

## NHR wetenschappelijke publicaties 2021, 2020 en 2019

Hierbij zetten wij voor u de publicaties van de NHR op een rijtje.

### 2021

Van der Nat PB, Derks L, van Veghel D.

**Health outcomes management evaluation: a national analysis of Dutch Heart Care.**

Eur Heart J Qual Care Clin Outcomes. 2021 Aug 27:qcab060. doi: 10.1093/ehjqcco/qcab060. Online ahead of print.

Derks L, Sturkenboom HN, Zaal M, Houterman S, Woudstra P, Tio RA, van Veghel HPA.

**Association between public media and trends in new acute coronary syndrome presentations during the first COVID-19 wave in the Netherlands.**

Neth Heart J 2021 Jul 29:1-7. doi: 10.1007/s12471-021-01603-5. Online ahead of print.

Derks L, Houterman S, Geuzebroek GSC, van der Harst P, Smits PC, on behalf of the PCI registration Committee of the Netherlands Heart Registration.

**Daylight saving time does not seem to be associated with number of percutaneous coronary interventions for acute myocardial infarction in the Netherlands.**

Neth Heart J 2021; 29: 427-432. doi: 10.1007/s12471-021-01566-7.

Daeter EJ, van Veghel D, Houterman S, Olsthoorn J, Soliman-Hamad M.A.; Netherlands Heart Registration (NHR) Transcatheter Heart Valve Interventions (THI) Registration Committees.

**Recent trends in aortic valve interventions: data of the Netherlands Heart Registration.**

Journal of Cardiac Surgery 2021; 36: 573-581. doi: 10.1111/jocs.15265. Epub 2020 Dec 23.

Van Steenberghe GJ, van Straten B, Lam KY, van Veghel D, Dekker L, Tonino PA, on behalf of the NHR THI & cardiothoracic surgery Registration Committees.

**Report on outcomes of valve-in-valve transcatheter aortic valve implantation and redo surgical aortic valve replacement in the Netherlands.**

Neth Heart J 2021 Aug 9. doi: 10.1007/s12471-021-01608-0. Online ahead of print.

Ravaux JM, van Kuijk SMJ, Di Mauro M, Vernooij K, Bidar E, Mariani S, Actis Dato G, van 't Hof AW, Veenstra L, Kats S, Houterman S, Maessen JG, Lorusso R, on behalf of the Cardiothoracic Surgery Registration Committee of the Netherlands Heart Registration.

**Incidence and predictors of permanent pacemaker implantation after surgical aortic valve replacement: data of the Netherlands Heart Registration (NHR).**

Journal of Cardiac Surgery 2021; 36: 3519-3527. doi: 10.1111/jocs.15803.

Karami M, Peters EJ, Lagrand WK, Houterman S, den Uil CA, Engström AE, Otterspoor LC, Ottevanger JP, Ferreira IA, Montero-Cabezas JM, Sjauw K, van Ramshorst J, Kraaijeveld AO, Verouden NJW, Lipsic E, Vlaar AP, Henriques JPS; on behalf of the PCI Registration Committee of the Netherlands Heart Registration.

**Outcome and predictors for mortality in patients with cardiogenic shock: a Dutch nationwide registry-based study of 75,407 patients with acute coronary syndrome treated by PCI.**

J Clin Med 2021; 10: 2047. doi: 10.3390/jcm10102047

Mol D, Houterman S, Balt JC, Bhagwandien RE, Blaauw Y, Delnoy PPHM, van Driel VJHM, Driessen AHG, Folkeringa RJ, Hassink RJ, Hooft van Huysduynen B, Luermans JGLM, Ouss AJ, Steenhagen YJ, van Veghel HP, Westra SW, de Jong JSSG and de Groot JR.

**Complications in pulmonary vein isolation in the Netherlands Heart Registration differ with sex and ablation technique.**

Europace 2021; 23: 216-225. doi: 10.1093/europace/euaa255.

Al-Farra H, de Mol BAJM, Ravelli ACJ, ter Burg WJPP, Houterman S, Henriques JPS, Abu-Hanna A, on behalf of the NHR THI Registration Committee.

**Update and, internal and temporal-validation of the FRANCE-2 and ACC-TAVI early-mortality prediction models for Transcatheter Aortic Valve Implantation (TAVI) using data from the Netherlands Heart Registration (NHR).**

International Journal of Cardiology Heart & Vasculature 2021; 32: 100716. doi: 10.1016/j.ijcha.2021.100716. eCollection 2021 Feb.

## 2020

Van Veelen A, Claessen BEPM, Houterman S, Hoebbers LPC, Elias J, Henriques JPS, Knaapen P; on behalf of the PCI Registration Committee of the Netherlands Heart Registration.

**Incidence and outcomes of chronic total occlusion percutaneous coronary intervention in the Netherlands: data from a nationwide registry.**

Neth Heart J 2021; 29: 4-13. doi: 10.1007/s12471-020-01521-y. Epub 2020 Dec 2.

