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Challenges of bone tissue engineering in orthopaedic patients

Enrique Guerado, Enrique Caso

Abstract

Bone defects may impede normal biomechanics and the structural stability of bone as an organ. In many cases, the correction of bone defects requires extensive surgical intervention involving the use of bone-grafting techniques and other procedures in which healing is slow, there is a high risk of infection and considerable pain is provoked – with no guarantee of complete correction of the defect. Therefore, the search for surgical alternatives continues to present

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