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Titanium nickelide implants in surgical treatment of osteogenesis imperfecta in children

This article defines urgency of the problem of brittle bones. It describes approaches of surgical correction of this pathology in children, offers original method of surgical treatment of clinical aspects of brittle bones using titanium nickelide materials. The advantage of materials consists in bioinertness and high resistibility. Use of titanium nickelide implants in brittle bones treatment process reduces recovery period and improves quality of life of patients.

Key words: brittle bones, usual fractures, regeneration, titanium nickelide.

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