Radio Isotope Selenium-75 with Medical Applications Produces in Iran

Iran must have its own capability for nuclear medicine and industrial isotopes as well as power

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To the effort of Iranian Nuclear Research Center, Radio Isotope Selenium-75 with medical applications has been produced.

Researchers of the Nuclear Center for Agriculture and Medicine, Atomic Energy Organization of Iran through innovation of a new method have successfully produced Radio Isotope Selenium-75 with atomic medical applications.

"Selenium-75 is used as one of the most important diagnosis Radio Isotopes in atomic medical care, and to its clear chart of Gamma rays, can be applied as an important Isotope for quality controlling and setting Gamma cameras," said cyclotron and atomic medical department research manager, Dr. Amir Reza Jalilian.

"We in this project have found a way to mark some of the Selenadiazole elements through Selenium-75, which this in its kind is a remarkable achievement," he added.