

## Discussion on further developments and actions

- In terms of dissemination/implementation

- Drawing lessons for further developments on E&T
  - Some elements of RP culture in primary/high schools (use of new technologies, web, apps, youtube videos, etc.);
  - (stakeholders) Develop simple and representative examples;
  - (stakeholders) Use of cartoons for providing information.
  - Exploitation of existing E&T programmes (ERASMUS, ENEN project,...)
- Development of tools, guidelines, leaflets for disseminating RP culture
  - Systematic way to verify the implementation of the related guidelines;
  - Auditing, Information from EC RP No159, Quality indicators in radiotherapy [Cionini L1](#), [Gardani G](#), [Gabriele P](#), [Magri S](#), [Morosini PL](#), [Rosi A](#), [Viti V](#); [Italian Working Group General Indicator](#), [Dellis H](#). IAEA doc...;
  - Press releases (well respected (committed) at national level institutions, authorities, etc.) for advances in RP;
  - Special publications, sites for students (i.e. ISS, [paola.decastro@iss.it](mailto:paola.decastro@iss.it));
  - Web portals;
- Development of evaluation process of the development of RP culture
  - Internal surveys;
  - Stakeholders should be stimulated to participate in meetings, events. To feel that they are part of the decision;
  - Webinars and e-learning activities (including evaluation);
  - Procedures in the QM system.
- Identifying the role of national and international RP organisations in the development of RP culture
- Relationship between RP culture and scientific research developments in RP
- Involvement of journalist, mass-media

## ● In terms of dissemination/implementation

- Drawing lessons for further developments on E&T
- Development of tools, guidelines, leaflets for disseminating RP culture
- Development of evaluation process of the development of RP culture
- Identifying the role of national and international RP organisations in the development of RP culture
  - Involve local authorities and organizations in E&T activities;
  - Follow multidisciplinary approach;
- Relationship between RP culture and scientific research developments in RP
  - Strengthen the relationship (communication, cooperation) among clinical practitioners, industry and researchers;
  - Improve internal and external communication channels;
- Involvement of journalist, mass-media
  - Training of journalists on RP topics;
  - Provision of information to the public on a regular basis (for different issues on RP);
  - ICRPedia (as an example)

- In terms of further research
  - Role of RP culture, tolerability of risk and new development in radiological risk assessment
  - To find ways for quantitative assessment of risk/dose in the hospital environment;
  - Role of RP culture in the search for reasonableness
  - RP culture as part of public health issues (public health culture?) including the concept of well-being
  - To underline the peculiarities of NM procedures for patients, their relatives and the public;
  - To further stress out the need for justifying higher risk procedures (CT, pediatric exams);
  - Role of risk comparison with other domains for the development of RP culture
  - Complement the analysis of the role of RP culture in feedback from decision making processes in different domains involving radiological exposures including the analysis of the role of the different stakeholders

- In terms of further research
  - Environmental protection and RP culture
  - RP culture for addressing future generation issues
  - Role of social media in the development of RP culture
  - Possible contribution of Artificial Intelligence for developing RP culture
  - To extract further information related on RP;
  - To create related models;
  - Use of available algorithms to improve data analysis for optimization purposes (e.g. personalize therapies);
  - Possible contribution of the new development in citizens science for developing/integrating RP culture
  - Ethical issues associated with actions implemented to develop RP culture
  - To consider ethical aspects in the collection and analysis of data;
  - Ethical consideration for optimizing patient RP;
  - Considering ethical aspects in occupational exposure (special groups such as pregnant staff);
  - To reconsider ethical aspects of biomedical research;

- In terms of further research for specific exposure situations
  - Radon:
    - RP culture for the management of occupational exposures to radon
    - Which other developments?
  - Medical:
    - RP culture for patients – what is meant by Informed Consent, what is the aim of RP culture, with the distinction between exposure in the field of diagnostic or treatment, ...
      - To improve the information provided to the patients (and the procedures) in the framework of the informed consent procedure. To develop a methodology verify whether the patients have understood the information provided;
    - Which other developments?
      - To identify reliable/unreliable sources of information;
  - EP&R:
    - Which other developments?

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Fabio	BARAZZA	x		
Marie-Claire	CANTONE		x	
Tatiana	DURANOVA			x
Sotiris	ECONOMIDES		x	
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Joelle	GOYETTE	x		
Régine	GSCHWIND		x	
Maria	KOLOVOU	x		
Sandra	LAFAGE	x		
Ted	LAZO			x
Liudmila	LIUTSKO			x
Ciara	MCMAHON	x		
Dimitris	MITRAKOS			x
Christophe	MURITH			x
George	PAPADAKOS	x		
Antonella	ROSI		x	
Caroline	SCHIEBER	x		
Thierry	SCHNEIDER			x
Adriana	SOKOLIKOVA			x
Antonella	SORIANI		x	
Vasiliki	TAFILI			x
Virginia	TSAPAKI		x	
Catrinel	TURCANU			x
Carine	VREL	x		