基于科研创新及实践能力培养的《中药制剂分析》实验教学改革*

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摘 要:实验教学是课程教学的重要环节,也是培养学生创新能力及实践能力的重要手段。《中药制剂分析》传统的实验模式为所有实验均为验证性实验,缺乏设计性实验和综合性实验,整体而言实验内容比较单一,不利于培养学生的科研创新能力,而综合性实验和设计性实验可以将科研兴趣小组等理念渗透在实验教学中,同时也可以考察学生对所学知识的应用能力,培养学生分析问题、解决问题的能力,有利于学生的创新思维、创新能力的形成。本着提高教学质量、培养学生科研创新思维、创新能力及锻炼学生实验技能的目的,文章对《中药制剂分析》的实验教学进行了改革,改变传统的实验教学模式——单一的、以验证性试验为主的实验模式,即在验证性实验的基础上,增加了综合性实验和设计性实验,此次实验教学改革为进一步完善《中药制剂分析》课程的教学改革奠定了基础。

关键词:中药制剂分析;科研创新思维;科研创新能力;实验技能;实验教学改革

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Experimental Teaching Reform of *Analysis of Traditional Chinese Medicine Preparations* Based on Scientific Research Innovation and Practical Ability Cultivation

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Abstract: Experimental teaching is an important part of curriculum teaching and an important means to cultivate students' innovative and practical abilities. The traditional experimental model of *Analysis of Traditional Chinese Medicine Preparations* is that all experiments are validation experiments, lacking of design experiments and comprehensive experiments. Generally speaking, the content of experiments is relatively single, which is not conducive to the cultivation of students' scientific research and innovation ability. While comprehensive experiments and design experiments can penetrate the concept of scientific research interest groups into experimental teaching, and at the same time, students' application ability of knowledge can be investigated. Besides, they can also cultivate students' ability to analyze and solve problems and are conducive to the formation of students' innovative thinking and innovative ability. In order to improve the quality of teaching, cultivate students' innovative thinking, innovative ability and exercise students' experimental skills,

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