

A European Project for Creating the European Medical ALARA Network EMAN



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Project objectives

To **establish a sustainable European Medical ALARA Network (EMAN)** where different stakeholders within the medical sector will have the opportunity to discuss and to exchange information relating to the implementation of the ALARA principle in the medical field. The network covers the areas of education and training as well as continuous quality improvement.

To **support the European Commission (EC)** in its activities relating to the optimisation of radiation protection of individuals submitted to medical exposures. Specifically to identify and communicate to the EC needs for development and update of EU guidance. Formulate proposals to the EC on harmonisation issues and establish co-operation with appropriate international organisations and associations.

Project tools

- **Three Working Groups (WG)** on CT procedures, interventional radiology and x-ray procedures performed outside the x-ray department.
 - **Collect and disseminate up-to-date information** on patient and staff exposures and optimisation levels.
 - Identify **needs for development and update of guidance on optimisation of RP**.
 - Identify needs and collect **proposals to improve the European legislation**.
- **One Working Group** elaborates networking issues.

Some project findings

WG: CT procedures

Various special topics have been identified and addressed. Optimisation and justification of procedures are closely linked to each other. The European guidelines must be amended due to the fast technique development.

WG: Interventional radiology

In order to provide guidance for the professionals the procedures have been classified (low/medium high dose respectively). ORAMED will give a large input into the work of the WG.

WG: X-ray procedures performed outside the x-ray departments

Areas of special importance have been identified in order to guide professionals. An overview of training activities has been conducted.

WG: networking

In order to build a successful network the aims are:

The network must be **attractive** to join and work with. The network has to show **efficiency** when creating and presenting valuable products. In the network efficient **communications tools** have to be used. The network has to be operated by **enthusiastic members**.

Please visit our web site for further information: www.eman-network.eu

The network and conclusions from the project will be presented in a Workshop in spring 2012

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