

Information and educational seminar on the application of radiation in medicine organized by WIN Cernavoda branch



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WIN Romania aims at playing an active role in the accurate dissemination of information regarding nuclear power. With this purpose, WIN Cernavoda NPP branch organized a seminar dedicated to the medical applications of nuclear power, hosted in Constanta, on the 7th of December 2012.

Why nuclear medicine? Because we are women, mothers, employees working in a nuclear organization and we thought it was important to inform and educate the public in the doctor – patient relationship. We believe that it is important for the doctors to be informed about recommending treatment with radiation sources and for the patients to be aware of the benefits and risks that these treatments involve.



We know that radiation is a part of our lives since we are conceived and that it has many benefits if it is used correctly. Life appeared on Earth in a radioactive environment (exposure to cosmic and ultraviolet rays, natural background radiation from the Earth's crust, waters and general biosphere) and it adapted over tens and hundred of millenniums to natural radiation. Aspects related to atomic and nuclear physics have started to play an increasing important part in modern day science and technology. The atom suddenly became the focus point and mankind looks with confidence and admiration at this mysterious and powerful source of energy which nature offered.

Thus, radiation started to play an important role in medicine, especially in diagnostics but also treatment.



In order to have a clear understanding of these aspects, we have invited specialized lecturer who presented very interesting information such as "Aspects regarding unjustified exposure in medicine in Romania", Felicia Steliana Popescu PhD and Vice President of SRRp and "The role of education/information in reducing medical exposure", presented by Camelia Avadanei, PhD at IFIN-HH.





Another interesting presentation for the WIN members of Cernavoda NPP branch was given by Ionica Ciortan MD, General Medic and PhD in Medical Science on the "Health, the most important aspect for a worker in a nuclear power plant".

The presentation given by WIN-Cernavoda NPP gave an outlook on the activities and interests of the organization.

The event was moderated by Mrs. Mitica Baraitaru, Head of Personnel Dosimetry laboratory – Cernavoda NPP.

The meeting was attended by WIN members, doctors from Constanta and students from the Medical University of Constanta.

The conclusion of all the participants was that both doctors and patients need to have an interrogative attitude regarding medical investigations.

The participants also had some proposal such as:

- Promoting the implementation of the « Imaging guide »
- Promoting the reopening of the Radio chemistry section of the University of Chemistry
- Promoting the computerized system for patient files to the attention of the Medical College. Since the file of the patient will be introduced in an electronic system, all doctors will be able to access it and monitor the personal evolution, test results, vaccinations, surgeries, medicines, etc).



The seminar was a success which motivated and determined us to continue our activities of public information and communication about the benefits of radiation when applied in peaceful uses, such as medicine.

The seminar concluded with the enlisting of new members to WIN Cernavoda branch.