Van Steenberghe GJ, van Veghel D, Schulz DN, Soliman-Hamad M, Tonino PA, Houterman S, Dekker L, on behalf of the NHR THI Registration Committee.

**Better survival after transcatheter aortic valve replacement by process improvements.**

Neth Heart J 2021; 29: 193-200. doi: 10.1007/s12471-020-01526-7. Epub 2020 Dec 7.

Blokzijl F, Houterman S, van Straten BHM, Daeter E, Brandon Bravo Bruinsma GJ, Dieperink W, Reneman MF, Keus F, van der Horst ICC, Mariani MA.

**The impact of surgical aortic valve replacement on quality of life-a multicenter study.**

J Thorac Cardiovasc Surg 2021; 161: 1204-1210. doi: 10.1016/j.jtcvs.2019.09.184. Epub 2019 Oct 31.

Zelis JM, van 't Veer M, Houterman S, Pijls NHJ, Tonino PAL.

**Survival and Quality of Life after Transcatheter Aortic Valve Implantation Relative to the General Population.**

Int J Cardiol Heart Vasc 2020; 28: 100536. eCollection 2020 Jun.

Al-Farra H, Abu-Hanna A, de Mol BAJM, ter Burg WJ, Houterman S, Henriques JPS, Ravelli ACJ, on behalf of the NHR THI Registration Committee.

**External validation of existing prediction models of 30-day mortality after Transcatheter Aortic Valve Implantation (TAVI) in the Netherlands Heart Registration.**

Int J Cardiol 2020; 317: 25-32. Epub 2020 May 22.

Zipfel N, Groenewoud AS, Rensing BJWM, Daeter EJ, Dijkman LM, Dambrink JE, van der Wees PJ, Westert GP, van der Nat PB.

**Selecting interventions to improve patient-relevant outcomes in health care for aortic valve disease – the Intervention Selection Toolbox.**

BMC Health Services Research 2020; 20: 232.

2019

Van Veghel D, Daeter E, Amoroso G, Bax M, Blaauw Y, Camaro C, Cummins P, Halfwerk F, Den Hamer I, De Jong J, Stoker W, Van der Wees P, Van der Nat P.

**Organization of outcomes-based quality improvement in Dutch heart centers.**

European Heart Journal - Quality of Care and Clinical Outcomes 2019; European Heart Journal - Quality of Care and Clinical Outcomes 2020; 6: 49-54. (doi: 10.1093/ehjqcco/qcz021).

Veen KM, Mokhles MM, Braun J, Versteegh MIM, Bogers AJJC, Takkenberg JJM, on the behalf of the data registry committee of the Netherlands Association for Cardio-Thoracic Surgery.

**Male-female differences in characteristics and early outcomes of patients undergoing tricuspid valve surgery: a national cohort study in the Netherlands.**

European Journal of Cardio-Thoracic Surgery; 2019;55:859-66.

Siregar S, Nieboer D, Versteegh MIM, Steyerberg EW, Takkenberg JJM.

**Methods for updating a risk prediction model for cardiac surgery: a statistical primer.**

Interactive CardioVascular and Thoracic Surgery; 2019; 28: 333-338.

Blokzijl F, Houterman S, Van Straten BHM, Daeter E, Brandon Bravo Bruinsma GJ, Dieperink W, Reneman MF, Keus F, Van der Horst ICC, Mariani MA.

**Quality of life after coronary bypass – a multicentre study of routinely-collected health data in the Netherlands.**

European Journal of Cardio-Thoracic Surgery 2019; 56: 526-533.

Spanjersberg AJ, Ottervanger JP, Nierich AP, Speekenbrink RGH, Stoker W, Hoogendoorn M, Van Veghel D, Houterman S, Brandon Bravo Bruinsma GJ.

**Implementation of a specific safety check is associated with lower postoperative mortality in cardiac surgery.**

The Journal of Thoracic and Cardiovascular Surgery 2019 Aug 28; Journal of Thoracic and Cardiovascular Surgery 2020; 159: 1882-1890. Epub 2019 Aug 28.

Vendrik J, Van Mourik MS, Houterman S, Vis MM, Baan Jr. J; namens de publicatiegroep Nederlandse Hart Registratie.

**Transkatheter aortaklepverving (TAVI).**

Nederlands Tijdschrift voor Geneeskunde 2019; 163:D4011.

Blokzijl F, Houterman S, Van Straten BHM, Daeter E, Brandon Bravo Bruinsma GJ, Dieperink W, Reneman MF, Keus F, Van der Horst ICC, Mariani MA.

**The impact of surgical aortic valve replacement on quality of life-a multicenter study.**

The Journal of Thoracic and Cardiovascular Surgery 2019; Journal of Thoracic and Cardiovascular Surgery 2021; 161: 1204-1210. Epub 2019 Oct 31.

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