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苍术炮制前后水提物药效学研究

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中文摘要:目的:探讨苍术炮制前后水提物药效变化,从药效变化的角度探讨苍术的炮制机制。方法:以湿阻中焦证大鼠为模型,测定不同组别大鼠小肠推进率、血清胃泌素水平、尿量、尿液AQP<sub>2</sub>含量。结果:各给药组大鼠小肠推进率、血清胃泌素水平增强,尿品较阴性组有显著差异;生品高剂量组能增加模型大鼠尿量、降低尿液AQP<sub>2</sub>含量,较阴性组有差异。结论:麸品水提物明显增强模型大鼠小肠推进率、提高血清胃泌素水平,提示苍术麸炒以后能增强健脾和胃作用;药物对模型大鼠尿量及尿液AQP<sub>2</sub>含量的影响,提示苍术麸炒后燥性得以缓和。

中文关键词:苍术 炮制 水提物 药效学

Pharmacodynamics of water extracts from *Atractylodes lancea* before and after processing

**Abstract:**Objective: To study the pharmacological changes of *Atractylodes lancea* before and after processing and the processing mechanism on the basis of the pharmacological changes. Method: The model of dampness retention in the middle-jiao rats was established to determine small intestine peristalsis rate, GAS level, urine volume and AQP<sub>2</sub> content from urine in different groups. Result: All treatment groups showed increase in small intestinal peristalsis rate and GAS level. The bran-processed group showed significant difference from the negative group. The high dose *A. lancea* group showed increase in urine volume and decrease in urine AQP<sub>2</sub> content in model rats, which were different from the negative group. Conclusion: Water extracts from bran-processed *A. lancea* can obviously increase small intestinal peristalsis and GAS level, indicating that *A. lancea* has the effect for strengthening spleen and stomach after stir-baking with bran. Its impact on urine and urine AQP<sub>2</sub> content in model rats demonstrates that its dryness of *A. lancea* is alleviated after stir-baking with bran.

**keywords:***Atractylodes lancea* processing water extract pharmacodynamics

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