

Nederlandse Commissie voor
Stralingsdosimetrie

Netherlands Commission on Radiation Dosimetry



Overview NCS Activities

Platform and subcommittees

www.radiationdosimetry.org

NCS Board

NCS Mission Statement

- Promoting the appropriate use of dosimetry of ionizing radiation
 - Participation in dosimetry standardisation
 - Promotion of dosimetry inter-comparison
 - Drafting of dosimetry protocols
 - Collection and evaluation of physical data related to dosimetry

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Supporting Societies

- NVRB
 - Radiobiology
- SBPH/BVZF
 - Belgian Medical Physics Experts
- NVKF
 - Dutch Medical Physics Experts
- NVRO
 - Radiation Oncologists, Physicists and Radiobiologists
- NVvR
 - Radiologists
- NVNG
 - Nuclear Medicine Physicians
- NVKFM
 - Medical Physics Engineers
- NVMBR
 - Technologists
- NVS
 - Radiation Safety Experts

In short: all professional societies frequently dealing with radiation in hospitals

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Structure

Board

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Platform
(political)

Subcommittee 1

Subcomm 2

Subcomm 3

Subcomm 4


Representative from the board in platform and all subcommittees

Platform

- Permanent
- Dealings with government etc.
- If practical projects → NCS board → subcie

Subcie:

- Clear project definition + goals
- Decommissioned after finish
- 'Temporary' (+/- 4 years)



Board

NAME		AFFILIATION
Jeroen van de Kamer	<i>Chairman</i>	NVRO
Tom Grimbergen	<i>Vice-Chairman</i>	NVS
Jacco de Pooter	<i>Secretary</i>	VSL/NMi
Joep Hermans	<i>Treasurer</i>	NVKFM
Alex Rijnders		SBPH/BVZF
Nanko de Graaf		NVvR
Frits Wittkämper		NVKF
Marloes de Fluiter – Zeeman		NVMBR
Johan de Jong		NVNG
Peter Sminia & Klaas Franken		NVRB

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Platform

NAME		AFFILIATION
Peter Brands	<i>Chair</i>	NVKF
Kitty Hoonstra	<i>Secretary</i>	NVS
Bradley Pieters		NVRO
Marja Harbers		NVKFM
Niels Veltman		NVNG
Herman Pieterman		NVvR
Kirsten Schimmel		NVZA
Alie Vegter		NVMBR
Jan Habraken		NVNG
Jeroen van de Kamer		NCS

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NCS Board and Platform

- NCS board started officially on 3 September 1982
 - In total 11 members
 - <http://radiationdosimetry.org/>
 - Initiation, coordination and guidance for scientific projects (subcommittee).
 - Asserting quality of NCS publications.

- NCS platform re-vitalised 29 April 2010
 - New chair: Peter Brands
In total 10 members
 - <http://radiationdosimetry.org/platform/activities/>
 - Interlocutor for government.
 - Solving practical problems regarding 'the law' (Bbs).
 - Educational level when working with radiation

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Current Activities Platform

- Besluit Basisveiligheidsnormen Stralingsbescherming (Bbs)
 - Lead Aprons
 - Liquid radioactive waste
 - Regulator Medical application radiation
(Toezichthoudend Medewerker Stralingsbescherming - Medische Toepassingen: TMS-MT)
- Revision RIAS (RD)
- Traveling radioactive patients and customs
- RIVM reports
- Diagnostic Reference Levels (DRNs); children (PiDRLs)

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Current Activities Subcommittees

- Finalising report (submitted to phiRO)
 - Audit for high-energy electron beams
 - IMRT & VMAT/RapidArc Audit
- Almost finished
 - Quality assurance of cone-beam CT
 - QA of Afterloaders for Brachytherapy
- Well underway
 - Code of Practice for Total Body Irradiation and Total Skin Irradiation
 - Guidelines for Calibration and Dosimetry of the Eye Lens
 - Practice Guideline for Beam **Proton Therapy**
 - Recommendations for Stereotactic Body Radiotherapy
- Just started
 - Quality Control for linear accelerators
 - MRI QA for RT

This could not have been done without the help of almost **100 volunteers**,
6 of them participating in more than one subcommittee.
Thank you all!

