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Comparative study on the healing potential of chitosan, polymethylmethacrylate and demineralized bone matrix in radial bone defects of rat

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Running title: Chitosan, PMMA and DBM in bone regeneration

Highlights

- Demineralized bone matrix was osteoinductive and osteoconductive.
- Polymethylmethacrylate (PMMA) and chitosan were not effective in the bone healing.
- Chitosan and PMMA possessed low biodegradability and biocompatibility.

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