

Title (en)
BONE XENOGRAPTS

Title (de)
KNOCHENXENOTRANSPLANTATE

Title (fr)
XENOGREFFES OSSEUSES

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Application
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Abstract (en)
[origin: WO9947080A1] The invention provides an article of manufacture comprising a substantially non-immunogenic bone xenograft for implantation into humans. The invention further provides a method for preparing a bone xenograft by removing at least a portion of a bone from a non-human animal to provide a xenograft (X); washing the xenograft in saline and alcohol; subjecting the xenograft to a cellular disruption treatment; and treating the xenograft with a glycosidase to remove surface carbohydrate moieties. The invention also provides an article of manufacture produced by the above identified method of invention. The invention further provides a bone xenograft for implantation into a human including a portion (10) of a bone from a nonhuman animal, wherein the portion has substantially no surface carbohydrate moieties which are susceptible to glycosidase digestion. Each xenograft of the invention has substantially the same mechanical properties as a corresponding native bone.

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