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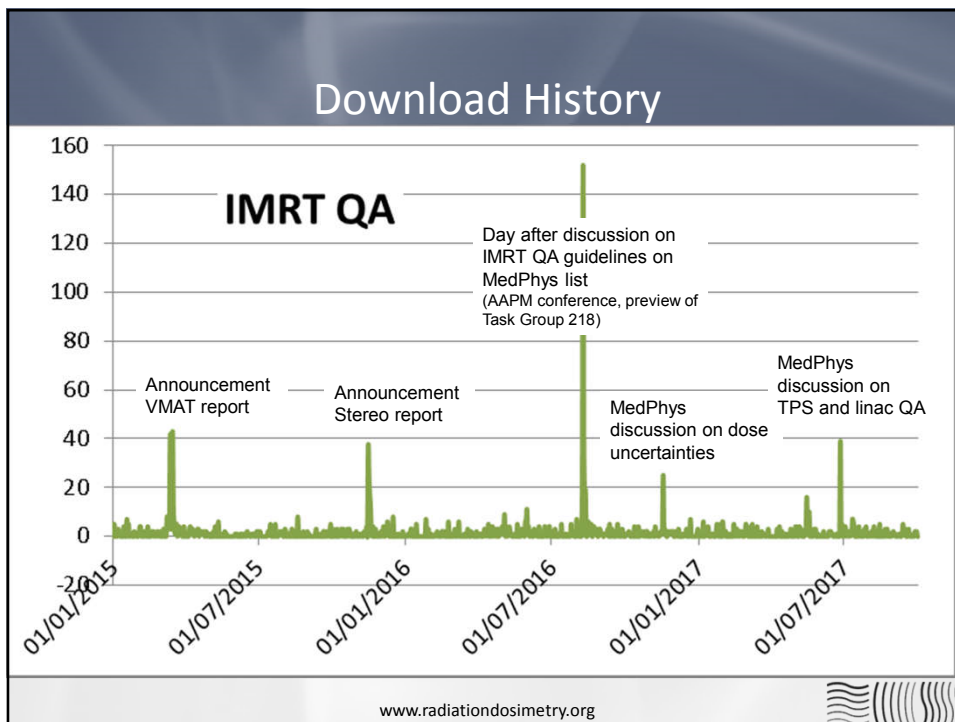
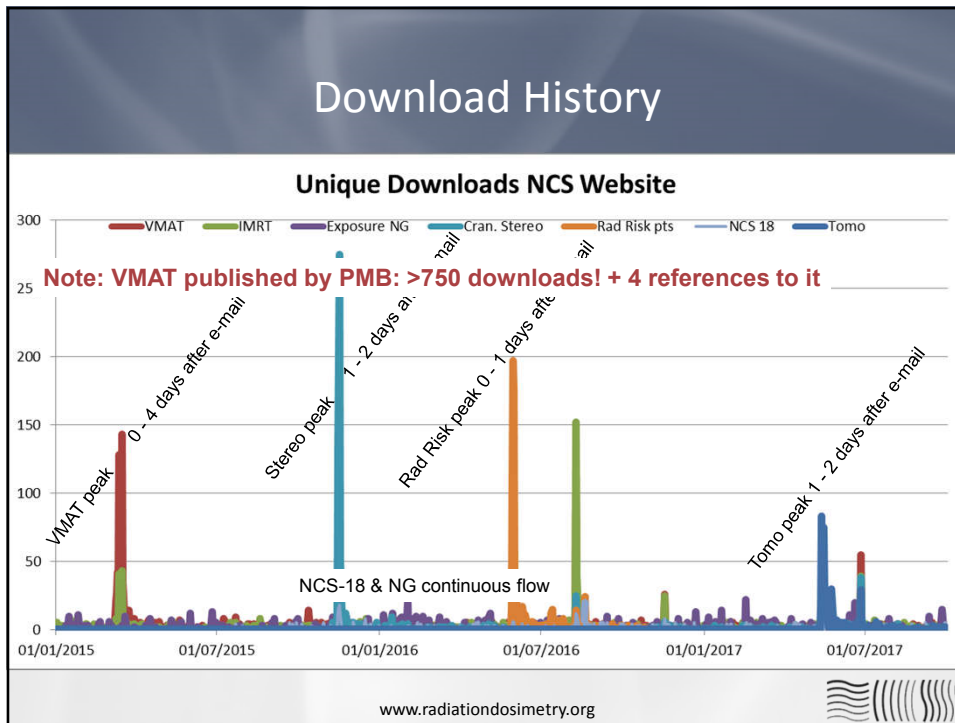


