



## UvA-DARE (Digital Academic Repository)

### Pulsed-dose rate brachytherapy in prostate cancer

Pieters, B.R.

**Publication date**  
2010

[Link to publication](#)

#### **Citation for published version (APA):**

Pieters, B. R. (2010). *Pulsed-dose rate brachytherapy in prostate cancer*. [Thesis, fully internal, Universiteit van Amsterdam].

#### **General rights**

It is not permitted to download or to forward/distribute the text or part of it without the consent of the author(s) and/or copyright holder(s), other than for strictly personal, individual use, unless the work is under an open content license (like Creative Commons).

#### **Disclaimer/Complaints regulations**

If you believe that digital publication of certain material infringes any of your rights or (privacy) interests, please let the Library know, stating your reasons. In case of a legitimate complaint, the Library will make the material inaccessible and/or remove it from the website. Please Ask the Library: <https://uba.uva.nl/en/contact>, or a letter to: Library of the University of Amsterdam, Secretariat, P.O. Box 19185, 1000 GD Amsterdam, The Netherlands. You will be contacted as soon as possible.

## LIST OF PUBLICATIONS

### Papers, this thesis

**Pieters BR**, van der Grient JNB, Blank LECM, Koedooder K, Hulshof MCCM, de Reijke TM. Minimal displacement of novel self-anchoring catheters suitable for temporary prostate implants. *Radiother Oncol*. 2006; 80:69-72.

**Pieters BR**, van de Kamer JB, van Herten YRJ, van Wieringen N, D'Olieslager GM, van der Heide UA, Koning CCE. Comparison of biologically equivalent dose-volume parameters for the treatment of prostate cancer with concomitant boost IMRT versus IMRT combined with brachytherapy. *Radiother Oncol*. 2008; 88:46-52.

**Pieters BR**, de Back DZ, Koning CCE, Zwinderman AH. Comparison of 3 radiotherapy modalities on biochemical control and overall survival for the treatment of prostate cancer; a systematic review. *Radiother Oncol*. 2009; 93:168-173.

**Pieters BR**, Geijsen ED, Koedooder K, Blank LECM, Rezaie E, van der Grient JNB, de Reijke TM, Koning CCE. Treatment results of PDR brachytherapy combined with external beam radiotherapy in 106 patients with intermediate- to high-risk prostate cancer. *Int J Radiat Oncol Biol Phys*. DOI: 10.1016/j.ijrobp.2009.12.044.

**Pieters BR**, Rezaie E, Geijsen ED, Koedooder K, van der Grient JNB, Blank LECM, de Reijke TM, Koning CCE. Development of late toxicity and IPSS resolution after external beam radiotherapy combined with PDR brachytherapy for prostate cancer. *Int J Radiat Oncol Biol Phys*. DOI: 10.1016/j.ijrobp.2010.05.044.

### Papers, other

van Asten WN, Beijneveld WJ, **Pieters BR**, van Lier HJ, Wijn PF, Skotnicki SH. Assessment of aortoiliac obstructive disease by Doppler spectrum analysis of blood flow velocities in the common femoral artery at rest and during reactive hyperemia. *Surgery*. 1991; 109:633-639.

**Pieters BR**, van Daal WA. Spinale epidurale metastasen (brief aan de redactie). *Ned Tijdschr Geneesk*. 1992; 136:242.

**Pieters BR**, Maher M, Gerbaulet AL. Brachytherapy in the management of breast cancer: A review. *Cancer Treat Rev*. 1996; 21:527-539.

Hurkmans CW, Saarnak AE, **Pieters BR**, Borger JH, Bruinvis IA. An improved technique for breast cancer irradiation including the locoregional lymph nodes. *Int J Radiat Oncol Biol Phys*. 2000; 47:1421-1429.

Hurkmans CW, Borger JH, Bos LJ, van der Horst A, **Pieters BR**, Lebesque JV, Mijnheer BJ. Cardiac and lung complication probabilities after breast cancer irradiation. *Radiother Oncol*. 2000; 55:145-151.

Hurkmans CW, Borger JH, **Pieters BR**, Russell NS, Jansen EP, Mijnheer BJ. Variability in target volume delineation on CT scans of the breast. *Int J Radiat Oncol Biol Phys*. 2001; 50:1366-1372.

**Pieters BR**, Saarnak AE, Steggerda MJ, Borger JH. A method to improve the dose distribution of interstitial breast implants using geometrically optimized stepping source techniques and dose normalization. *Radiother Oncol*. 2001; 2001:63-70.

Saarnak A, Hurkmans CW, **Pieters BR**, Valdés Olmos RA, Schultze Kool RJ, Hart AA, Muller SH. Accuracy of internal mammary lymph node localization using lymphoscintigraphy, sonography and CT. *Radiother Oncol*. 2002; 65:79-88.

**Pieters BR**, Hart AA, Russell NS, Jansen EP, Peterse JL, Borger J, Rutgers EJ. A comparison in cosmetic outcome between per-operative interstitial breast implants and delayed interstitial breast implants after external beam radiotherapy. *Radiother Oncol*. 2003; 67:159-164.

Uitterhoeve ALJ, Koolen MGJ, van Os RM, Koedooder K, van de Kar M, **Pieters BR**, Koning CCE. Accelerated high-dose radiotherapy alone or combined with either concomitant or sequential chemotherapy; treatments of choice in patients with non-small cell lung cancer. *Radiat Oncol*. 2007; 2:1-10.

Koedooder K, van Wieringen N, van der Grient HNB, van Herten Y, **Pieters BR**, Blank LECM. Safety aspects of pulsed dose rate brachytherapy: Analysis of errors in 1,300 treatment sessions. *Int J Radiat Oncol Biol Phys*. 2008; 70:953-960.

van Herten YRJ, van de Kamer JB, van Wieringen N, **Pieters BR**, Bel A. Dosimetric evaluation of prostate rotations and their correction by couch rotations. *Radiother Oncol*. 2008; 88:156-162.

Piet AHM, Hulshof MCCM, **Pieters BR**, Pos FJ, de Reijke TM, Koning CCE. Clinical results of a concomitant boost radiotherapy technique for muscle-invasive bladder cancer. *Strahlenther Onkol*. 2008; 184:313-318.

Blank LE, Koedooder K, **Pieters BR**, van der Grient HN, van de Kar M, Buwalda J, Balm AJ, Merks JH, Strackee SD, Freling NJ, Koning CC. The AMORE protocol for advanced-stage and recurrent nonorbital rhabdomyosarcoma in the head-and-neck region of children: A radiation oncology view. *Int J Radiat Oncol Biol Phys*. 2009.

Blank LE, Koedooder K, van der Grient HN, Wolffs NA, van de Kar M, Merks JH, **Pieters BR**, Saeed P, Baldeschi L, Freling NJ, Koning CC. Brachytherapy as part of the multidisciplinary treatment of childhood rhabdomyosarcomas of the orbit. *Int J Radiat Oncol Biol Phys*. Doi:10.1016/j.ijrobp.2009.06.015.

Haverkort MAD, van de Kamer JB, **Pieters BR**, van Tienhoven G, Assendelft E, Lensing AL, van Herk M, de Reijke TM, Stoker J, Koning CCE. Position verification for prostate: effect on rectal wall dose. *Int J Radiat Oncol Biol Phys*. Doi:10.1016/j.ijrobp.2010.02.016.

**Book**

**Pieters BR**, Bartelink H. The role of hormonal treatment for locally advanced breast cancer. In: Dixon JM, ed. *Breast Cancer: Diagnosis and management*, Amsterdam: Elsevier. 2000; 405-410.