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Nontraditional cardiovascular risk factors in end-stage renal disease : studies on inflammatory markers and thyroid hormones

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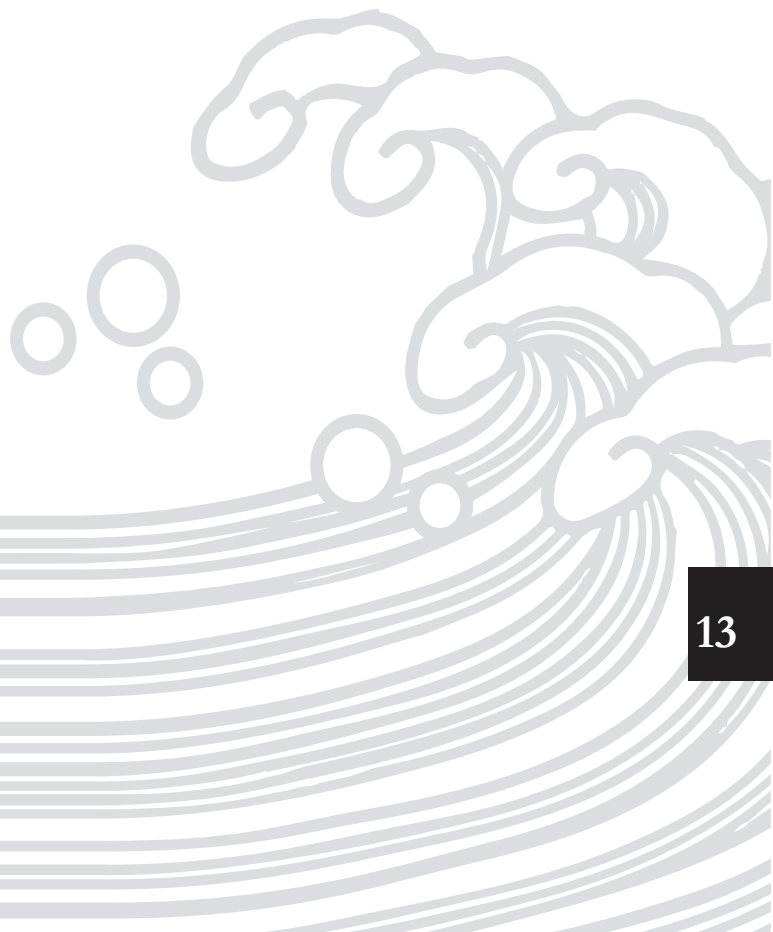
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Curriculum Vitae

Christiaan Lucas Meuwese was born as part of a twin in Zeist, the Netherlands, on the 2nd of September, 1986. From 1999 to 2005 he attended the Christelijk Lyceum (secondary school) in Zeist where he passed the gymnasium. In 2005 he commenced medical studies at the Leiden University Medical Center (LUMC). During his second year of studies he participated in an exchange programme and spent half a year studying at the Karolinska Institute in Stockholm, Sweden. After his return to the Netherlands (Christmas 2006), he obtained a scholarship for excellent students and consulted prof. dr. F.W. Dekker at the department of Clinical Epidemiology in Leiden. From this time on he participated in research as an addition to his medical studies. In 2008 a collaboration was set up with the Renal Department at the Karolinska Institute (dr. J.J. Carrero and prof. dr. P. Stenvinkel). In 2009 Christiaan applied for, and obtained the Willem Kolff Grant from the Dutch Kidney Foundation and the Jo Keur Grant from the LUMC to pay another longer term visit to Stockholm.

After graduating from medical studies in 2011 (cum laude for both the theoretical and clinical part), he started working as a resident at the Cardiology Department at the University Medical Center of Utrecht (UMCU) for half a year. During this period, he confirmed his interest in cardiology and received a training place. After this, the author went back into research for one more year to complete his PhD thesis. He was enabled to do so by means of a personal grant which he obtained from the LUMC (MD-PhD grant). During this final year, he assisted in the design and organization of the Dutch part of a new European study project (EQUAL: A European QUALity Study on treatment in advanced chronic kidney disease). Also, he gave several presentations at international congresses, was engaged in teaching (bio)medical students and followed courses in epidemiology and statistics himself whereby he completed his training to receive the title of epidemiologist. The current thesis is the result from a fruitful 5 year collaboration between the LUMC and the Karolinska Institute. The author currently lives in Utrecht, and has since 2013 started his clinical training to become a cardiologist (Dr. J.H. Kirkels, UMC Utrecht).

