



Method To Enable Growth Of Calcium Phosphate-based Minerals On Customized Poly(epsilon-caprolactone)

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The Invention

A cage for facilitating fusion of bones, such as vertebrae, or fusion of adjacent bone surfaces is disclosed. In one form, the cage includes a plurality of spaced apart walls comprising a biodegradable polymeric material (e.g., polycaprolactone); an osteoconductive mineral coating (e.g., a calcium compound) on at least a portion of the walls; and a bioactive agent (e.g., a bone morphogenetic protein) associated with the polymeric material and/or the coating. The bioactive agent is present in amount that induces ossification between the bones or adjacent bone surfaces. The cage may also include a fixation plate connected to at least one of the walls.

Additional Information

For More Information About the Inventors

- [William Murphy](#).

Tech Fields

- [Medical Devices : Device coatings](#)

For current licensing status, please contact Rafael Diaz at rdiaz@warf.org or 608-960-9847

