

*EU JUST CT* 

Session 5 panel discussion

How to improve justification  
National competent authority representative

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# Outline of the problem

## Basic principles of Radiation Protection in Medical Exposure

- **Optimisation**

- Some well established tools available to competent authorities
- DRLs, typical doses ...

- **Justification**

- Tools much less developed
- Referral guidelines, audits ...

- ~~**Dose limitation**~~

- Does not apply to medical exposure



# What do competent authorities do

- Level 1 justification
  - Accepted for medical exposure
- Level 2 (generic) justification
  - National systems mostly in place
- **Level 3 (individual) justification**
  - Check availability of referral guidelines
  - Check the justification process
    - advance justification
    - use of referral guidelines
  - Usually cannot check justification for individual patients

# What can competent authorities do

- Clinical audits
  - Peer-review
  - Methodology and standards of reference
  - **Confidentiality**
    - CA mostly check implementation, informed only in case of major issues
- Referral guidelines
  - How to measure conformity
    - Integrate into CDS, ...
  - How much deviation is OK and when
  - How to react

# Impact of EU JUST-CT

Results of the EU JUST-CT project are very valuable for competent authorities.

- Tools
  - Clear methodology
  - Well-defined standard of reference
- Data
  - Objective results
  - Comparable data

