

LIST OF PUBLICATIONS

- Clinical outcome of stage I/II melanoma patients after selective sentinel lymph node dissection: Long-term follow-up results - RJCLM Vuylsteke, PAM van Leeuwen, MG Stadius Muller, HA Gietema, DR Kragt and S Meijer; *J Clin Oncology* 2002
- Predicting nonsentinel lymph node involvement in stage I/II melanoma, letter to the editor - HA Gietema, RJCLM Vuylsteke, PJ van Diest, S Meijer, PAM van Leeuwen; *Annals of surgical oncology* 2003
- Sentinel lymph node investigation in melanoma: detailed analysis of the yield from step section and immunohistochemistry - HA Gietema, RJCLM Vuylsteke, IA de Jonge, PAM van Leeuwen, BG Molenkamp, JRM van der Sijp, S Meijer, PJ van Diest; *J Clin Pathology* 2004
- Local administration of Granulocyte/Macrophage Colony-stimulating Factor increases the number and activation state of dendritic cells in the sentinel lymph node of early-stage melanoma - RJCLM Vuylsteke, BG Molenkamp, HA Gietema, PAM van Leeuwen, PGJTB Wijnands, W Vos, PJ van Diest, RJ Scheper, S Meijer and TJ de Gruijl; *Cancer research* 2004
- Metastatic tumor load in the sentinel lymph node in stage I/II melanoma: A strong predictor of additional lymph node involvement and survival - RJCLM Vuylsteke, PAM van Leeuwen, PJ Borgstein, HA Gietema, MG Stadius Muller, PJ van Diest, JRM van der Sijp, S Meijer; *Annals of surgical oncology* 2005
- Local noise weighted filtering for emphysema scoring of low-dose CT images - AM Schilham, B van Ginneken, HA Gietema, M Prokop, *IEEE Trans Med Imaging*. 2006
- Pulmonary nodules detected at lung cancer screening: Interobserver variability of semiautomated volume measurements - HA Gietema, Y Wang, DM Xu, R van Klaveren, H de Koning, E Scholten, J Verschakelen, G Kohl, M Oudkerk, M Prokop, *Radiology* 2006;241:251-257
- Nodule management protocol of the NELSON randomised lung cancer screening trial - DM Xu, HA Gietema, Mathias Prokop, Harry de Koning, René Vernhout, Kristiaan Nackaerts, Carla Weenink, Jan-Willem Lammers, Harry Groen, Matthijs Oudkerk, Rob van Klaveren, *Lung Cancer*. 2006 Nov;54(2):177-84

- Accuracy of automated volumetry of pulmonary nodules across different multislice CT scanners - M Das, J Ley-Zaporozhan, HA Gietema, A Czech, G Muhlenbruch, AH Mahnken, M Katoh, A Bakai, M Slganicoff, S Diederich, M Prokop, HU Kauczor, RW Gunter, JE Wildberger *Eur Radiol. 2007 Jan 6; (Epub ahead of print)*
- Monitoring of smoking-induced emphysema with multidetector-row computed tomography in a lung cancer screening setting: What is the minimum increase in emphysema scores required to distinguish real increase in extent of emphysema from interscan variability? - HA Gietema, AM Schilham, B van Ginneken, R van Klaveren, J-WJ Lammers, M Prokop, *accepted for publication in Radiology*
- Interscan variability of semiautomated volume measurements in pulmonary nodules using multislice computed tomography: Influence of inspirational level, nodule size and segmentation performance - HA Gietema, CM Schaefer-Prokop, WPTM Mali, G Groenewegen, M Prokop, *accepted for publication in Radiology*
- Early diagnosis of emphysema: computed tomography versus pulmonary function testing - HA Gietema, I van der Lee, P Zanen, B van Ginneken, AM Schilham, RJ van Klaveren, C van Iersel, JMM van den Bosch, M Prokop, J-WJ Lammers, *submitted*
- Impact of massive image noise on the extent of automated quantified emphysema using multidetector-row computed tomography - HA Gietema, AM Schilham, B van Ginneken, J-WJ Lammers, M Prokop, *submitted*
- The nitric oxide transfer factor as a tool for the early diagnosis of emphysema - I van der Lee, HA Gietema, P Zanen, M Prokop, J-WJ Lammers, JJ van den Bosch, *submitted*
- Distribution of moderate and severe emphysema in heavy smokers joining a population-based lung cancer screening trial: impact on pulmonary function - HA Gietema, P Zanen, AM Schilham, B van Ginneken, R van Klaveren, M Prokop, J-WJ Lammers, *submitted*
- Diagnostic information of CT at the radiation dose level of a chest X-ray: A feasibility study - HA Gietema, C Schaefer-Prokop, IJC Hartmann, I van den Berk, J-WJ Lammers, M Prokop *In preparation*