

## 19.1 INTRODUCTION

Radionuclide therapy for cancer treatment exists since the 1940s.

### Radiation protection

Important because high activities of unsealed sources are administered; **regulations** concerning acceptable levels of exposure (medical staff, comforters, public) **vary from country to country.**

← Role of the physicist →

### Dosimetry

Accurate quantitative imaging after specific corrections allows to use the information about **absorbed dose distribution** for clinical benefits.

### Imaging

If a gamma emitter is used → **qualitative or quantitative imaging.**

# Radionuclide Technology An Introduction To Quantitative Nuclear Medicine

**United States. Department of Energy.  
Technical Information Center**



## **Radionuclide Technology An Introduction To Quantitative Nuclear Medicine:**

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