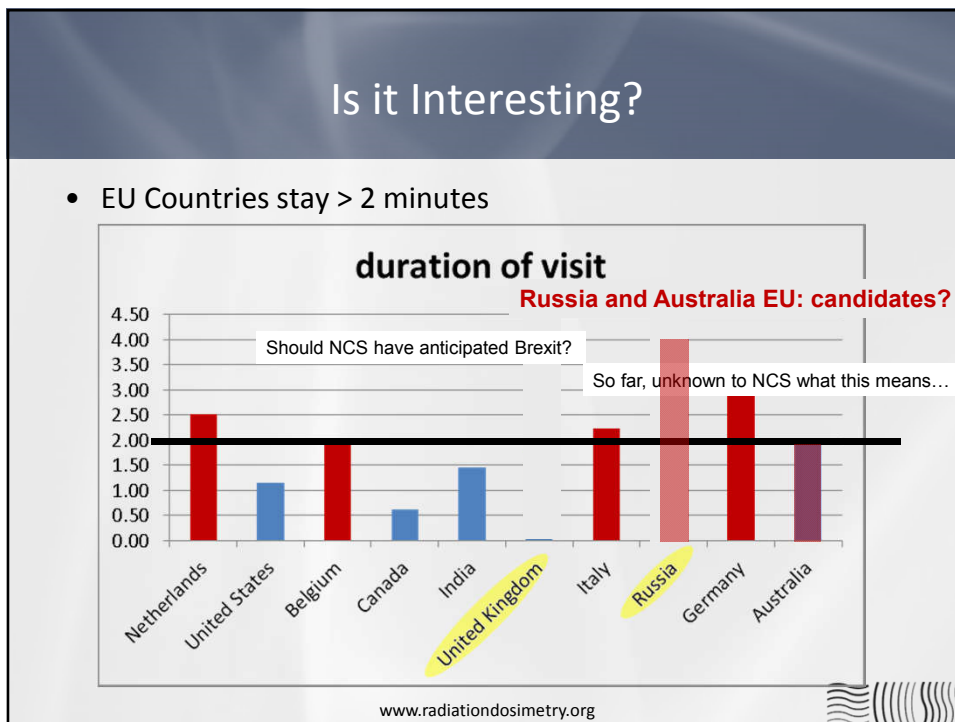
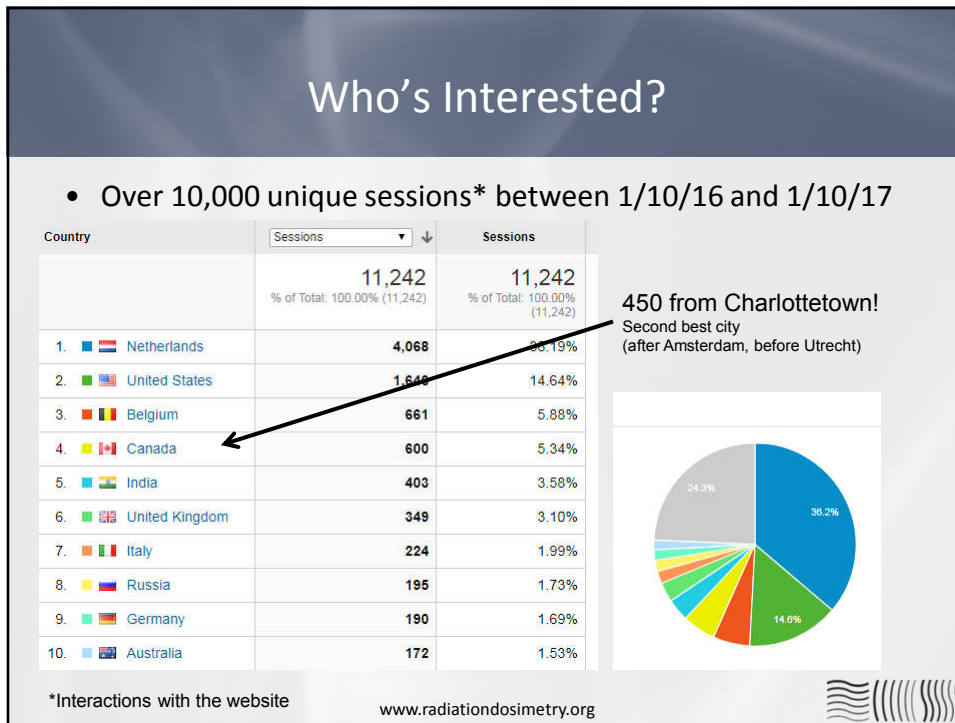
Why Do we Do it?

- Top 7 downloads (1/10/14 – 1/10/17)
 1. IMRT (>2500)
 2. VMAT (2086)
 3. Stereotactic RT (1044)
 4. NG exposure due to accidents (1001)
 5. Radiation Risk for Volunteers (905)
 6. NCS 18: dose to water (>800)
 7. TomoTherapy (~500)

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Conclusion

- The NCS is very much alive
- The platform is getting more and more involved in politics...
- NCS produces **practical** and **widely appreciated** reports

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Whom to Thank?

- All previous and current subcommittee members
- All previous and current platform and board members
- So, as a representative of these...
- We'd like to thank the former NCS board chairs:
 - Pieter Thomas
 - Herman van Kleffens
 - Ben Mijnheer
 - Johan Broerse
 - Stefaan Vynckier

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And Finally...

- Thank you
 - The Chairs for Charing
 - The Speakers for Speaking
 - The Audience for Applause



- So now: Drinks



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