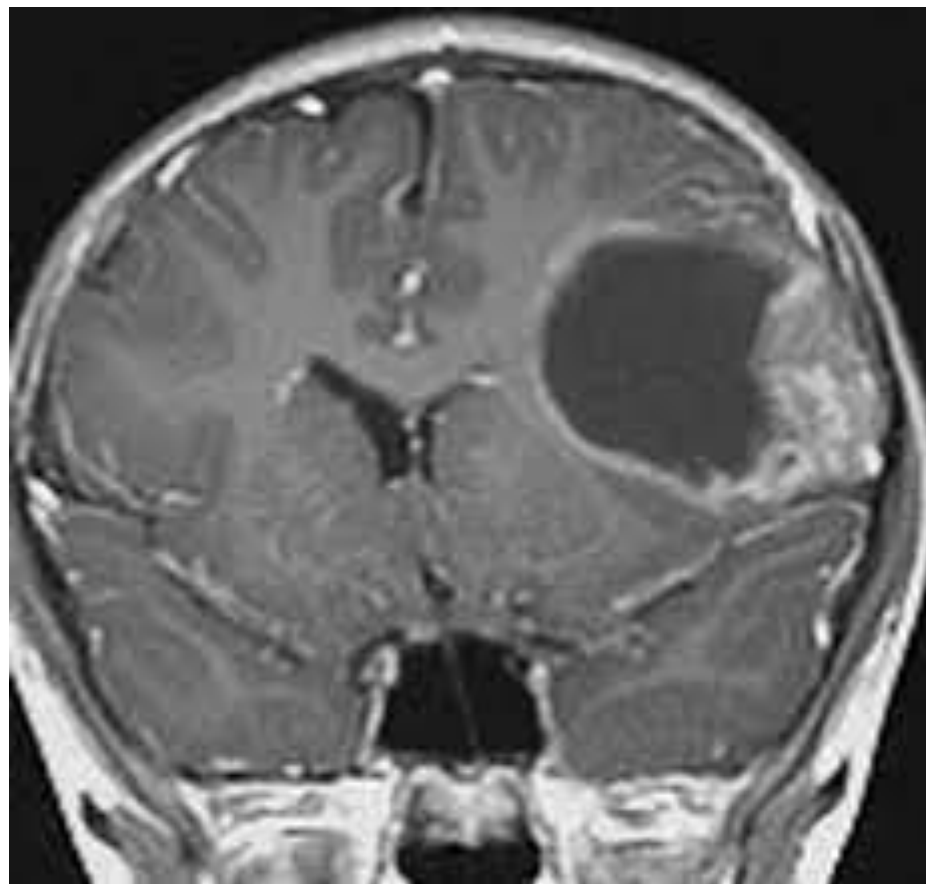




Call for Proposals on radiation safety and quality of computed tomography imaging of children and young adults - (CR-g-24-42)

Filip Maksan, DG ENER

Why?



Context

EPI CT cohort study shows excess of relative risk of brain cancers and lymphoma after radiation exposure from CT exams of children, adolescents and young adults

Everybody has the “right” to a CT scan – but is it always needed?

What we would like to fund

- review of referral guidelines for imaging, clinical guidelines, and clinical decision support systems in use in Member States
- review of the equipment base and the access to dedicated paediatric imaging in Member States for head imaging
- development of guidance, protocols and tools for optimisation of patient protection in paediatric head CT and other radiological imaging
- Information, dissemination, training and education

The outcome?

Decrease of brain and other cancers in children, adolescents and young adults!





*“This action plan will ensure that the EU continues to be the **global leader** in supplying **medical radioisotopes** and developing **radiological diagnostics and treatments**, while applying the **highest quality and safety standards**.”*



*“The **SAMIRA Action Plan** is our **first deliverable** under Europe's **Beating Cancer Plan**, and it is an excellent example of collaboration between the energy, health and research communities.”*



Security of supply of medical radioisotopes

- Launch of the European Radioisotope Valley Initiative (ERVI)
- Secure supply of source materials for production of radioisotopes
- Support to long-term sustainability of radioisotope production in Europe



Quality and safety of medical ionising radiation applications

- Launch of the European Initiative on Quality and Safety of medical applications
- Improvements to workforce availability, education and training
- Support for equal access to modern technology and interventions



Innovation and technological development

- Research roadmap for medical applications on ionising radiation technology
- Joint Health Technology Assessment of technologies and interventions involving ionising radiation



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#EUCancerPlan



Thank you



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