

Orthopedic Biomaterials, The World Market

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Abstracts

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Orthopedic biomaterial products, which can be organic or synthetic in nature, are implanted into or near a bone fracture to facilitate healing or to compensate for a lack or loss of bone tissue. Biomaterials are expected to be biocompatible and not cause inflammation or rejection. Biomaterials used in orthopedic surgery include autografts, allografts, xenografts, ceramics, polymers, bone growth factors and synovial fluid substitutes. Among the prominent applications for orthopedic biomaterials are surface coatings for hip prostheses, bone cements, bone defect fillers, and fracture fixation plates.

This report focuses on orthopedic biomaterials. The specific areas covered in this report are the products and markets for bone allografts and bone graft substitutes, which include allograft bone substitutes, ceramic-based, polymer-based, factor-based (recombinant growth factors) and hyaluronic acid synovial Fluid substitutes.

Kalorama's *Orthopedic Biomaterials, World Market*, one of the few resources available on this market, looks at the Market for biomaterials, including the following segments:

Allograft Products (including DBM, Machined Bone and Standard Allograft)

Ceramic Products

Polymer Products

rhBMP Products

HA Viscosupplemental Products

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