

Medical physics in everyday practice of nuclear medicine

Thursday 27 April 2023 17:10 (30 minutes)

Short overview will be given of the possible activities of medical physicist (MP) in nuclear medicine (NM). Starting from various aspects of radiation protection issues stemming from the fact that nuclear medicine deals with open radioactive sources (radiopharmaceuticals). Quality control of instruments such as gamma camera and PET scanner are also an important part of the routine job of MP. Few examples will be given of how MP can apply mathematical modeling and sophisticated software to improve both diagnostic and therapeutic procedures in NM, thus helping medical doctors in solving important clinical questions.

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Session Classification: Positronium in medical imaging

Track Classification: Positronium in medical applications