

Invites to the course:

**CT dosimetry and image optimisation for medical  
physicists**

**1-3 april 2009  
Ullevål university hospital, Oslo**

**Contents:**

**CT Technique**

Tube technology  
Radiation filtration  
Detector technology  
Automatic Exposure Control  
Reconstruction of the image

**Dose and Image**

Dosimetry in CT  
Basic parameters of image quality

**Optimisation**

Theory of optimisation in CT  
Image/dose optimisation projects - examples from  
the reality

**Hands on Workshops:**

- 1) Dosimetry – different methods, organ dose, effective dose and foetal dose
- 2) Image quality measurement
- 3) Radiology – anatomy, overview and EU guidelines...

**Panel debates:**

To buy equipment - what requirements and features shall we expect?  
Dosimetry in CT

**More information about the course will be sent medium December 2008.**

Best regards

*The course administration*

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