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"Production and quality control of [18F]-FDG in Iran "

"Jalilian AR, Afarideh H, Akbari BA, Shafiee M, Shirazi B, Mirzaii M, Ardaneh Kh "

### Abstract:

The use of [18F]-2-FDG has been increasing in recent years. This agent was originally used for evaluation of CNS glucose uptake and pathologic conditions by positron emission tomography (PET). In view of increasing demand for this agent, its production has been started at cyclotron dept., Nuclear research center for agriculture & Medicine-Karaj Iran (NRCAM). In this paper, [18F]-FDG synthesis, quality control and other technical aspects are discussed.

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