

## BonAlive<sup>®</sup> in the treatment of osteomyelitis in the distal tibia

**Patient history:** 36 year old male, prisoner, drug addict with C-hepatitis. The patient received a pilon fracture due to a car crash. The patient was diagnosed postoperatively with severe chronic osteomyelitis with extensive pus formation in the distal tibia.

**Operation:** The anterior fixation plate was removed. The necrotic bone and pus was removed through radical debridement resulting in a large defect in the anterior cortex of the distal tibia. The defect was filled with 48 cc BonAlive<sup>®</sup> granules (1-2 mm/medium) mixed with equal amount of autologous bone. The operation was performed in March 2008 at the Turku University Hospital.

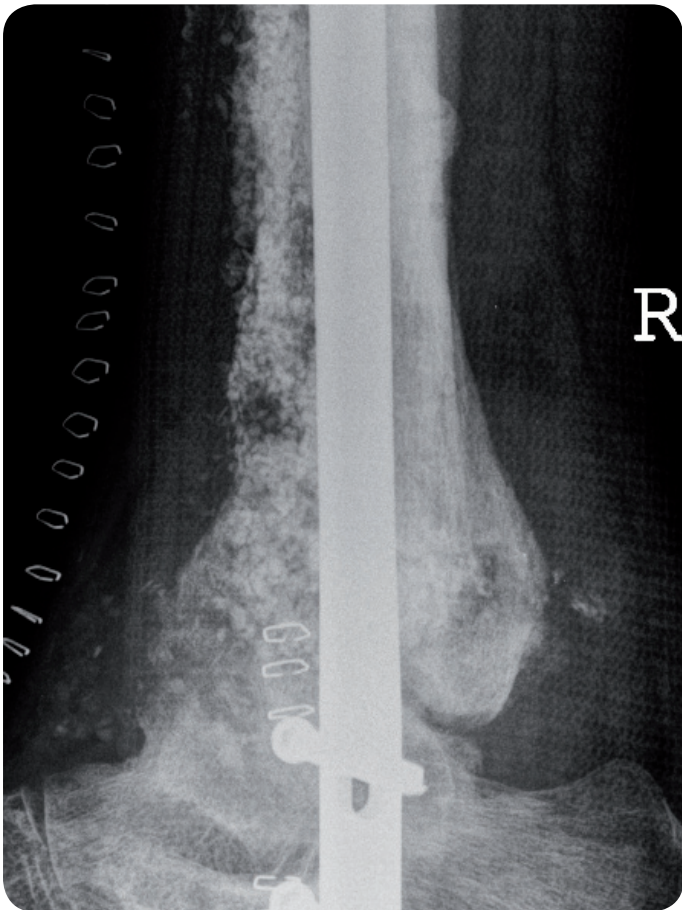
**Follow-up:** The soft tissue healed well. Although a significant part of the anterior cortex was removed a new cortex was formed after 2.5 years. The fusion is stabile and the patient outcome can be regarded as successful.



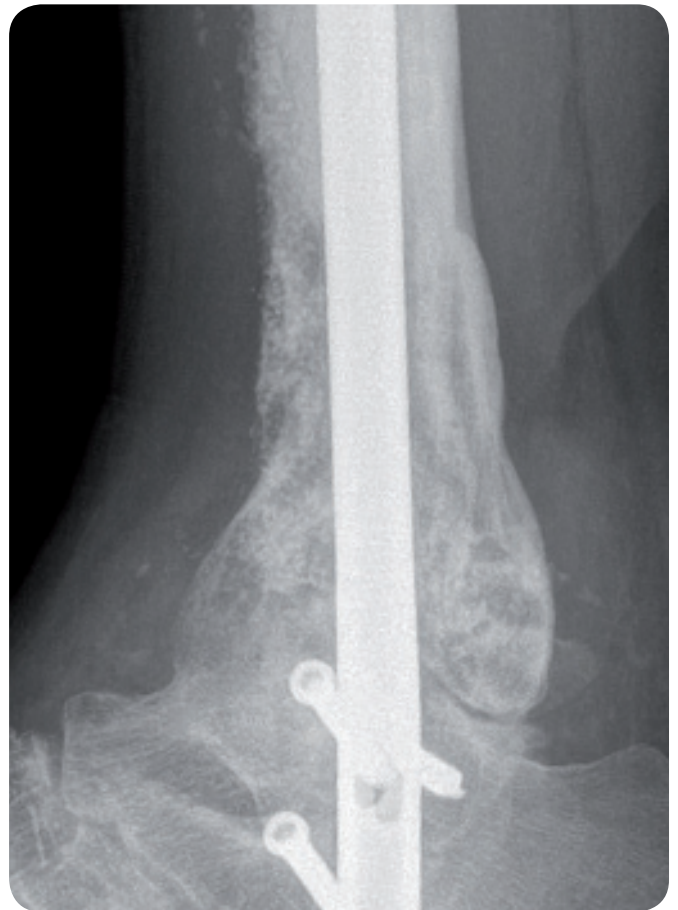
Post-op



Post-op 2.5 years



Post-op



Post-op 2.5 years

*Source: Turku University Hospital, Finland*