



## Curriculum Vitae

Personal information **Peter van de Ven**

### Work experience

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1. Employer: UMC Utrecht
  - Start date: 05-2021
  - End date:
  - Position: Senior Biostatistician Clinical Trials/Associate professor (since 12-2022)
  - Activities: Head of the Clinical Trial Methodology & Statistical Consultation Team, Statistical consultant for researchers in the hospital, Methodology assessor at CBG-MEB (seconded), Chair of the internal DSMB (since January 2024), Trial Methodology Lead for U-TRIAL alliance (with focus on investigator-initiated trials)
  - Country: Netherlands
2. Employer: Amsterdam UMC/VU University Medical Center
  - Start date: 07-2009
  - End date: 04-2021
  - Position: Assistant professor of Biostatistics
  - Activities: Statistical consultant for researchers in the hospital Methodological research on innovative clinical trial design Member of the institutional review board (METc VUmc) Supervision of postdoc (prognostic models) and PhD student (adaptive trials) Member of statistics expert panel of the Dutch Oncology Research Platform Member of expert board for N\_of\_1 trials Lecturer/instructor for statistics courses for students in medicine/epidemiology Organizer of biostatistics seminar
  - Country: Netherlands
3. Employer: TNO Quality of Life
  - Start date: 08-2008
  - End date: 06-2009
  - Position: Biostatistician
  - Activities: Research on optimal design for pharmaceutical process development Research on Bayesian modeling of risks of exposure to hazardous substances
  - Country: Netherlands
4. Employer: University of Southampton
  - Start date: 06-2007
  - End date: 07-2008
  - Position: Postdoctoral researcher/Lecturer in Statistics
  - Activities: Research on optimal experimental designs for correlated binary outcomes Lecturer for statistics courses for students in mathematics
  - Country: United Kingdom

### Education and training

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1. Subject: Eindhoven University of Technology
  - Start date: 03-2003
  - End date: 04-2007
  - Qualification: PhD in Statistics
  - Organisation: Design of experiments, Factorial designs, Statistics, ANOVA
  - Country: Netherlands
2. Subject: Tilburg University
  - Start date: 09-1997
  - End date: 01-2003
  - Qualification: MA in Health Psychology
  - Organisation: Health psychology, forensic psychology
  - Country: Netherlands
3. Subject: Eindhoven University of Technology
  - Start date: 09-1995
  - End date: 08-2001
  - Qualification: MSc in Engineering Mathematics
  - Organisation: Mathematics, Statistics, Optimisation
  - Country: Netherlands

### Additional information

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#### Publications

Eight recent key publications in medical sciences are:

J.S. Lemkes, G.N. Janssens GN, N.W. van der Hoeven, L.S.D. Jewballi, E.A. Dubois, M. Meuwissen, T.A. Rijpstra, H.A. Bosker, M.J. Blans, G.B. Bleeker, R. Baak, G.J. Vlachojannis, B.J.W. Eikemans, P. van der Harst, I.C.C. van der Horst, M. Voskuil, J.J. van der Heijden, A. Beishuizen, M. Stoel, C. Camaro, H. van der Hoeven, J.P. Henriques, A.P.J. Vlaar, M.A. Vink, B. van den Bogaard, T.A.C.M. Heestermans, W. de Ruijter, T.S.R. Delnoij, H.J.G.M. Crijns, G.A.J. Jessurun, P.V. Oemrawsingh, M.T.M. Gosselink, K. Plomp, M. Magro, P.W.G. Elbers, P.M. van de Ven, H.M. Oudemans\_van Straaten & N. van Royen (2019). Coronary Angiography after Cardiac Arrest without ST\_Segment Elevation. *N Engl J Med*, 380(15):1397\_1407.

A. Brouwer, D.H. van Raalte DH, H.T. Nguyen, F. Rutters, P.M. van de Ven, P.J.M. Elders, A.C. Moll, E.J.W. van Someren, F.J. Snoek, A.T.F. Beekman & M.A. Bremmer (2019). **Effects of Light Therapy on Mood and Insulin**

**Sensitivity in Patients With Type 2 Diabetes and Depression: Results From a Randomized Placebo-Controlled Trial. *Diabetes Care*, 42(4):529-538.**

J.S. Lemkes, G.N. Janssens, N.W. van der Hoeven, P.M. van de Ven, K.M.J. Marques, A. Nap, M.A.H. van Leeuwen, Y.E.A. Appelman, P.Knaapen, N.J.W. Verouden, C.P. Allaart, S.L. Brinckman, C.E. Saraber, K.J. Plomp, J.R. Timmer, E. Kedhi, R.S. Hermanides, M. Meuwissen, J. Schaap, A.P. van der Weerd, A.C. van Rossum, R. Nijveldt, N. van Royen (2019). Timing of revascularization in patients with transient ST-segment elevation myocardial infarction: a randomized clinical trial. *Eur Heart J*, 40(3):283-291.

