

论文

咯萘啶-蒿甲醚-氯喹联合治疗食蟹猴疟原虫感染恒河猴的研究

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摘要:

咯萘啶6 mg base/kg、蒿甲醚100 mg/kg、氯喹10 mg base/kg联合给药,1次/d×31个疗程,对恒河猴的血传感染,可完全清除血内原虫的无性体;对恒河猴的子孢子感染,与单用氯喹比较,可见原虫再现(包括复燃和复发,下同)次数明显减少。食蟹猴疟原虫没有出现远期复发。三种药物联合3 d治疗对猴有较严重的胃肠道副作用。

关键词: 咯萘啶 蒿甲醚 氯喹 原虫再现 复燃 复发

A COMBINED REGIMEN OF PYRONARIDIN-ARTEMETHERCHLOROQUINE (PAC) FOR THE TREATMENT OF PLASMODIUM CYNOMOLGI IN RHESUS MONKEY

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Abstract:

A combined regimen of PAC was studied in rhesus monkey infected with Plasmodium cynomolgi. Monkeys infected by blood transmission were rapidly cured after combined treatment with PAC once daily for 3 days. In the observation period asexual parasites reappeared only once or twice, which might be short-term relapses, in animals infected by sporozoites. On the other hand, much more frequent parasite reappearance occurred in animals treated with chloroquine alone or PAC in one day course. According to the assumption of "hypnozoite" in sporozoite-induced infection, long-term relapses would be expected after the primary onset and a period of negative parasitemia. However, it was not confirmed in this study, as no long-term relapse was detected in animals followed for more than 300 days. Side effects occurred mainly in the gastro-intestinal tract of monkeys receiving a 3-day course of PAC.

Keywords: Artemether Chloroquine Parasites reappearance Recrudescence Relapse Pyronaridine

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参考文献:

本刊中的类似文章

1. 冯正;吴祖帆;王翠英;江善根.³H-咯萘啶在小鼠体内的分布和排泄[J]. 药学期刊, 1988,23(8): 629-632
2. 冯正;江乃雄;王翠英;张炜. 抗疟药咯萘啶在兔体内的药代动力学[J]. 药学期刊, 1986,21(11): 801-805
3. 陈克涌;邵葆若;张家垠;林宝英. 感染食蟹猴疟原虫的恒河猴口服咯萘啶的疗效观察[J]. 药学期刊, 1985,20(4): 309-311
4. 陈昌;郑贤育;郭惠珠. 抗疟药咯萘啶有关化合物的合成及抗疟活性比较[J]. 药学期刊, 1993,28(8): 594-598
5. 陈昌;郑贤育;朱佩萼;郭惠珠. 抗疟新药的研究——具有对-氨基酚双Mannich碱的杂环化合物的合成[J]. 药学期刊, 1982,17(2): 112-117
6. 郑贤育;陈昌;高芳华;朱佩萼;郭惠珠. 抗疟新药咯萘啶及其类似物的合成[J]. 药学期刊, 1982,17(2): 118-125
7. 陈昌;高芳华;朱佩萼;郑贤育. 抗疟新药的研究——苯骈[b]1,5-萘啶衍生物的合成[J]. 药学期刊, 1982,17(5): 344-348
8. 倪奕昌;湛崇清;哈淑华;邵葆若. 抗疟新药咯萘啶对大鼠胚胎毒性的观察[J]. 药学期刊, 1982,17(6): 401-406
9. 邵葆若;叶秀玉;郑浩. 伯氏鼠疟原虫(Plasmodium berghei)对咯萘啶抗药性的研究[J]. 药学期刊, 1982,17(8): 566-571

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