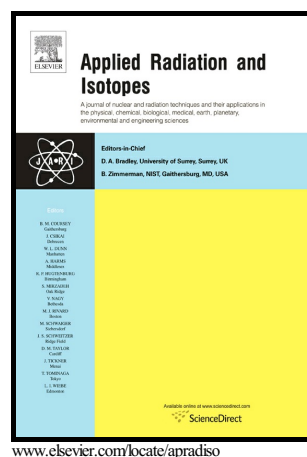


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Hydroxyapatite (HA) Microparticles Labeled with ^{32}P – A Promising Option in the Radiation Synovectomy for Inflamed Joints

A. Rajeswari, K.V. Vimalnath, H.D. Sarma, Priyalata Shetty, Shahiralm Khan Mohammed, Jitendra Nuwad, Sudipta Chakraborty, Ashutosh Dash



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**Hydroxyapatite (HA) Microparticles Labeled with ^{32}P – A Promising Option in the
Radiation Synovectomy for Inflamed Joints**

A. Rajeswari^{a,1}, K. V. Vimalnath^{a,1}, H. D. Sarma^b, Priyalata Shetty^a, Shahiralm Khan
Mohammed^a, Jitendra Nuwad^c, Sudipta Chakraborty^{a,*}, Ashutosh Dash^a

^aIsotope Production and Applications Division,

^bRadiation Biology and Health Sciences Division

^cChemistry Division,

Bhabha Atomic Research Centre (BARC), Mumbai - 400085, India.

Abbreviated title: ^{32}P -HA for radiation synovectomy

*Corresponding author: Sudipta Chakraborty. Isotope Production and Applications Division.
Bhabha Atomic Research Centre. Mumbai – 400085. India. Tel: +91 22 25593909. fax: +91
22 25505151, sudipta@barc.gov.in

Abstract

In the present article we describe a systematic approach pursued for the synthesis of ^{32}P -labeled hydroxyapatite (HA) microparticles (1-10 μm size range) using no carrier added (NCA) ^{32}P produced in a nuclear reactor and animal evaluation of its utility as an expected viable radiopharmaceutical for the treatment of pain intensive arthrosis. NCA ^{32}P was

¹The authors have equal contribution

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