

CURRICULUM VITAE

Prof. Dr. Gert De Meerleer, University Ghent

Responsible physician for IMRT and IMAT for pelvic tumours (urologic and gynaecologic tumours)

STUDIES

Graduated as MD in 1994 at Ghent University, Belgium

- **Postgraduate training in radiation oncology**

1994-1999 University Hospital, Gent, Belgium, Department of Radiotherapy

Aug. 1999 Board Certification as Radiotherapist - Oncologist by the Belgian Ministry of Public Health.

- **Additional training**

1999-2000 Resident at the department of Radiotherapy and Oncology, O.L.V. Hospital, Aalst, Belgium

- **Doctoral (Ph.D.) thesis**

May 2000 Multileaf collimation and intensity modulated radiotherapy: initial clinical applications.
Ghent University, Belgium.

SCIENTIFIC AWARDS

2000-2006 Post-doctoral (post-PhD.) fellow of the "Fonds voor Wetenschappelijk Onderzoek - Vlaanderen"

1995 Spring-Meeting of the Belgian Society of Radiotherapists and Oncologists, Junior Presentations, First price.

1997 Spring-Meeting of the Belgian Society of Radiotherapists and Oncologists, Junior Presentations, Third price.

1998 Spring-Meeting of the Belgian Society of Radiotherapists and Oncologists. Junior Presentations, Second price.

1998 ESTRO Physics Award, first price.

2005 Clinical Research Grant donated by the "Belgische Federatie tegen Kanker" for a value of 130.000 Euro.

2006 Clinical Research Grant donated by the "Centrum voor Gezwelziekten" for a value of 25.000 Euro.

FUNCTIONS AND NOMINATIONS

- Staff member of the department of Radiotherapy, University Hospital Gent. Responsible physician for the urologic and gynaeco-pelvic malignancies.
- Director of the ESTRO multidisciplinary teaching course on prostate cancer.
- Co-ordinator of a research fund of the 'Belgische Federatie tegen Kanker'. This fund finances parts of the fundamental and clinical research concerning prostate cancer at Ghent University Hospital.
- Co-ordinator of a research fund of the 'Centrum voor Gezwelziekten'. This fund finances parts of the fundamental and clinical research concerning prostate and cervical cancer at Ghent University Hospital.
- Teacher at the ESTRO teaching course on image-guided radiotherapy.

HOBBIES

Piano playing (jazz); travelling and wildlife viewing; literature.

PUBLICATIONS

Registered, peer-reviewed (A1) publications:

30 from which about 60% deal with IMRT and/or image-guided radiation therapy.

References

1. De Meerleer G, Vakaet L, De Gerssem W, De Wagter C, De Naeyer B, De Neve W. Radiotherapy of prostate cancer with or without intensity modulated beams: a planning comparison. Int J Radiat Oncol Biol Phys 2000; 47: 639-648.
2. De Meerleer G, Vakaet L, De Gerssem W, Villeirs G, De Neve W. Direct segment aperture and weight optimisation for intensity modulated radiotherapy of prostate cancer. Strahlenther Onkol 2004; 3: 136-143.
3. De Meerleer G, Villeirs G, Vakaet L, Delrue J, De Neve W. The incidence of inclusion of the sigmoid colon and small bowel in the planning target volume in radiotherapy for prostate cancer. Strahlenther Onkol 2004; 180: 573-581.
4. De Meerleer G, Vakaet L, Meersschout S, Villeirs G, Verbaeys A, Oosterlinck W, De Neve W. Intensity Modulated Radiotherapy as primary treatment for prostate cancer: acute toxicity in 114 patients. Int J Radiat Oncol Biol Phys 2004; 60: 777-787.
5. Villeirs G, De Meerleer G, Verstraete K, De Neve W. Magnetic resonance assessment of prostate localization variability in intensity-modulated radiotherapy for prostate cancer. Int J Radiat Oncol Biol Phys 2004; 60: 1611-1621.
6. De Meerleer G, Villeirs G, Bral S, Paelinck L, De Gerssem W, Dekuyper P, De Neve W. The magnetic resonance detected intraprostatic lesion in prostate cancer: planning and delivery of intensity-modulated radiotherapy. Radiother Oncol 2005; 75: 325-333.

7. Villeirs G, Van Vaerenbergh K, Vakaet L, Bral S, Claus F, De Neve W, Verstraete K, De Meerleer G. Interobserver delineation variation using CT versus combined CT + MRI in intensity-modulated radiotherapy for prostate cancer. *Strahlenther Onkol* 2005; 75: 325-333.
8. De Meerleer G, Fonteyne V, Vakaet L, Villeirs G, Denoyette L, Verbaeys A, Lumen N, De Neve W. Intensity- modulated radiation therapy for prostate cancer: late morbidity and results on biochemical control. *Radiother Oncol* 2007; 82: 160-166.
9. Fonteyne V, De Neve W, Villeirs G, De Wagter C, De Meerleer G. Late radiotherapy-induced lower intestinal toxicity (RILIT) of intensity-modulated radiotherapy for prostate cancer: the need for adapting toxicity scales and the appearance of the sigmoid colon as co-responsible organ for lower intestinal toxicity. *Radiother Oncol* 2007; 84: 156-163.
10. Villeirs GM, De Meerleer GO. Magnetic resonance imaging (MRI) anatomy of the prostate and application of MRI in radiotherapy planning. *Eur J Radiol* 2007; 63: 361-368.
11. Fonteyne V, Villeirs G, Speleers B, De Neve W, De Wagter C, Lumen N, De Meerleer G. Intensity-modulated radiotherapy as primary therapy for prostate cancer: report on acute toxicity after dose escalation with a simultaneous integrated boost on the intraprostatic lesion. *Int J Radiat Oncol Biol Phys* 2008; *In Press*.