N. Alam, E. Oskam, P.M. Stassen, P.V. Exter, P.M. van de Ven, H.R. Haak, F. Holleman, A.V. Zanten, H.V. Leeuwen\_Nguyen, V. Bon, B.A.M. Duineveld, R.S. Nannan Panday, M.H.H. Kramer, P.W.B. Nanayakkara & PHANTASI Trial Investigators and the ORCA (Onderzoeks Consortium Acute Geneeskunde) Research Consortium the Netherlands. (2018). Prehospital antibiotics in the ambulance for sepsis: a multicentre, open label, randomised trial. *Lancet Respir Med*, 6(1):40-50.

E. van der Meij, J.R. Anema, W.K.G. Leclercq, M.Y. Bongers, E.C.J. Consten, S.E. Schraffordt Koops, **P.M. van de Ven, C.B. Terwee, J.M. van Dongen, F.G. Schaafsma, W.J.H.J. Meijerink, H.J. Bonjer, J.A.F. Huirne. (2018). Personalised perioperative care by e-health after intermediate-grade abdominal surgery: a multicentre, single-blind, randomised, placebo-controlled trial. *Lancet*, 392(10141):51-59.**

J. van Rijswijk, M.R. Caanen, V. Mijatovic, C.G. Vergouw, P.M. van de Ven, C.B. Lambalk & R.Schats (2017). Immobilization or mobilization after IUI: an RCT. *Hum Reprod* 32(11):2218-2224.

E.J.M. Schrijver, O.J. de Vries, P.M. van de Ven, P.M. Bet, A.M. Kamper, S.H.A. Diepeveen, R.J. van Marum, A.M. van Strien, S. Anten, A.M. Lagaay, L. Boelaarts, F.W. Bloemers, M.H.H. Kramer & P.W.B. Nanayakkara (2018). Haloperidol versus placebo for delirium prevention in acutely hospitalised older at risk patients: a multi-centre double-blind randomised controlled clinical trial. *Age Ageing*, 47(1):48-55. E.O.

Hoogendijk, H.E. van der Horst, P.M. van de Ven, J.W. Twisk, D.J. Deeg, D.H. Frijters, K.M. van Leeuwen, J.P. van Campen, G. Nijpels, A.P. Jansen, H.P. van Hout (2016). **Effectiveness of a Geriatric Care Model for frail older adults in primary care: Results from a stepped wedge cluster randomized trial. *Eur J Intern Med*, 28:43-51.**

My publications in statistical and epidemiology journals are:

A. Bassi, J.Berkhof, D. de Jong, P.M. van de Ven (2021). Bayesian adaptive decision-theoretic designs for multi-arm multi-stage clinical trials. *Statistical Methods in Medical Research*, 30(3):717-730. doi: 10.1177/0962280220973697

J.H. Scholl, P.M. van de Ven & E.P. van Puijenbroek (2015). Parametric time-to-onset models were developed to improve causality assessment of adverse drug reactions from antidiabetic drugs. *Journal of Clinical Epidemiology*, 68(12):1423-31.

P.M. van de Ven & D.C.Woods (2014). Optimal blocked minimum-support designs for non-linear models. *Journal of Statistical Planning and Inference*, 144(1):152-159.

P.M. van de Ven & J. Berkhof (2013). Non-inferiority and superiority tests for partially matched data when a constraint is placed on the number of new tests. *Statistics in Medicine*, 32(15):2515-28.

P.M. van de Ven, S. Bijlsma, E. Gout, K.V. Maarschalk & U. Thissen (2011). A framework for **efficient process development using optimal experimental designs. *Journal of Pharmaceutical Innovation*, 6(1): 24-31.**

D.C. Woods & P.M. van de Ven (2011). Blocked designs for experiments with correlated non-normal response. *Technometrics*, 53(2):173-182 P.M. van de Ven, W. Fransman, J. Schinkel, C. Rubingh, N. Warren & E. Tieleman (2010). **Stoffenmanager Exposure Model: Company-Specific Exposure Assessments Using a Bayesian Methodology. *Environmental Hygiene*, 7(4): 216-223.**

P.M. van de Ven & A. di Buccianico (2009). On the equivalence of definitions for regular fractions of mixed-level factorial designs. *Journal of Statistical Planning and Inference*, 139(7): 2351-2361.

P.M. van de Ven (2008). On the equivalence of three estimators for dispersion effects in unreplicated two-level factorial designs. ***Journal of Statistical Planning and Inference*, 138(1):18-29.**

E.E.M. van Berkum, E.J. Habers, P.M. van de Ven & J.T.M. Wijnen (2005). Fractional factorial designs for two-step production processes. *Journal of Statistical Planning and Inference*, 132(1-2):5362.

## Projects

ONCODE-PACT: Large national project focussing of preclinical and early clinical oncology drug development

Metakids(2020-2023): N\_of\_1 for all. (co\_applicant)

EU Horizon 2020 project (2016-2019): Big data and models for personalized head and neck cancer decision support. (co\_applicant, supervisor postdoc).

KWF (Dutch Cancer Society) project (2015-2019): Towards the implementation of personalized treatment of diffuse large B-cell lymphoma in the Netherlands: preparations of a biomarker-based Bayesian trial (supervisor PhD student)

## Memberships

Member of two KWF grant review boards (Dutch cancer society): PIPELINE (since 2024) and Development (since 2022) review boards

Chair of the internal DSMB of UMCU (monitoring investigator-initiated studies for which an external DSMB is not required)

## Other Relevant Information