

论著

外用双氯芬酸柔性纳米脂质体治疗关节肌肉疼痛的临床研究

梁清华1, 罗徐2, 陈疆3, 熊新贵1, 李国栋4, 李先红5, 范荣1, 王娟1

1.中南大学湘雅医院中西医结合研究所,长沙 410008; 2.长沙市中心医院肾内科,长沙 410000; 3.中南大学湘雅医院远程

医学中心,长沙 410008; 4.中南大学粉末冶金研究院,长沙 410000; 5.湖北襄樊学院化学化工系,湖北襄樊 441000

收稿日期 2006-5-13 修回日期 2007-5-28 网络版发布日期 接受日期

摘要

目的: 探讨双氯芬酸柔性纳米脂质体局部外用治疗关节、肌肉疼痛的疗效。方法: 将88例关节肌肉疼痛患者随机分为2组, 分别局部外用双氯芬酸柔性纳米脂质体或外用扶他林乳胶剂(即双氯芬酸乳胶剂), 疗程2周, 观察各项临床指标并比较其疗效。结果: 两组患者治疗1周时, 纳米脂质体组较乳胶剂组能明显缓解关节、肌肉的疼痛和压痛症状(P<0.01); 治疗2周, 纳米脂质体组和乳胶剂组的总有效率分别为92%和75%, 两组比较差异有统计学意义(P<0.05), 不良反应发生率前者为0, 后者为7.5%。结论: 局部外用双氯芬酸柔性纳米脂质体较其普通乳胶剂更安全有效。

关键词 [双氯芬酸](#); [脂质体](#); [扶他林](#); [临床试验](#)

分类号

Effectiveness of flexible nanoliposomes of diclofen in the treatment of patients with joint and muscle pain

LIANG Qing-hua1, LUO Xu2, CHEN Jiang3, XIONG Xin-gui1, LI Guo-dong4, LI Xian-hong5, FAN Rong1, WANG Juan1

1. Institute of Combined Traditional Chinese and Western Medicine, Changsha 410008;

2. Department of Nephrology,

Changsha Central Hospital, Changsha 410000; 3. Xiangya Telemedicine Centre, Xiangya Hospital, Central South University,

Changsha 410008; 4. Power Metallurgy Research Institute of Central South University, Changsha 410000; 5. Department of

Chemistry and Chemical Engineering, Xiangfan University, Xiangfan Hubei 441000, China

Abstract

Objective To investigate the effectiveness of flexible nanoliposomes of diclofen for external application in the treatment of patients with joint and muscle pain.

Methods Eighty-eight patients with pain were divided into treatment group with flexible nanoliposomes of diclofen and control group with votalin(diclofenac potassium gel) . The efficacy and tolerability of 2 groups were observed and compared 1 and 2 weeks after treatment. Results After 1 week therapy, flexible nanoliposomes of diclofen significantly reduced the joints pain than votalin. After 2 weeks therapy, the effective rates in the treatment group and the control group were 92% and 80% (P<0.05) ,respectively.

Conclusion Flexible nanoliposomes of diclofen is more effective and safe in the treatment for joint and muscle pain.

Key words [iclofen](#) [nanoliposome](#) [votalin](#) [clinical trial](#)

DOI :

通讯作者 梁清华 lqhxy@126.com

作者个人主页 梁清华1; 罗徐2 ;陈疆3;熊新贵1;李国栋4;李先红5;范荣1;王娟1

| 扩展功能 |
|--|
| 本文信息 |
| ▶ Supporting info |
| ▶ PDF(903KB) |
| ▶ [HTML全文](OKB) |
| ▶ 参考文献[PDF] |
| ▶ 参考文献 |
| 服务与反馈 |
| ▶ 把本文推荐给朋友 |
| ▶ 加入我的书架 |
| ▶ 加入引用管理器 |
| ▶ 复制索引 |
| ▶ Email Alert |
| ▶ 文章反馈 |
| ▶ 浏览反馈信息 |
| 相关信息 |
| ▶ 本刊中 包含“双氯芬酸; 脂质体; 扶他林; 临床试验”的 相关文章 |
| ▶ 本文作者相关文章 |
| <ul style="list-style-type: none"> • 梁清华 • 罗徐 • 陈疆 • 熊新贵 • 李国栋 • 李先红 • 范荣 • 王娟 |