

Title: A practical workshop about four software applications of Nuclear Medicine and Radiopharmacy

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Keywords: Nuclear Medicine, Radiopharmacy, Traceability, Radiation dosimetry of radiopharmaceuticals, Interactions of drugs with radiopharmaceuticals, Adverse effects of radiopharmaceuticals

I. Abstract Body

This workshop will explain how to use four software applications on nuclear medicine and radiopharmacy.

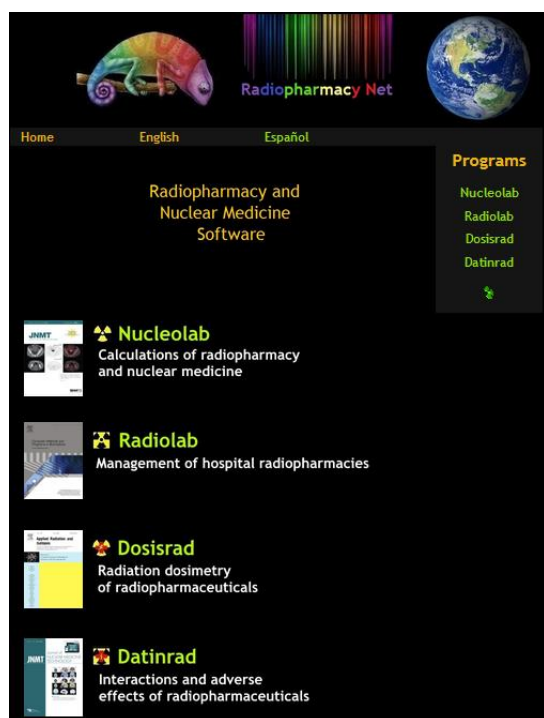
Nucleolab is a shareware application for performing calculations of nuclear medicine and radiopharmacy.

Radiolab is a shareware designed for comprehensive management of hospital radiopharmacies and institutes that prepare radiopharmaceuticals within their own facilities only for in-house use.

Dosisrad is a freeware program for automatic calculation of the radiation dosimetry of radiopharmaceuticals administered to patients.

Datinrad is a freeware database with information on interactions of drugs with radiopharmaceuticals and adverse effects of radiopharmaceuticals.

II. Image:



III. References:

- 1 Gómez Perales, J.L. and García Mendoza, A. Development of a Comprehensive Software Application for Calculations in Nuclear Medicine and Radiopharmacy. Journal of Nuclear Medicine Technology. 2010 Sep;38(3):153-62.
- 2 Gómez Perales, J.L. Development of a new software for comprehensive management and traceability of hospital radiopharmacies. Computer Methods and Programs in Biomedicine. 2013 Oct;112(1):166-72.
- 3 Gómez Perales, J.L. and García Mendoza, A. Freeware for reporting radiation dosimetry following the administration of radiopharmaceuticals. Applied Radiation and Isotopes. 2015 Sep;103:131-134
- 4 Gómez Perales, J.L. and Agudo Martínez, A. A Portable Database of Adverse Reactions and Drug Interactions with Radiopharmaceuticals. Journal of Nuclear Medicine Technology 2013 Sep;41(3):212-5

IV. Biography:

Degree in Chemistry at the University of Murcia, Spain (1992). Radiopharmacy Speciality at "Son Dureta" University Hospital, Palma de Mallorca, Spain (1997).

PhD at the Faculty of Medicine of Cádiz, Spain (2006).

He is from 1998 head of Radiopharmacy in the Nuclear Medicine Service of "Puerta del Mar" University Hospital, Cádiz, Spain.

He has published 11 papers in reputed journals and more than 40 communications to national and international congresses.

V. Presenting author details



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Session name/number:

Category: Workshop