List of Publications

- 2014 **Meuwese C.L.**, Gussekloo J., de Craen A.J.M., Dekker F.W., den Elzen W. Thyroid hormone status and renal function in an elderly community based population. *Journal of Clinical Endocrinology & Metabolism*. Epub ahead of print. 2014
- 2014 Hoelen D.W.M., Van Duijn A.L., **Meuwese C.L.**, Ruurda J.P., and Sikma M.A. Intrathoracic gastric herniation as a rare cause of cardiac arrest. *Netherlands journal of Critical Medicine*. Accepted for publication.
- 2013 **Meuwese C.L.**, Dekkers O.M., Stenvinkel P., Dekker F.W., and Carrero J.J. Non-thyroidal illness and the cardio-renal syndrome. *Nature Reviews Nephrology*. 10, 599-609 (2013).
- 2013 **Meuwese C.L.**, Carrero J.J. Chronic kidney disease and hypothalamic-pituitary axis dysfunction: the chicken or the egg? *Archives of Medical Research*. 11, 591-600 (2013).
- 2013 **Meuwese C.L.**, Carrero J.J., Cabezas-Rodríguez I., Heimbürger O., Barany P., Lindholm B., Qureshi A.R., Ripsweden J., Dekker F.W., and Stenvinkel P. Non-thyroidal illness - a risk factor for coronary calcification and arterial stiffness in patients undergoing peritoneal dialysis? *Journal of Internal Medicine*. 274, 584-93 (2013).
- 2012 **Meuwese C.L.**, Kirkels J.H., de Jonge N., Nathoe H.M., Doevendans P.A., Klöpping C. Beta-blocker therapy in severe heart failure, evidence or experience? *Netherlands Heart Journal*. 21, 3-5 (2013).
- 2012 **Meuwese C.L.**, Aanhaanen W.T.J., Van Hessen M.W. Persistent bi-coronary thebesian veins to the left ventricle. *Netherlands Heart Journal*. 2012 Nov 28. Epub ahead of print.
- 2012 **Meuwese C.L.**, Dekker F.W., Lindholm B., Qureshi A.R., Heimbürger O., Barany P., Stenvinkel P., Carrero J.J. Impact of baseline levels and trimestral variation of triiodothyronine and thyroxine on mortality in maintenance hemodialysis patients. *Clinical Journal of the American Society of Nephrology*. 7, 131-138 (2012).
- 2011 **Meuwese C.L.**, Stenvinkel P., Dekker F.W., Carrero J.J. Regular monitoring of C-reactive protein in the dialysis patient: forewarned is forearmed. *Nature Reviews Nephrology*. 7, 166-176 (2011).
- 2011 **Meuwese C.L.**, Carrero J.J., Stenvinkel P. Recent insights in inflammation-associated wasting in patients with chronic kidney disease. *Contributions to Nephrology*. 171, 120-126 (2011).

2010 **Meuwese C.L.**, Snaedal S., Halbesma N., Stenvinkel P., Dekker F.W., Qureshi A.R., Barany P., Heimbürger O., Lindholm B., Krediet R.T., Boeschoten E.W. and Carrero J.J. Trimestral variation patterns of C-reactive protein, interleukin-6 and tumor necrosis factor- α are similarly associated with survival in hemodialysis patients. *Nephrology Dialysis & Transplantation*. 26, 1313-1318 (2011).

2010 **Meuwese C.L.**, Halbesma N., Stenvinkel P., Dekker F.W., Molanaei H., Qureshi A.R., Barany P., Heimbürger O., Lindholm B., Krediet R.T., Boeschoten E.W., Carrero J.J. Variations in C-reactive protein during a single haemodialysis session do not associate with mortality. *Nephrology Dialysis & Transplantation*. 25, 3717-3723 (2010).

2010 **Meuwese CL**, Euser AM, Ballieux BE, van Vliet HA, Finken MJJ, Walther WJ, Dekker FW, and Wit JM. Growth-restricted preterm newborns are predisposed to functional adrenal hyperandrogenism in adult life. *European Journal of Endocrinology*. 163, 681-689 (2010).