

## **Information of the modifications of each version of Radiolab with respect to the previous one**

- V 1.0.1 Changes in calendars to be compatible with Access 2010.
- V 1.0.2 Changes in some form views and improvements in the inventory module (query by product).
- V 1.0.3 Corrections in the traceability report by kit lot.  
Corrections in the notice of maximum activity exceeded in orders of radioactive products.  
New reports on controls, dispensing and marking.
- V 1.0.4 DTPicker mscomct2.ocx log for the correct functioning of the calendars.  
New expense reports on Orders and Billing on Dispensing.  
Password write protection to validate the radiochemical purity controls in the Labelling module.
- V 1.1 Control access to Radiolab by user password and user control in addition and modification of records.  
  
Correction in traceability by lot of generator and arrangements in validation of quality control.  
Printing worksheet in the Dispensing module  
Correct order on Radiopharmacy worksheet
- V 1.2 pdf files open directly in Acrobat, without the pdf viewer .  
Corrections in the numbering of the illusions of generators and in the labelling reports of vials.
- V 1.3 Labels for labelled vials. Warnings of erroneous radiopharmaceutical and overdose activity.  
Notice in importing prescriptions when there is no data to import.
- V 2.0 Buttons to allow editing and deletion of records in all modules with data entry. Large Dispensing Labels. Adding the "Apt" and "Comments" fields in the Generators module. Report of non-withdrawn generators.
- V 2.1 Various settings. Medium and large labels.
- V 2.2 List of doses of radiopharmaceuticals with and without filter. List of activity injected by radiopharmaceutical.
- V 3.0 Addition of Ga-68 generator in the Generators module.
- V 3.1 Improvement in the way of data entry in the labelling of cold kits with the inclusion of text boxes for ligands and their batches, and for radionuclides and their batches.
- V 3.2 Dosimetry: in the module of "Dispensation" the calculation, according to ICRP, of the effective dose of the patient has been added depending on the radiopharmaceutical administered, its activity and the age of the patient.
- V 3.3 Improved import of prescriptions. The DTPicker has been changed by the Access date selector. Custom contextual menus have been added in forms, subforms, and reports. In the Traceability module, the patient's effective dose has been included as a function of the radiopharmaceutical administered, its activity and the age of the patient. The Weight field and the Height field have been added to the Table of Monodosis.
- V 3.4 Addition of small, medium and large labels for radioactive products and cold kits.
- V 3.5 Effective doses are automatically calculated at two different times. Firstly, they are automatically calculated when you import the prescriptions in the Prescriptions section of the Dispensing module. And secondly, each effective dose is automatically recalculated when the administered radiopharmaceutical, its activity or the patient's age is modified in the Dispensing module.  
The Dosimetry section has been included in the Traceability module, which allows the reporting of the effective doses of all radiopharmaceuticals administered to every patient, as well as the cumulative total effective dose of all of them.
- V 3.6 The buttons to enable editing, addition, and deletion of records are now visible in both the form view and the datasheet view.

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- V 4.0 Each user can change their own password in the Maintenance module without relying on the Administrator. This new functionality is only active in the registered versions of Radiolab.  
The activity of the radionuclides in the Waste module is now shown in mCi and Bq. Only those radionuclides having at least a residual activity of 0.01 Bq are shown.  
The user who made the last backup of the Radiolab database is registered, and also when and where they made the backup is registered.  
Corrections have been made in the expense reports of the Orders module.
- V 4.1 Users can change the color of the main form of every module of Radiolab.
- V 4.2 The Stocks module shows the activity and volume remnants of each of the vials labelled with Tc-99m.