

论著

中药材挥发油体外抑杀蠕形螨的实验研究

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摘要:

【摘要】 目的 提取并筛选具有抑杀蠕形螨作用的中药材挥发油。方法 采用透明胶带粘贴法获取蠕形螨, 镜下观察不同中药材挥发油对蠕形螨的抑杀作用, 并设立新肤螨灵软膏为阳性对照, 生理盐水为阴性对照, 进行体外抗螨活性筛选。结果 良姜、枳壳、细辛、桂皮、丁香、花椒6种中药材挥发油具有较好的抑杀蠕形螨效果, 对2种蠕形螨均有明显的抑杀作用, 其中丁香、细辛2种中药材挥发油对毛囊蠕形螨的抑杀效果优于皮脂蠕形螨。结论 丁香、枳壳等6种中药材挥发油具有良好的体外抑杀蠕形螨活性。

关键词: 中药材 挥发油 蠕形螨

Killing efficacy of the volatile oil extracted from Chinese crude medicines to Human demodex in vitro

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Abstract:

【Abstract】 Objective To extract and screen the volatile oil from Chinese crude medicines which can kill Human demodex in vitro. Methods The mites were collected with cellophane tape. The killing effect of different volatile oils to H.demodex was investigated by microscope. The Physiological saline and Xinfu Manling Ointment were selected as negative and positive controls, respectively. Results The six volatile oils of Chinese crude medicines had good killing efficiency to Demodex folliculorum and D.brevis in vitro including clove, orange, cinnamon bark, clove and so on. The killing effect of volatile oil from clove and manchurian wildginger to the D.folliculorum was better than that to D.brevis. Conclusion The six volatile oils from Chinese crude medicines had remarkable anti-mites activities in vitro.

Keywords: Chinese crude drug Volatile oil Human demodex

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