

# **Dose constraints**

## **for carers and comforters**

### **ERPAN survey 2012**

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## Dose constraints

- carers and comforters
  - Individuals knowingly and willingly incurring an exposure to ionising radiation by helping , other than as part of their occupation, in support and comfort of individuals undergoing or having undergone medical exposure
  
- Dose constraints is encouraged by the Draft Euratom Basic Safety Standards Directive as well as by the IAEA Basic Safety Standards Draft
  
- Revision of the Swiss radiation protection legislation
  
- Switzerland want to define dose constraint for such individuals

## Dose constraints, compilation of answer

Country	Children	Pregnant women	Up to 60 years	Older then 60 years
Luxembourg	1 mSv	-	3 mSv	15 mSv
Czeck Republic	1 mSv / year	-	5 mSv / year	5 mSv / year
Greece	1 mSv / series	-	3 mSv / series	15 mSv / serie
Ireland	-	0.3 mSv / series	3 mSv / series	15 mSv / series
UK	-	-	5 mSv / series	-
France **	1 mSv / series	-	3 mSv / series	15 mSv / series
Germany	No	Dose	constraint	In legislation
Belgium	No	Dose	constraint	In legislation
Norway	No	Dose	constraint	In legislation

\*\* No dose constraint in legislation, in pratice applies

## Dose constraints, compilation of answer, resume

Children	Pregnant women	Up to 60 years	Older then 60 years
1 mSV	0.3 mSv	3 mSv to 5 mSv pro year or pro series	5 mSv to 15 mSv Pro year or pro series

- Many countries has no dose constraint in legislation, in practice applies
- For children limit is the same for all countries except Ireland and UK no limit
- Only one country is using a dose constraints for pregnant women (Ireland)
- For person up to 60 years dose constraint from 3 to 5 mSv
- For person older than 60 years dose constraint from 5 to 15 mSv
- Country have given dose constraint pro serie, pro year or without a time limit



**Thank you for your attention**



**Bern, Switzerland**