CV summary

Title & full name: Mirjam E. Mast, MSc

Profession: Staff member Research & Development RCWEST

Institute, city, country: Radiotherapy Centre West

Contact details: Radiotherapy Centre West, Lijnbaan 32, 2512 VA, Postbus 432, 2501 CK

The Hague, Tel: +31 (0)70 330 2013, Fax: +31 (0) 70 330 3254, m.mast@mchaaglanden.nl

Qualifications / education:

1990 - 1994	HBO-Medical Imaging and Radiation Techniques (Bachelor's Course – Hogeschool Haarlem, Haarlem, The Netherlands)
2000 - 2003	Master of Science in Radiation-Oncology in Europe (Masters Course – Graduate School of Health, Haarlem, The Netherlands)
2006 - 2009	Postinitieel masteronderwijs epidemiologie, Institute for research in extramural medicine, EMGO instituut, VUMC, Amsterdam

Main areas of professional interest/specialisation:

Breast cancer, IGRT

Professional experience/appointments:

1994 – 2003: RTT; professional specialisation: brachytherapy; treatment planning

2003 – present: Staff member Research&Development; PhD student

Research interests: Breathing adapted radiotherapy; optimalisation of the radiation therapy treatment

Professional membership & associations:

Integraal Kankercentrum NL, West, Werkgroep Radiotherapie & Werkgroep Hoofd Hals tumoren

Nederlandse Vereniging voor Medische Beeldvormende Radiotherapeutische technieken

European Organisation for Research and Treatment of Cancer

ESTRO 'European Society for Therapeutic Radiology and Oncology'; RTT committee; co-Chair ESTRO 35, 2016; ACROP; EIBIR.

Nederlandse vereniging voor Epidemiologie

Top most international scientific publications/books:

Publications

- R Wiggenraad, M Mast, J van Santvoort, M Hoogendoorn, H Struikmans. A 3D conformal parotid gland sparing irradiation technique for bilateral neck treatment as an alternative to IMRT. Strahlenther Onkol. 2005 Oct;181(10):673-682.
- Marina Giezen, Erik Kouwenhoven, Astrid N. Scholten, Emile G. Coerkamp, Mark Heijenbrok, Wim P.A. Jansen, Mirjam E. Mast, Anna L. Petoukhova, Henk Struikmans. Magnetic Resonance Imaging- Versus Computed Tomography-Based Target Volume Delineation of the Glandular Breast Tissue (Clinical Target Volume Breast) in Breast-Conserving Therapy: An Exploratory Study. Int J Radiat Oncol Biol Phys. 2011 Nov 1;81(3):804-11.
- Marina Giezen, Erik Kouwenhoven, Astrid N. Scholten, Emile G. Coerkamp, Mark Heijenbrok, Wim P.A. Jansen, Mirjam E. Mast, Anna L. Petoukhova, Henk Struikmans. MRI versus CT based volume delineation of the lumpectomy cavity (LC) in supine position in breast conserving therapy. IJROBP, 2012 March 15;82(4):1332-40.
- Mast ME, Heijenbrok MW, Petoukhova AL, Scholten AN, Schreur JH, Struikmans H. Preradiotherapy Calcium Scores of the Coronary Arteries in a Cohort of Women with Early-Stage Breast Cancer: A Comparison with a Cohort of Healthy Women. Int J Radiat Oncol Biol Phys. 2012 July 1;83(3):853-8.
- Wiggenraad R1, Verbeek-de Kanter A, Mast M, Molenaar R, Kal HB, Lycklama à Nijeholt G, Vecht C, Struikmans H. Local progression and pseudo progression after single fraction or fractionated stereotactic radiotherapy for large brain metastases. A single centre study. Strahlenther Onkol. 2012 Aug;188(8):696-701.
- Mast ME, van Kempen-Harteveld L, Heijenbrok MW, et al: Left-sided breast cancer radiotherapy with and without breath-hold: Does IMRT reduce the cardiac dose even further? Radiother Oncol 108: 248-53, 2013.
- Mirjam Mast, Emile Coerkamp, Mark Heijenbrok, Astrid Scholten, Wim Jansen, Erik Kouwenhoven, Jasper Nijkamp, Stephanie de Waard, Anna Petoukhova and Henk StruikmansTarget volume delineation in breast conserving radiotherapy: are co-registered CT and MR images of added value? Radiation Oncology 2014, 9:65

Books

'Techniek in de radiotherapie', redactie: A. Froma, M. Mast, H. Welleweerd. Elsevier Gezondheidszorg, 2007.