



3味辛温归肺经中药对复合因素致肺阳虚模型大鼠的影响

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中文摘要:目的:观察豆蔻、紫苏叶、白芷3味辛温归肺经中药对复合因素致肺阳虚大鼠的影响。方法:采用烟熏(外邪犯肺)+常温及冰水游泳(形寒劳倦)+服用冰水(内饮生冷)3因素复合造成肺阳虚大鼠模型。造模同时灌胃给予豆蔻、紫苏叶、白芷水提取物,连续24 d。观察大鼠一般行为学、体重、肛温、背温、抓力,取血测定血清一氧化氮(NO)、免疫球蛋白G(IgG)含量,解剖取心、肺、测脏器系数。结果:豆蔻水提取物、紫苏叶水提取物及白芷水提取物均能提高肺阳虚大鼠体重、背温、抓力、血清IgG含量,减少血清NO含量、心指数、肺指数;豆蔻水提取物及紫苏叶水提取物均能升高肺阳虚大鼠肛温。结论:豆蔻、紫苏叶、白芷同属辛温归肺经中药,均能改善肺阳虚证之形体消瘦、背畏寒、体倦乏力等征状,这为探讨“辛温归肺经”中药的共同作用规律提供了一定参考。

中文关键词:辛温 肺阳虚 豆蔻 紫苏叶 白芷

Effects of three traditional Chinese medicine with pungent-flavor, warm-nature and meridian tropism in lung on lung-yang deficiency rats induced by compound factors

Abstract:Objective: To observe the effects of three traditional Chinese medicine(TCM) such as Amomi Fructus Rotundus, Perillae Folium and Angelicae Dahuricae Radix on lung-yang deficiency rats induced by compound factors. Method: Lung-yang deficiency rats were established with three-factor combination, such as smoking (exogenous evil effect on lung), swimming in common and ice water (cold body and exhaustion) and drinking ice water (inhale cold). Meanwhile, rats were given water extracts of the three TCM by intragastric administration for 24 days everyday. Indexes such as general behavior, weight, rectal temperature, back temperature and grip strength were observed. Blood was collected to determine NO, IgG in blood serum. Lung and heart were dissected to measure organs index. Result: The water extracts of Amomi Fructus Rotundus, Perillae Folium and Angelicae Dahuricae Radix could markedly heighten weight, back temperature, grip strength, content of IgG in blood serum, reduce content of NO in blood serum, lung index and heart index. The water extracts of Amomi Fructus Rotundus and Perillae Folium could heighten rectal temperature. Conclusion: Amomi Fructus Rotundus, Perillae Folium and Angelicae Dahuricae Radix were TCM with pungent-flavor, warm-nature and meridian tropism in lung, which could improve the symptoms of physique emaciation, aversion to cold of the back, weary and acratia and so on. It provides an important reference for the regularity of the properties theories about pungent-flavor, warm-nature and meridian tropism in lung.

keywords: pungent-warm meridian tropism in lung lung-yang deficiency Amomi Fructus Rotundus Perillae Folium Angelicae Dahuricae Radix

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