Latin America Occupational Radiation Protection Optimization Network

Helen Khoury
hjkhoury@gmail.com
After the creation of the IAEA ORPNET network, regional networks were promoted globally.

June 2010- The NETWORK for the Latin American and Caribbean region was created by the participating countries of the IAEA project RLA 09/066, at the Instituto de Radioproteção e Dosimetria - IRD / CNEN in the city of Rio de Janeiro.
Initially the NETWORK was formed by one representative of the member countries

2010-2020- Developed many activities like: promote meetings and translate into Spanish and Portuguese posters of Occupational PR developed by ORPNET

In 2020 the NETWORK was restructured
REPROLAM RESTRUCTURING

New Statute: Changing the category of participants from one representative per country to individuals (full members) and institutions.

Number of Members - August 2021

Full members: 186
Institutions: 23
Structural Organization

Coordinator committee – Five members from diferente Countries

Coordinators of Technical Areas- Working Groups
Coordinator Committee

Coordinator
Helen Khoury – Brasil

IAEA representative
Rodolfo Cruz Suarez
Participa en el CD

Juan Carlos Mora-
New IAEA Officer

Daniel Molina
Cuba

Leslie Vironneau
Chile

Erica Pedemonti
Argentina

Inocencia Peralta
Paraguay
REPROLAM’S GOALS

To facilitate the exchange of information and an integrated practical approach to the principle of optimization of occupational radiation protection.

To maintain, to improve and to develop levels of competence in radiation protection in both normal and emergency situations.

To Harmonize occupational radiation protection policies and practices.

To identify and to survey public interest topics.

To contribute to integration and cooperation
New web-site design and publication: www.reprolam.com
MAIN ACTIVITIES DEVELOPED 2020-2021

Participation in Congresses - webinars

➢ Participation in the 49 Brazilian Congress of Radiology Round table: Challenges of radiation protection in nuclear medicine, October 14, 2020

- Challenges of radiation protection in nuclear medicine Claudio Tinoco
- Dosimetry & Radiation protection of Nuclear Medicine Workers Rodolfo Cruz Suarez
- How to optimize protocols in hybrid equipment? Lidia Vasconcelos

➢ Participation in IAEA Webinar: "TIPS AND TRICKS FOR INTERNAL DOSIMETRY PRACTICE IN OCCUPATIONAL RADIOLOGICAL PROTECTION ". October 8, 2020
MAIN ACTIVITIES DEVELOPED
2020-2021

WEBINARS PROMOTED

Webinar: Radiation Protection in Interventionism

Organization: REPROLAM
Collaboration: Brazilian College of Radiology
Brazilian Society of Interventional Radiology and Endovascular Surgery

Webinar: Experiences of the implementation of the National Dose Registry for Latin America and Spain.
11 March, 2021
MAIN ACTIVITIES DEVELOPED
2020-2021

WEBINARS PROMOTED

WEBINAR
Evaluaciones de Seguridad de Instalaciones y actividades. Hacia una Evaluación integral de la seguridad.
Panelistas
Cruz Durnéngio González
Director de Dirección de Tecnología Nuclear y Salvaespacios
México
Ramón López Morones
Director de Dirección de Tecnología Nuclear y Salvaespacios
México

WEBINAR
Bases para la Dosimetría Interna Ocupacional y Desafíos Actuales en la Región Latino Americana

Glady López Bajarana
Presidenta de la Agencia de Energía Nuclear y Tecnologías de Acelerador - Cuba

Duyana Ramos Machado
Responsable técnica del Laboratorio de Dosimetría Interna - CFIN - Cuba

Erick Mora Ramírez
Responsable del Laboratorio Científico de Dosimetría Interna - FENAMAR - Costa Rica

Nancy Puerta Yepes
Jefe del Despacho de Dosimetría Interna de la ASN - Argentina

22 de abril - 13 pm hora Brasilia (GMT – 3h)
31 de Marzo – 11:00h – Brasilia

Link: meet.google.com/rdf-khyd-not

Webinar: Security Evaluation in Installations and activities- January, 2021

Webinar: Bases for Internal Occupational Dosimetry and Current Challenges in the Latin American Region
MAIN ACTIVITIES DEVELOPED
2020-2021

WEBINARS PROMOTED

Webinar: Use of Computer Dosimetry in Supporting Radiological Emergencies
30 June, 2021

Webinar: Control Quality and Patient Radiation Protection in Latin America: development actions
August, 2021
MAIN ACTIVITIES DEVELOPED
2020-2021

➢ Survey to create regional directory on external dosimetry services.

➢ Follow up participation in EURADOS Intercomparison exercise for individual monitoring services in terms of Hp (10) and Hp(007). A total of 18 labs from Latin America & Caribbean are participating

➢ Publication of Newsletter:

➢ (English & Spanish)
MAIN ACTIVITIES DEVELOPED
2020-2021

Course prepared to October 2021

Virtual course for on-site control of internal exposure to I-131 in Nuclear Medicine Services

Course aimed for end users

Objectives:
- Provide theoretical concepts of cytogenetic tests and biomarkers and their applicability for dosimetric reconstruction in medical and industrial occupational overexposure.
Expand Reprolam's interaction with several radiological protection societies in the region
Thank you
Gracias