

· 药剂与炮制 ·

四逆汤中干姜与其他药味配伍后姜辣素成分的变化规律

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[摘要] 目的:探索四逆汤中干姜与其他药味配伍后,姜辣素成分6-姜辣素,8-姜辣素和6-姜烯酚含量的变化规律。方法:以四逆汤、干姜单煎液、干姜-附子合煎液、干姜-甘草合煎液为供试品,采用HPLC测定供试品中3种姜辣素成分的含量,流动相0.1%冰乙酸(A)-乙腈(B)梯度洗脱(0~30 min,60%~10%A;30~35 min,10%~60%A),检测波长275 nm。结果:干姜配伍不同药味后,3种姜辣素成分含量均升高,依次为干姜-甘草合煎液>四逆汤>干姜-附子合煎液>干姜单煎液。结论:干姜配伍附子后干姜中姜辣素成分含量升高,可为干姜助附子回阳救逆提供参考;干姜配伍甘草后干姜中姜辣素成分含量大幅度升高,为甘草配伍干姜提升温补阳气之力提供了一定实验数据;干姜与附子、甘草共同配伍后干姜中姜辣素成分含量明显升高,说明四逆汤方中3味药相互依托、相互制约以共奏回阳救逆之效,体现了四逆汤组方的科学内涵。

[关键词] 四逆汤;干姜;配伍;6-姜辣素;8-姜辣素;6-姜烯酚

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Change Law of Gingerols from *Zingiberis Rhizoma* in Sini Tang Before and After Compatibility with Other

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[Abstract] **Objective:** To investigate change law of contents of gingerols (6-gingerol, 8-gingerol and 6-shogaol) from *Zingiberis Rhizoma* in Sini Tang before and after compatibility with other herbs in this prescription. **Method:** Taking Sini Tang, single decoction of *Zingiberis Rhizoma*, *Zingiberis Rhizoma-Aconiti Lateralis Radix Praeparata* decoction and *Zingiberis Rhizoma-Glycyrrhizae Radix et Rhizoma* decoction as test samples, contents of these three gingerols in samples were measured by HPLC. **Result:** Contents of 6-gingerol, 8-gingerol and 6-shogaol increased after *Zingiberis Rhizoma* compatibility with different medicines, sequence was *Zingiberis Rhizoma-Glycyrrhizae Radix et Rhizoma* decoction > Sini Tang > *Zingiberis Rhizoma-Aconiti Lateralis Radix Praeparata* decoction > single decoction of *Zingiberis Rhizoma*. **Conclusion:** Contents of gingerols increase after *Zingiberis Rhizoma* compatibility with *Aconiti Lateralis Radix Praeparata*, which provides scientific basis for *Zingiberis Rhizoma* enhancing efficacy of *Aconiti Lateralis Radix Praeparata*. Contents of gingerols increase sharply

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