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## Nuclear isomers in medicine

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In terms of societal applications the nuclear isomer Tc-99m is most famous with about 30 million diagnostic procedures performed per year with Tc-99m radiopharmaceuticals. However, there are also less famous isomers with applications in nuclear medicine as well as infamous isomers that should be avoided as radionuclidic impurity. A review will be given on past, present and future of nuclear isomers used for diagnostic or therapeutic purposes in nuclear medicine.

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