

## 平敏冲剂治疗慢性湿疹及其对患者血清中TNF-2 $\alpha$ ,sIL-2R和ECP水平的影响

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**中文摘要:**目的: 观察平敏冲剂对慢性湿疹患者的疗效及其对血清肿瘤坏死因子2 $\alpha$ (TNF-2 $\alpha$ )、可溶性白细胞介素2受体(sIL-2R)、嗜酸细胞阳离子蛋白(ECP)水平的影响。方法: 将71例慢性湿疹患者随机分为平敏冲剂组与西替利嗪组,采用ELISA法检测两组治疗前后血清TNF-2 $\alpha$ ,sIL-2R及ECP水平,并观察疗效。结果: 平敏冲剂组有效率86.1%,西替利嗪组有效率54.3%,两组比较差异有统计学意义( $P<0.05$ );且平敏冲剂组复发率8.0%低于西替利嗪组41.4%,两组比较差异有统计学意义( $P<0.05$ )。慢性湿疹患者血清TNF-2 $\alpha$ ,sIL-2R及ECP水平较健康组明显升高( $P<0.01$ ),平敏冲剂组与西替利嗪组比较能显著降低患者血清中的TNF-2 $\alpha$ [(36.93 $\pm$ 9.51),(42.83 $\pm$ 11.72) $\text{ng} \cdot \text{L}^{-1}$  ( $P<0.05$ )],sIL-2R[(46.42 $\pm$ 10.61),(53.34 $\pm$ 15.66) $\mu\text{g} \cdot \text{L}^{-1}$  ( $P<0.05$ )],ECP[(25.81 $\pm$ 9.64),(30.16 $\pm$ 8.68) $\mu\text{g} \cdot \text{L}^{-1}$  ( $P<0.05$ )]。结论: 平敏冲剂对慢性湿疹具有良好的疗效,调节TNF-2 $\alpha$ ,sIL-2R与ECP的血清水平可能是其作用机制。

**中文关键词:**[平敏冲剂](#) [慢性湿疹](#) [可溶性白细胞介素2受体](#) [嗜酸细胞阳离子蛋白](#) [肿瘤坏死因子2 \$\alpha\$](#)

## Effect of Pingmin Granule (PMG) on Chronic Eczema and Its Impact on Serum Levels of TNF-2 $\alpha$ ,sIL-2R and ECP


**Abstract:Objective:** To study effect of Pingmin Granule (PMG) on chronic eczema and its impact on tumor necrosis factor 2 $\alpha$ (TNF-2 $\alpha$ ),soluble inter leukin 2 thereceptor(sIL-2R) and eosinophil cationic protein(ECP) levels. **Method:** The effects of PMG and cetirizine on chronic eczema patients in two groups were observed respectively, and the serum levels of TNF-2 $\alpha$ , sIL-2R and ECP were measured by ELISA before and after treatment. **Result:** In PMG group effective rate was 86.1% vs 54.3%(cetirizine) and recurrence rate was 8.0% vs 44.4% (cetirizine)(all  $P<0.05$ ). Serum levels of TNF-2 $\alpha$ , sIL-2R and ECP in patients were higher than those in normal subjects( $P<0.01$ ), and PMG group could be significantly lower than cetirizine group in the serum of patients with TNF-2 $\alpha$ [(36.93 $\pm$ 9.51),(42.83 $\pm$ 11.72) $\text{ng} \cdot \text{L}^{-1}$  ( $P<0.05$ )],sIL-2R[(46.42 $\pm$ 10.61),(53.34 $\pm$ 15.66) $\mu\text{g} \cdot \text{L}^{-1}$  ( $P<0.05$ )],ECP[(25.81 $\pm$ 9.64),(30.16 $\pm$ 8.68) $\mu\text{g} \cdot \text{L}^{-1}$  ( $P<0.05$ )]after treatment. **Conclusion:** PMG has effect on chronic eczema, its regulation on serum levels of TNF-2 $\alpha$ , sIL-2R and ECP may be the mechanism of action.

**keywords:**[Pingmin granule](#) [chronic eczema](#) [soluble inter leukin 2 thereceptor](#) [eosinophil cationic protein](#) [tumor necrosis factor 2 \$\alpha\$](#)

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