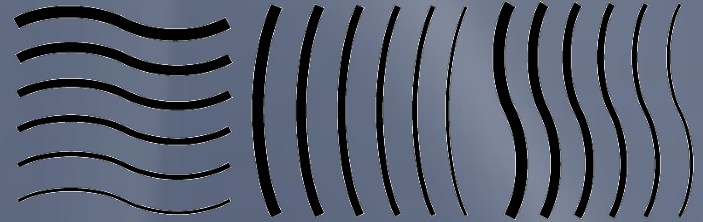


**Nederlandse Commissie voor
Stralingsdosimetrie**

Netherlands Commission on Radiation Dosimetry



Welcome

To the 6th NCS Lustrum

A Little History

- NCS started officially in 3 September 1982
 - Current chair: Jeroen van de Kamer (NKI-AVL, Amsterdam)
In total 11 members
 - <http://www.stralingsdosimetrie.nl/mission-statement.php>
- NCS platform re-vitalised 29 April 2010
 - Current chair : Kees Visscher (RIF, Leeuwarden)
In total 13 members
 - <http://www.stralingsdosimetrie.nl/stralingsbescherming-in-het-ziekenhuis.php>



Evolution of NCS Reports

- (Almost) all reports freely downloadable:
<http://www.stralingsdosimetrie.nl/ncs-report.php>
- Initially:
 - Description of level of expertise in the Netherlands
 - Much on Radiotherapy
- Currently
 - Description what **should** be the level of expertise in the Netherlands and abroad
 - More on QA in general
 - More Radiology



Reports since 2007

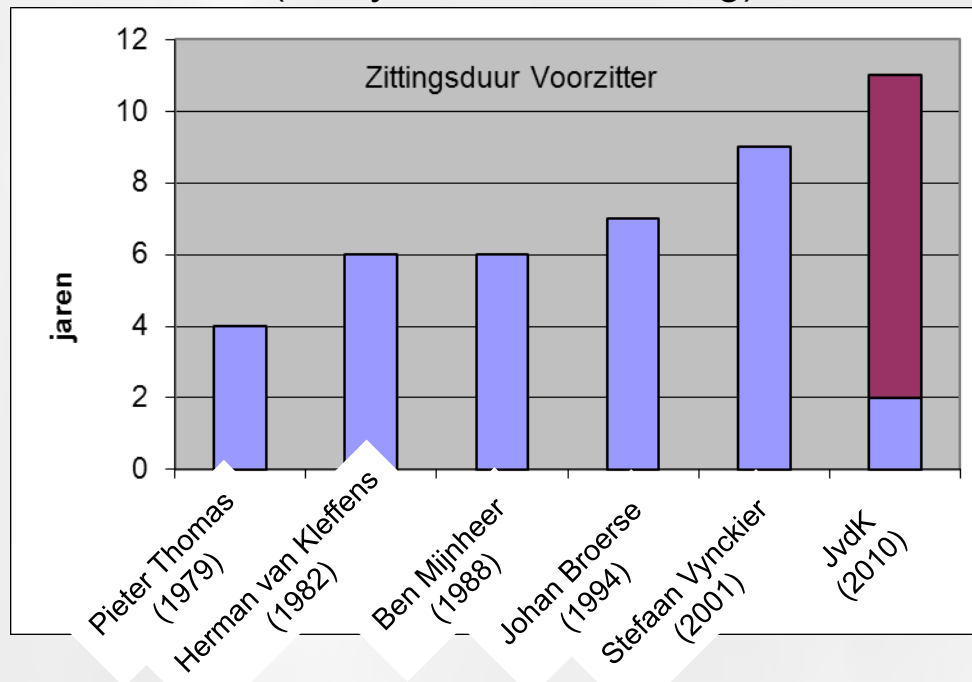
21. Diagnostische referentieniveaus in Nederland.
20. Dosimetry and quality control of brachytherapy with low-energy photon sources (^{125}I).
19. Code of practice for personal dosimetry of professionals wearing protective clothing during radiological procedures.
18. Code of Practice for the Absorbed Dose Determination in High Energy Photon and Electron Beams.
17. Dosimetrie in de Radiologie: Stralingsbelasting van de Patiënt en Werknemers.



The NCS Board

<http://www.stralingsdosimetrie.nl/all-members.php>

- NCS Board:
 - So far, ~40 former or present board members
 - Some for a long period
 - Hans Zoetelief (>20 years)
 - Frits Wittkämper (>18 years, and counting)
 - Dirk Zweers (>17 years, and counting)



But Enough of that, Let's Start

- Diagnostic Reference Levels
- Dosimetrie in de Nederlandse borstkanker
- In-vivo dosimetry in brachytherapy: technique and rationale
- Patient-specific QA using 3D EPID: future becomes reality
- In-vivo dose verification for proton therapy
- High and low dose regions in normal tissues in IMRT
- Late effects after radiation in childhood cancer survivors
- Cell survival following dose rate flattening filter free and conventional x-ray irradiation
- Cataract formation and radiation dose: see you in 10 years!
- Secondary Hp(3): need to reanimate the patient?



Have a pleasant and stimulating day

