

论著

## 喘可治注射液抑制小鼠变应性接触性皮炎的实验研究

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**摘要** 目的: 探讨中药喘可治注射液抑制小鼠变应性接触性皮炎(IV型变态反应)的效果。方法: 将小鼠按给药不同分为喘可治注射液高、中、低剂量组, 地塞米松(DEX)组, 苯海拉明及生理盐水组, 利用2, 4-二硝基氟苯诱发的小鼠左耳变应性接触性皮炎的动物模型, 各组于第0 d、1 d致敏前2 h, 第2 d和第5 d诱发前2 h及诱发后6 h腹腔注射给药, 通过测量左耳厚度差、左耳重量差, 体重差及观察左耳病理改变, 比较不同剂量喘可治注射液之间以及与对照组之间的疗效。结果: 喘可治注射液高、中、低剂量和DEX组小鼠左耳厚度及重量的增加, 浸润的单核细胞和中性粒细胞的数量均明显低于生理盐水组(P<0.01); DEX组小鼠左耳红肿的程度虽稍低于喘可治组, 但小鼠体重差与其它组比较均有显著差异(P<0.01); 苯海拉明组小鼠变应性接触性皮炎的程度与生理盐水组差异无显著。结论: 喘可治注射液具有明显抑制小鼠变应性接触性皮炎的作用。

**关键词** [超敏反应,迟发型](#); [皮炎,变应性接触性](#); [喘可治](#)

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## Suppressive effect of Chuankezhi (CKZ) injection on murine allergic contact dermatitis

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### Abstract

<FONT face=Verdana>AIM: To study the suppressive effect of chuankezhi (CKZ) injection, a Chinese medicine, on murine allergic contact dermatitis (type IV hypersensitivity). METHODS: Mice were divided into 6 groups according to different medicine treatments: CKZ high, middle, low dose (CKZ I, II, III) groups, dexamethasone(DEX), benadryl and saline groups. Murine allergic contact dermatitis was induced by intraperitoneal injection of 2, 4-dinitrofluorobenzene. Different medicines were administrated at 2 h before sensitization on day 0 and day 1, day 2, 2 h before elicitation and 6 h after on day 5. The six experimental groups were compared according to left ear thickness difference (S1), left ear weight difference (S2), body weight difference (S3) and dermal inflammatory infiltration cell number. RESULTS: Compared with saline group, the left ear swelling and dermal inflammatory infiltration cell number were significantly reduced in CKZ I, II, III and DEX groups (P<0.01). The S1, S2 implied better effects of DEX treatment, however, the body weight difference in DEX group was significantly less than the other groups (P<0.01). The above parameters in benadryl group had no significant difference with saline group. CONCLUSION: CKZ can significantly suppress murine allergic contact dermatitis. </FONT>

**Key words** [Hypersensitivity](#) [delayed](#) [Dermatitis](#) [allergic contact](#) [Chuankezhi](#)

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