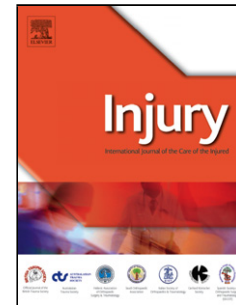


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Systemic leptin administration alters callus VEGF levels and enhances bone fracture healing in wildtype and ob/ob mice

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Abstract

Introduction: Leptin's role in bone formation has been reported, however, its mechanism of affecting bone metabolism is remaining unclear. In this study, we aimed to test whether leptin has a positive effect on fracture healing through the possible mechanism of increasing vascular endothelial growth factor (VEGF) expression in callus tissue.

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