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Universiteit Leiden



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# Curriculum Vitae



## CURRICULUM VITAE

Michel Wouters was born in Rilland-Bath on May 4<sup>th</sup> 1967. He graduated from the St Willibrord College (Atheneum) in Goes in 1985. In the same year he started with his study Medicine at the Leiden University and passed his medical Masters degree in 1995, after writing a paper on 'Cost considerations in Health care' at the department of Medical Ethics of the Leiden University, supervised by professor dr Heleen Dupuis.

With this strong basis for a medical career he started his internships in 1995 and graduated *cum laude* in 1997. He performed his graduation project on 'Rationing health care: the role of costs in physicians treatment decisions', supervised by dr Danielle Timmermans and professor dr Job Kievit of the department of Medical Decision Making of the Leiden University Medical Center.

In 1997 he worked as a surgical resident in the IJsselland ziekenhuis in Capelle aan den IJssel with dr Eelco de Graaf, dr Geert Tetteroo and dr Imro Dawson. After six months he switched to the Leijenburg hospital in the Hague, where he worked under the supervision of dr Boy Bruijninkx and dr Willem Hans Steup. With dr Steup he developed the first ideas on a region-wide clinical audit for esophageal cancer surgery in 1998, which started in the region of the Comprehensive Cancer Center Leiden in 2000.

In 1999, he started his surgical training in the Leiden University Medical Center under the supervision of professor dr Onno Terpstra and after two years he continued his training in the Bronovo hospital in The Hague, where he acquired his surgical skills, taught by dr Bob van Rijn, dr Jisk Heslinga, dr Harm Smeets and dr Arthur Niggebrugge. In his last year of training, he specialized in surgical oncology and lung surgery, under the supervision of dr Onno Guicherit, dr Jisk Heslinga and dr Bob van Rijn.

During his surgical training he was a member of the board of the Association of Surgical Trainees in the Netherlands (VAGH). On behalf of the VAGH he organized two symposia in 2004, on 'Concentration of low-volume high risk surgical procedures' and 'Quality indicators for surgical procedures' respectively.

In 2005, after his registration as a general surgeon, he was offered a position as a surgical fellow in the Erasmus University Medical Center – Daniel den Hoed kliniek, under the supervision of professor dr Alexander Eggermont. He acquired additional skills and expertise in surgical oncology, working with dr Bert van Geel, dr Marian Menke-Pluijmers, dr Kees Verhoef and professor dr Hans de Wilt. In this period, his interest in surgical oncology, especially in the diagnosis and treatment of melanoma and chest wall tumors, was raised.

In January 2006, he decided to spend half a year on analyzing the results of the regional clinical audit for esophageal cancer surgery in the region of the Comprehensive Cancer

Center Leiden. He worked in the Leiden University Medical Center with dr Henrike Karim-Kos and wrote two articles on centralization of esophageal cancer surgery in the Leiden region, under supervision of professor dr Rob Tollenaar. One of these articles, the first in literature showing actual improvement in patient outcome after centralizing esophagectomies in specialized high volume centers, was awarded with the IQ scientific award of the Radboud University in 2010.

During this period, working with dr Eric-Hans Eddes and professor dr Rob Tollenaar, he also took part in the development of the first nation-wide clinical audit for colorectal cancer surgery in the Netherlands, the Dutch Surgical Colorectal Audit (DSCA), which was initiated in January 2009.

He started as a fellow in the department of surgical oncology of the Netherlands Cancer Institute – Antoni van Leeuwenhoek hospital in July 2006. Under the supervision of dr Houke Klomp and working with dr Johanna van Sandick he was trained in the surgical treatment of thoracic malignancies for a period of 2 years, after which he was offered a position in the staff of the department of surgical oncology lead by professor dr Bin Kroon. After professor Kroon emerited in 2008, he took over his position as a melanoma surgeon in the surgical staff of Netherlands Cancer Institute, presided by prof dr Emiel Rutgers. Until today, he works closely with his colleagues dr Omgo Nieweg and dr Jos van der Hage in the field of melanoma surgery.

Ever since his appointment in the Netherlands Cancer Institute, he continued his scientific work at the departments of Surgery and Medical Decision Making of the Leiden University Medical Center for one day a week, supervised by professor dr Rob Tollenaar en professor dr Job Kievit. In 2007 he was nominated in the working party 'Quality of cancer care' of the Signalling Committee Cancer of the Dutch Cancer Society, directed by professor dr Cornelis van der Velde. As a member of this working party he performed meta-analyses on the volume-outcome relationship in cancer treatments, together with drs Gea Gooiker, drs Willem van Gijn and dr Piet Post. In addition, working with epidemiologists of the Netherlands Cancer Registry, he analyzed variations in quality of care between hospitals in the Netherlands, especially the relation between hospital volume, teaching status and infrastructure on the one hand and patient outcome on the other.

Together with dr Marlies Jansen and dr Freke Kloosterboer he wrote the Quality of Cancer Care report of the Dutch Cancer Society, which was published in 2010. This report provided a road map for the concentration of complex cancer treatments in the Netherlands through the development of quality standards on infrastructure, minimal procedural volume, degree of specialization and organization and the realization of hospital-specific outcome monitoring in clinical audits.

To realize these goals set by the Dutch Cancer Society, he was appointed in the board of the Association of Surgical Oncologists in the Netherlands (NVCO) in 2010. With prof dr Jean

Klinkenbijn and prof dr Laurents Stassen he worked on the first quality standards for surgical cancer treatments, which were published by the Association of Surgeons in the Netherlands (NVvH) in January 2011.

In November 2010, he was elected President of the Association of Surgical Oncologists in the Netherlands and entered the board of SONCOS, a multidisciplinary cooperation of medical oncologists, radiotherapists and surgical oncologists. Together with prof dr Koos van der Hoeven (NVMO) and prof dr Marcel Verheij (NVRO), he established multidisciplinary quality standards for cancer treatments, the 'SONCOS kwaliteitsnormen', which were written down by dr Paul de Jong and published in December 2012.

In 2010, together with prof dr Rob Tollenaar and dr Eric-Hans Eddes he founded the Dutch Institute for Clinical Auditing (DICA). The objective of this organization is to initiate and facilitate web-based clinical audits for the monitoring, feedback, benchmarking and improvement of the care process and outcome of medical treatments. The blueprint of the Dutch Surgical Colorectal Audit was used to establish clinical audits in the field of upperGI cancer surgery, lung surgery, pediatric surgery, breast cancer treatment, melanoma treatment, vascular surgery, et cetera [[www.clinicalaudit.nl](http://www.clinicalaudit.nl)]. As Chief of the Scientific Bureau of DICA, he leads a dedicated team of young investigators and bears responsibility for the development of quality indicators, web-based data-collection, analyses and feedback in the various clinical audits. He was the chief-editor of the DSCA reports in 2009 and 2010 and the annual DICA reports in 2011 and 2012.

In May 2012 he was elected in the board of the Association of Surgeons of the Netherlands, as the successor of dr Marie-Jeanne Baas-Vrancken Peeters as Quality Secretary, a position he holds until today.



Dankwoord





## DANKWOORD

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