** To observed the effect of Shenyansiwei Tablet, a drug based on a prescription of traditional Chinese drugs, on the expression of NF-κB and TGF-B1 in 5/6 subtotal nephrectomized rats. **Methods** A total of 24 male Wistar rats were randomly divided into 4 groups, sham-operation group (group A), subtotal nephrectomy (STN) group(group B), STN with Shenyansiwei Tablet treatment group (group C), and normal rats with Shenyansiwei Tablet treatment group (group D). The rats of the 2 later groups were intragastrically administrated with 2.16 g/ (kg·d) Shenyansiwei Tablet since 3 d after STN operation for 90 d.

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Pathological changes in the renal tissues were observed with HE, Masson and PAS staining. The expression of NF- κ B, TGF- β 1 and Col III in the renal tissues was detected by immunohistochemical assay. The expression levels of NF- κ B and TGF- β 1 in the renal tissues was measured by real-time PCR and Western blotting.

Results The expression of NF- κ B and TGF- β 1 at protein and mRNA levels was significantly higher in group B than in group A ($P < 0.05$). The expression levels in group C was significantly higher than those in group A ($P < 0.05$), but lower than in group B ($P < 0.05$). Immunohistochemical assay indicated similar results.

Conclusion Shenyansiwei Tablet prevents renal fibrosis in 5/6 subtotal nephrectomized rats by down-regulating NF- κ B and TGF- β 1.

参考文献/REFERENCES:

迟雁青, 林海英, 张涛, 等. 肾炎四味片可减轻5/6肾切除大鼠的肾脏纤维化[J]. 第三军医大学学报, 2013, 35(2): 127-131.

相似文献/REFERENCES:

[1] 朱方强, 江军, 靳凤烁, 等. 后腹腔镜根治性肾癌切除术与传统开放手术的比较[J]. 第三军医大学学报, 2006, 28(13): 1427.

[2] 陈锦, 叶锦, 江军. 腹腔镜肾癌根治性切除术护理体会[J]. 第三军医大学学报, 2005, 27(03): 262.