



中文标题 搜索 药刊检索

丹参素钠与丹参注射液中丹参素在小鼠体内的组织分布

投稿时间: 2010-12-01 责任编辑: 张宁宁 [点击下载全文](#)

引用本文: 王娟·马张庆·洪宗元·宋建国·丹参素钠与丹参注射液中丹参素在小鼠体内的组织分布[J].中国中药杂志,2011,36(11):1516.

DOI: 10.4268/cjcm20111124

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基金项目:安徽省高校省级自然科学研究项目(KJ2008B084);教育部科学技术重点项目(208058)

中文摘要:目的:以丹参素为指标,检测丹参素钠与丹参注射液的组织分布,初步探讨丹参注射液中其他成分对丹参素体内分布的影响。方法:小鼠随机分为2组,分别腹腔注射丹参素钠和丹参注射液(含丹参素60 mg·kg⁻¹),给药后30 min处死,HPLC测心、肝、脾、肺、肾等组织丹参素浓度,比较2组差异。结果:丹参素浓度从大到小,丹参素钠组依次为C肾>C肺>C心>C肝,丹参注射液组依次为C肾>C肺>C脾>C心=C肝。心、肝、脾、肾等组织丹参素浓度2组间均有差异。结论:丹参注射液中其他成分可能影响丹参素的体内分布。

中文关键词:丹参素 丹参注射液 组织分布 液相色谱

Tissue distribution in mice of danshensu from sodium danshensu and *Salvia miltiorrhiza* injection

Abstract:Objective: To determine the concentration in mice of danshensu from sodium danshensu and *Salvia miltiorrhiza* injection and undertake comparative study of them as well as to assess the effect of other components of *S. miltiorrhiza* injection on the tissue distribution of danshensu. Method: Mice received intraperitoneal administration of sodium danshensu or *S. miltiorrhiza* injection (equal to danshensu 60 mg·kg⁻¹) respectively, and was executed 30 minutes after administration. The concentration of danshensu in different tissues was separately determined by high performance liquid chromatographic method. Result: The characteristic profiles of sodium danshensu in different tissues were Kidney>Cspleen>Clung>Cheart>Cliver. The characteristic profiles of danshensu from *S. miltiorrhiza* injection in different tissues were Kidney>Clung>Cspleen>Cheart=C liver. The concentration of danshensu in *S. miltiorrhiza* injection in liver and kidney was higher than sodium danshensu itself. Conclusion: It was suggested that the other components in *S. miltiorrhiza* injection influent the distribution profile in tissues of danshensu.

keywords: danshensu *Salvia miltiorrhiza* injection tissue distribution HPLC

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