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 Lullini G *et al.* Pemfs in joint replacements

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Abstract

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Apr 01, 2018 - Background: Bone and **joint** formation, maintenance, and regeneration are regulated by both chemical and physical signals. Among the physical signals there is an increasing realization of **the role of pulsed electromagnetic fields** (PEMF) in the treatment of nonunions of bone fractures.

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Joint inflammation with increase of pro-inflammatory cytokines levels in the synovial fluid might be seen especially when chondromalacia becomes evident. Biophysical stimulation with **pulsed electromagnetic**