

 中文标题

精制清开灵干预缺血性脑损伤药理作用机制研究进展

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作者中文名	作者英文名	单位中文名	单位英文名	E-Mail
陈寅莹	CHEN Yin-ying	中国中医科学院 中医临床基础医学研究所, 北京 100700	Institute of Basic Research in Clinical Medicine, China Academy of Chinese Medical Sciences, Beijing 100700, China	
王忠	WANG Zhong	中国中医科学院 中医临床基础医学研究所, 北京 100700	Institute of Basic Research in Clinical Medicine, China Academy of Chinese Medical Sciences, Beijing 100700, China	zhonw@vip.sina.com

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中文摘要:缺血性脑血管病严重威胁人类健康,而且其病理机制非常复杂,涉及兴奋性氨基酸毒性、氧自由基产生、钙超载、炎症反应等多个方面。中药清开灵注射液对脑血管病具有较好的临床疗效,因此对其药理作用机制的研究具有重要意义。该文综述了近年来新型复方中药——精制清开灵注射液治疗缺血性脑损伤的相关研究,从调节炎症反应、神经营养因子、血脑屏障和血管保护及其他4个方面阐述了其单一有效组分及组分配伍治疗缺血性脑损伤的药理作用机制,为进一步研究提供参考。

中文关键词:缺血性 中风 清开灵注射液 炎症反应 神经营养 血脑屏障

Advance in study on pharmacological mechanisms of Qingkailing injection in intervention of ischemic cerebral injury

Abstract:As a severe threat to human health, ischemic brain injury has a very complex pathological mechanism involving excitotoxic amino acids, oxygen free radical formation, nitric oxide (NO), Ca²⁺ overload and inflammation. Traditional Chinese medicine Qingkailing injection have shown good clinical efficacy in the treatment of cerebrovascular disease, and thus it is very significant to studies on its pharmacological mechanism. This essay summarizes relevant studies on pharmacological mechanism of a new compound traditional Chinese medicine Jingzhiqingkailing (JZQKL) injection in treatment on cerebral ischemia, and explains the pharmacological mechanism of its single effective compounds and their compatibility in treatment of ischemic brain injury in the aspects of regulating inflammatory response, neurotrophic factors, vascular protection, blood-brain barrier (BBB) protection and others, and thus providing information for further studies.

keywords:cerebral ischemia stroke Qingkailing injection inflammation neurotropy blood-brain barrier (BBB)

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