

QC & OPTIMIZATION OF SPECT CLINICAL PROTOCOLS (ARCAL XXXII)

(RLA/6/036) E1 New

MODEL PROJECT

CORE FINANCING

YEAR	Experts		Group Activity	Equipment	Fellowships		Scientific Visits		Group Training	Sub-Contracts	Misc. Comp.	TOTAL
	m/d	US \$	US \$	US \$	m/d	US \$	m/d	US \$	US \$	US \$	US \$	US \$
1999	0/0	0	95,000	23,100	0/0	0	0/0	0	0	0	0	118,100
2000	0/0	0	145,000	0	0/0	0	0/0	0	0	0	0	145,000

First Year Approved: 1999

OBJECTIVES: To create standards and procedures to be used by services with SPECT systems and gamma camera equipment; to improve the use of the SPECT systems in the region to ensure their optimal exploitation and safe application; to implement a QA programme in the participating institutions.

BACKGROUND: In the past few years nuclear medicine departments in many countries in the region have been increasingly using SPECT systems. The greater the role of SPECT systems in medicine has enhanced the quality of gammagraphic studies and facilitated the use of this technology by more institutions. This project will train technical personnel in using the systems, and develop QC procedures.

PROJECT PLAN: Expert meetings will be held to prepare protocols on cardiology, other clinical protocols and a quality assurance programme to be implemented in the countries participating in the project. A validation of phantom prototypes by a group of experts will be carried out. Regional workshops on QC analysis of clinic protocols and the use of therapeutic radiopharmacy, and on QC analysis of clinical protocols of non-conventional SPECT equipment are included in the plan of activities.

NATIONAL COMMITMENT: National authorities will provide the personnel and infrastructure needed to host meetings and training events. The total contribution of the participant countries will be more than 70,000 US dollars. The participant countries are Argentina, Bolivia, Brazil, Chile, Colombia, Costa Rica, Cuba, the Dominican Republic, Ecuador, El Salvador, Guatemala, Mexico, Panama, Paraguay, Peru, Uruguay and Venezuela.

AGENCY INPUT: Support for expert meetings, workshops and working groups; some equipment and materials for the construction of phantoms for selected countries.

PROJECT IMPACT: The project will improve the quality of patient treatment in the participant countries using SPECT systems and gamma cameras.