

Fibrin glue osteosynthesis of epiphyseal injuries in children.

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Abstract:

The osteosynthesis of epiphyseal injuries by a two-component fibrin glue was performed in five children. Three of them had finger fractures, two patients had slightly displaced distal tibial and fibular fractures. All children recovered without sequelae. They have been followed for three to twelve months after surgery and did not show any negative consequences. The glue osteosynthesis of physeal injuries will be appropriate only in more stable fractures where the fragments are not exposed to greater dislocating power because this type of synthesis is not very firm. In open injuries it is possible to add antibiotic to the glue, which represents a great advantage compared with the use of metal. It is essential to combine the osteosynthesis with plaster of Paris during the whole healing period.