

**RadCalc**  
**NMPRS**  
**RC Decay**  
**ReSource**



## RadCalc

RADCALC is not just a health physics tool—it's an entire HP TOOL BOX, designed to make your job easier and your project calculations quick, reliable, and painless! "RadCalc was born out of a health physicist's desire to have a single, centralized program to perform all these functions in a user-friendly format. These are the functions I need to use every day, in one package. RadCalc is specifically designed as a simple-to-install-and use, efficient program. It requires little space and automates many calculations which were previously labor-intensive. It has a learning curve of about 30 seconds!"

### RadCalc™ Version 1.1

- is a utility program designed to performs **health physics calculations**
- contains a **searchable database** of radioactive isotopes and associated emissions
- performs **unit conversions** for both radiological and non-radiological units

## NMPRS-Nuclear Medicine Patient Release Software

NMPRS is a winner! Effortless, efficient, and an unbeatable development in maintaining compliance with the new patient release criteria, it's an outstanding assist for practitioners of nuclear medicine. It performs required calculations, generates patient instruction sheets, and creates file documentation—all based on the new Reg. Guide 8.39 guidelines—automatically! The NMPRS Patient release calculator is quick and easy to use—just enter patient's name (or other ID); drop-down menus lead you through the simple patient-specific questionnaire. Select release criteria based on administered activity, retained activity, measured dose rate or, patient-specific dose calculations.

# RC Decay™ Version 1.1

RC Decay is a "palm-top" utility program designed to perform **basic health physics calculations.**

**1. Search or select the nuclides you wish to use**



**2. Choose your beginning date**



**3. Select the ending date**



**4. Calculate decayed activity**



**5. Calculate elapsed time**



**HP CALCULATIONS &  
NUCLIDE DATA, IN ONE  
VERY EASY-TO-USE  
PALM-BASED PROGRAM**

## ReSource™ Radioactive Sources Inventory and Tracking System

Know in an instant where any of your radioactive sources are, the total activity currently in your possession, when each was last inventoried, who is responsible for each one, who manufactured them, when each was last leak-tested, and where each is supposed to be...

**re:SOURCE** has the flexibility of customized software, incorporating features not usually available in "off-the-shelf" applications:

- specify a company logo to include on printed reports for a professional look
- track up to 6 used-specified license categories
- extensive built-in reports act as a repository for both individual sources and aggregate reports, allowing you to specify which data elements you want to include
- export information into other applications (Excel, Word, etc.)
- customize settings of interest to you: inventory period, advance tickler period, release threshold, etc.

Of course, **re:SOURCE** also performs the standard/basic inventory and tracking functions you expect:

- track inventory and leak test requirements of sources at multiple locations
- generate reminders for due and overdue inventory/leak tests
- track manufacturer and owner information
- calculate radioisotope decay -- each time the application runs, or more often, if you like
- indicate "okay-to-release" dates for sources decaying in storage
- determine which sources are due for inventory or leak test, as far in advance as you wish
- utilize a checklist approach to inventory/leak testing, to allow batch updates
- split sources and track lineage

**re:SOURCE** is easy to use, comprehensive and self-contained. It's the ONLY inventory control software you need!

