

临床研究

清肺平喘汤对呼吸道合胞病毒肺炎患儿 Eotaxin 及 IL-17 的影响^{*}

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摘要:目的 研究清肺平喘汤对痰热闭肺型呼吸道合胞病毒肺炎婴幼儿治疗前后血清中和痰液中嗜酸性粒细胞趋化因子(Eotaxin)、白介素 17(IL-17)的影响及意义。方法 将 160 例呼吸道合胞病毒肺炎(中医辨证为痰热闭肺型肺炎喘嗽)患儿随机分成自制清肺平喘汤治疗组 68 例及常规治疗对照组 66 例,分别检测两组在治疗前后呼吸道合胞病毒肺炎患儿血清中和痰液 Eotaxin、IL-17 的变化,并进行统计分析。结果 与对照组比较,治疗组治疗前后 Eotaxin、IL-17 明显降低($P < 0.01$)。结论 研究表明 Eotaxin 和 IL-17 在呼吸道合胞病毒肺炎病变中表达明显增高,清肺平喘汤可通过降低患儿体内 Eotaxin 和 IL-17 水平,减少炎症细胞在肺组织局部浸润,抑制气道炎症。清肺平喘汤可以有效降低呼吸道合胞病毒肺炎患儿全身炎症反应及炎症相关因子产生,逆转患儿气道重塑过程,具有积极的临床意义。

关键词:清肺平喘汤;呼吸道合胞病毒肺炎;痰热闭肺;嗜酸性粒细胞趋化因子;白介素-17

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Effect of Clearing Lung - Heat and Relieve Panting Decoction on Eotaxin and IL - 17 in Children with Respiratory Syncytial Virus Pneumonia

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Abstract: **Objective:** To study the effect and significance of Clearing Lung - Heat and Relieve Panting Decoction on eosinophil chemokines (Eotaxin) and interleukin 17 (IL - 17) in serum and sputum of infants with respiratory syncytial virus pneumonia due to phlegm - heat lung blocking before and after treatment. **Method:** 160 children with respiratory syncytial virus pneumonia (TCM syndrome differentiation as phlegm - heat lung blocking type of pneumonia with dyspnea and cough) were randomly divided into self - made Clearing Lung - Heat and Relieve Panting Decoction treatment group (68 cases) and conventional treatment control group (66 cases). The changes of Eotaxin and IL - 17 in serum and sputum of children with respiratory syncytial virus pneumonia before and after treatment in both groups were detected and analyzed. **Result:** Compared with the control group, Eotaxin and IL - 17 in the treatment group decreased significantly before and after treatment ($P < 0.01$). **Conclusion:** Studies have shown that the expression of Eotaxin and IL - 17 in respiratory

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