

# 南、北葶苈子止咳、祛痰、利尿药效作用 对比实验研究\*

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**摘要:**目的 研究南、北葶苈子止咳、祛痰、利尿药效作用的差异。方法 健康 SPF 级昆明种小鼠 52 只, 随机分为对照组、南葶组、药房组、北葶组, 分别灌胃给予等量蒸馏水和中药。采用氨水引咳法、酚红排泌法观察南、北葶苈子止咳、祛痰作用的差异。40 只 Wistar 大鼠随机分组, 分组同前, 采用大鼠代谢笼法比较南、北葶苈子的利尿效果。**结果** 各组动物在止咳作用上无统计学差异。药房组、南葶组均可促进小鼠气管酚红排泌, 与对照组比较, 均具有显著性差异( $P < 0.01$ ), 南葶组与北葶组之间均具有显著性意义( $P < 0.01$ )。药房组大鼠 1、2 h 排尿量明显增多, 与对照组比较, 差异具有统计学意义( $P < 0.05$ )。**结论** 南葶苈子生品、炒品、北葶苈子生品在止咳功效上无差异。南葶苈子炒品的祛痰作用最强, 南葶苈子生品次之, 北葶苈子生品最差。南葶苈子炒品利尿效果最佳, 南、北葶苈子生品在利尿作用上无差异。

**关键词:** 南葶苈子; 北葶苈子; 镇咳; 祛痰; 利尿; 药效

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## Pharmacodynamics Comparative Experimental Study of Antitussive, Expectorant, Diuretic in North and South Tinglizi

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**Abstract: Objective** To observe antitussive, expectorant, diuretic in North and South Tinglizi. **Methods** SPF 52 KM mice were randomly divided into control group, South Tinglizi group, pharmacy group, North Tinglizi group, which were orally administered with distilled water and medicine. Ammonia Induced cough and phenol red excretion was applied to observe south and north Tinglizi antitussive, expectorant effect. 40 Wistar rats were randomly assigned to groups as above, South, North Tinglizi diuretic effect comparison was admistrated by rat metabolic cage. **Results** All group showed no significant difference in the antitussive effect. Compared with the control group, pharmacy group and South Tinglizi group could promote mouse tracheal phenol red, there were significant differences ( $P < 0.01$ ), and the significant difference between South and North Tinglizi group ( $P < 0.01$ ). compared with the control group, pharmacy rat urine output was significantly increased after 1 and 2 hours observation, the difference was statistically significant ( $P < 0.05$ ). **Conclusion** Southern Tinglizi raw and Fried herbs, North Tinglizi raw product has no difference in the efficacy of cough. Fried South Tinglizi shows the strongest expectorant effect, followed by raw South Tinglizi, Raw North Tinglizi is the worst. Fried South Tinglizi has the best diuretic effect. There is no difference in the diuretic effect between raw North and South Tinglizi.

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