

调中健胃丸质量标准研究

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摘要:目的 探索调中健胃丸的质量标准。方法 采用薄层色谱法对调中健胃丸中丹参、白术、半夏进行定性鉴别;采用高效液相色谱法测定处方中芍药有效成分芍药苷的含量。结果 薄层色谱中在与对照药材色谱相应的位置上均可检出丹参、白术、半夏相应的斑点;芍药苷在 0.12 ~ 0.6 μg 内呈良好的线性关系, $r = 0.9991$, 平均回收率为 98.66%, RSD 为 0.70%。结论 该方法操作简便, 结果准确, 重复性良好, 可作检测调中健胃丸质量的控制标准。

关键词:调中健胃丸; 芍药苷; TLC; HPLC

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Study on the Quality Standard of Regulating Spleen – Stomach and Strengthening Stomach Pill (Tiaozhong Jianwei Pill)

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Abstract: **Objective:** To investigate the quality standard of Regulating Spleen – Stomach and Strengthening Stomach Pill (Tiaozhong Jianwei Pill). **Method:** TLC was used to identify *Salvia miltiorrhiza*, *Atractylodes macrocephala* and *Pinellia ternata* in Tiaozhong Jianwei Pills. The content of paeoniflorin in the prescription was determined by HPLC. **Result:** The corresponding spots of *Salvia miltiorrhiza*, *Atractylodes macrocephala* and *Pinellia ternata* could be detected by TLC at the corresponding positions of the control herbs. Paeoniflorin showed a good linear relationship within 0.12 – 0.6 μg, $r = 0.9991$, with an average recovery of 98.66% and RSD of 0.70%. **Conclusion:** The method is simple, accurate and reproducible. It can be used as a quality control standard for Regulating Spleen – Stomach and Strengthening Stomach Pill (Tiaozhong Jianwei Pill).

Keywords Regulating Spleen – Stomach and Strengthening Stomach Pill (Tiaozhong Jianwei Pill); paeoniflorin; TLC; HPLC

调中健胃丸由柴胡、炒白芍、丹参、麸炒白术、姜半夏、炒鸡内金等多味药组成, 具有益气健脾, 疏肝和胃的功效, 临床上主要用于功能性消化不良、慢性胃炎属肝郁脾虚、气滞型胃痛。方中柴胡为君药, 为伞形科植物柴胡或狭叶柴胡的干燥根, 性微寒, 味苦、辛, 归肝、胆、肺经。具有疏散退热, 疏肝解郁, 升举阳气的功效, 临床主要用于感冒发热、胸胁胀痛、月经不调等症。炒白芍为臣药, 为

白芍的炮制品, 为毛茛科植物芍药的干燥根, 性微寒, 味苦酸, 归肝脾经, 主产于浙江、安徽、四川等地。具有养血敛阴、柔肝止痛、平抑肝阳的功效, 临床上主要用于阴虚发热、腹痛、月经不调等症^[1]。其主要成分为单萜和苷类化合物, 《中国药典》2015年版规定其指标性成分为芍药苷。现代研究发现, 芍药苷具有抗自由基氧化损伤、抑制细胞内钙超载等药理作用, 体内实验研究发现芍药

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