

Technetium-99m

Technetium-99m (^{99m}Tc) pertechnetate is a **radioisotope** that may be attached to various substrates for use in bone scanning. It may be used to label polyphosphate (rarely used today), diphosphonate ¹⁾.

Technetium-99m is a metastable nuclear isomer of technetium-99 (itself an isotope of technetium), symbolized as ^{99m}Tc , that is used in tens of millions of medical diagnostic procedures annually, making it the most commonly used medical **radioisotope**.

¹⁾

Handa J, Yamamoto I, Morita R, et al. ^{99m}Tc - Polyphosphate and ^{99m}Tc -Diphosphonate Bone Scintigraphy in Neurosurgical Practice. Surg Neurol. 1974; 2:307-310

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