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Current and future uses of skeletal stem cells for bone regeneration

Xu GP *et al.* Stem cells for bone regeneration

Guo-Ping Xu, Xiang-Feng Zhang, Lu Sun, Er-Man Chen

Abstract

The postnatal skeleton undergoes growth, modeling, and remodeling. The human skeleton is a composite of diverse tissue types, including bone, cartilage, fat, fibroblasts, nerves, blood vessels, and hematopoietic cells. Fracture nonunion and bone defects are among the most challenging clinical problems in orthopedic trauma. The incidence of nonunion or bone defects following

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