应注意药物的减量和停药，防止撤药综合征的发生。

参考文献


（收稿日期: 2010-10-15）
（本文编辑: 杨秋生）

椎骨骨折严重肝损害
何艳 辛华军 刘军（广州军区武汉总医院临床药理科，武汉430070）

摘要  1例63岁女性患者因颈椎椎体骨折和颈肩部急行服用双磷酸盐，每日1粒，每次1次。应用1个月后，共服99粒。患者出现皮肤黄染、尿色深黄，乏力、恶心、食欲减退。实验室检查:丙氨酸氨基转氨酶(ALT)322 U/L，天冬氨酸氨基转移酶(AST)1108 U/L，总胆固醇(Total cholesterol)(TC)133 μmol/L，直接胆红素(DBIL)85 μmol/L。停用双磷酸盐，给予对症治疗，但黄疸未好转，遂入院。给予熊去氧胆酸治疗，黄疸20 d。患者肝功能:ALT 102 U/L，AST 89 U/L，TBIL 604 μmol/L，DBIL 271 μmol/L。诊断为重度药物性肝损害。给予血液置换，并给予门冬氨酸鸟氨酸、熊去氧胆酸和白蛋白等治疗。5个月后，复查肝功能:ALT 21 U/L，AST 50 U/L，TBIL 134 μmol/L，DBIL 70 μmol/L，患者病情明显好转。

关键词 双磷酸盐；肝损害

Severe liver damage resulting from Move Free Advanced
He Yan, Xin Huawen, Li Qing (Department of Clinical Pharmacology, Wuhan General Hospital of Guangzhou Military Command, Wuhan 430070, China)

ABSTRACT A 63-year-old woman self-administered one capsule of Move Free Advanced twice a day for cervical spondylosis and periartarthritis of the shoulder. A total of 99 capsules was taken, during the administration period of one month and more, the patient developed yellowish skin and dark urine, accompanied by fatigue, nausea, and loss of appetite. Laboratory tests showed the following: ALT 322 U/L, AST 1108 U/L, TBIL 133 μmol/L, and DBIL 85 μmol/L. Move Free Advanced was discontinued and liver-protective treatment was given. However, her jaundice remained and she was hospitalized. The patient received enteric-coated adenosyl methionine for 20 days. Her liver function tests revealed the following values: ALT 102 U/L, AST 89 U/L, TBIL 604 μmol/L, and DBIL 271 μmol/L. Severe drug-induced liver damage was diagnosed. She received plasma exchange, followed by L-ornithine-L-aspartate, unsodeoxycholic acid, and albumin. Five months later, repeat liver function tests showed the following levels: ALT 21 U/L, AST 50 U/L, TBIL 134 μmol/L, and DBIL 70 μmol/L, and the patient’s condition improved markedly.

KEY WORDS Move Free Advanced; liver damage
克林霉素致昏迷

黄坚 彬 李佩兰（江门市新会区人民医院药剂科，广东 江门 529100）

clinactin-induced coma

Huang Jian Tong, Li Pei Lan（Department of Pharmacy, Xin Hui District People’s Hospital, Jiamen, 529100, Guang Dong Province, China）