

Curriculum Vitae

Name: Gorgels

date: June, 2021

1. Personal details:

Full Name: Antonius Peter Maria Gorgels

Living address: (including tel.) Sint Lambertuslaan 5 6211 KB Maastricht

Date and place of birth: 2-3-1948 Kerkrade Nederland

Nationality: Nederlandse

Sex: M / F

2. Professional address:

Name university / institute: Universiteit Maastricht

Department: Cardiologie

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3. Training / Education (including graduation)

1965: Gymnasium β , Henric v. Veldeke College, Maastricht

February 1973: Artsexamen Faculteit der Geneeskunde, Katholieke Universiteit Nijmegen

March 1973: Opleiding tot hulpanesthesist in het kader van de militaire dienst. Radboudziekenhuis Nijmegen (Hoofd Prof. Dr. J.F. Crul)

April 1974: Assistent in opleiding tot internist, St. Canisius Ziekenhuis Nijmegen (Hoofd Dr. J.H.J. Enneking)

September 1976: Assistent in opleiding tot internist, Radboud Ziekenhuis Nijmegen (Hoofd Prof. Dr. C.L.H. Majoor), en de afdeling Pulmonologie van het Medisch Centrum Dekkerswald in Groesbeek (Hoofd Prof. A.M. Jongerius)

February 1977: Opleiding Cardiologie, Afdeling Cardiologie, Ziekenhuis Sint Annadal Maastricht (Hoofd Prof. Dr. H.J.J. Wellens)

4. Professional appointments

Employment history and functions

Licenses and certifications

<u>October 1980-1996</u>	:	Cardioloog en staflid van de afdeling Cardiologie van het academisch ziekenhuis Maastricht en lid van de Capaciteitsgroep Cardiologie van de Rijks Universiteit Limburg (Universiteit Maastricht)
<u>1986- 1996</u>	:	Universitair Hoofddocent Rijks Universiteit Limburg Chef de clinique, Academisch ziekenhuis Maastricht
<u>1991-1996</u>	:	Hoofd Divisie Coronarialijden Hart- en Vaat Instituut Maastricht
<u>1991-1996</u>	:	Waarnemend hoofd Afdeling Cardiologie Academisch ziekenhuis Maastricht
<u>1997-1998</u>	:	Chief, Section Adult Cardiology, Dept of Cardiovascular Diseases, King Faisal Specialist Hospital and Research Centre, Riyadh, Kingdom of Saudi Arabia
<u>1999 -2013</u>	:	Cardioloog and staf lid van de afdeling Cardiologie van het academisch ziekenhuis Maastricht en aanstelling bij onderzoeksinstituut Caphri
<u>2013- 2018</u> <u>2013-</u>	:	Cardioloog Reinaertkliniek Maastricht Honoraire aanstelling bij de vakgroep cardiologie en Universiteit Maastricht
<u>2018-2021</u> <u>2021-</u>	:	Cardiologische centra Nederland, locatie Utrecht Cardioloog Hartkliniek Maastricht

11. Thesis, Thesis promotorship and supervision

1. A.P.M. Gorgels. Ventricular impulse formation and the influence of digitalis intoxication. Schrijen - Lippertz B.V., Voerendaal. June 28, 1985.
2. M.A. Vos. New observations to identify abnormal impulse formation in the intact heart. October 27, 1989. State University Limburg.
3. J.De Vreede-Swagemakers. Sudden cardiac death in the Maastricht area. July 4, 1997. Faculty of Medicine; State University of Maastricht.
4. J. Widdershoven. Changes in prognosis in acute coronary syndromes. July 4, 1997. Faculty of Medicine; State University of Maastricht.
5. P.J. Zwietering. Arrhythmias in general practice. Prevalance and clinical diagnosis. January 21, 2000. Faculty of Medicine; State University of Maastricht.
6. Audrey Merry "Coronary heart disease in the Netherlands: Incidence, etiology and risk prediction" Promotoren: Prof. Dr. Ir. P.A. van den Brandt; Prof. Dr. A.P.M. Gorgels copromotoren: Dr. L.J. Schouten; Dr. Ir. J.M.A. Boer; Date: 10-12-2010

7. H el ene Voogdt Title: "Cardiovascular prevention, nurses and doctors working together "Promotoren: Prof. Dr. J.W. van Ree; Prof. Dr. A.P.M. Gorgels Copromotor: Dr. G.H.M.I. Beusmans Date: 03-03-2011
8. Sebastiaan Bekkers 1 juni 2011 "Assessment of injury in reperfused acute myocardial infarction using cardiovascular magnetic resonance imaging" Promotoren: 1e promotor: Prof. Dr. A.P.M. Gorgels; 2e promotor: Prof. Dr. J. Waltenberger.
9. Agnieszka Berendsen 26 september 2013
10. Josiane J.J. Boyne 13 december 2013. Effects of telemonitoring in heart failure. 1 ste promotor: Prof. Dr. H.J.M. Vrijhoef Maastricht University
11. Miguel Ernesto Lemmert 6 november 2014. Predicting the unpredictable. Electrocardiographic parameters associated with ischemic ventricular fibrillation
12. Robbert Zusterzeel 20 mei 2015 Bundle branch block and benefit from cardiac resynchronization therapy 1ste promotor Prof Dr A.P.M. Gorgels, copromotor: David Strauss
13. Kirian van der Weg 2018 Reperfusion cardiac arrhythmias and their relation to reperfusion induced cell death
14. Ruud Pijls december 2019 The contribution of citizen rescuers to survival after out-of-hospital cardiac arrest

13. List of publications

Subdivided into the following categories and in chronological order:

Wi-1: Scientific publication in international journal mentioned in the Social Science Citation Index, Science Citation Index or Arts & Humanities Citation Index with Impact Factor.

1: Wellens HJ, B ar FW, Gorgels AP, Muncharaz JF. Electrical management of arrhythmias with emphasis on the tachycardias. Am J Cardiol. 1978 May 22;41(6):1025-34. doi: 10.1016/0002-9149(78)90854-8. PMID: 352122.

2: Wellens HJ, Gorgels AP. Electrocardiogram of the month: mirror image dextrocardia and the Wolff-Parkinson-White syndrome. Chest. 1979 Jul;76(1):91-2. doi: 10.1378/chest.76.1.91. PMID: 446182.

3: Wellens HJ, B ar FW, Gorgels AP, Vanagt EJ. Use of ajmaline in patients with the Wolff-Parkinson-White syndrome to disclose short refractory period of the accessory pathway. Am J Cardiol. 1980 Jan;45(1):130-3. doi: 10.1016/0002-9149(80)90230-1. PMID: 7350760.

4: Brugada P, Vanagt EJ, Dassen WR, Gorgels AP, B ar FW, Wellens HJ. Atrioventricular nodal tachycardia with and without discontinuous anterograde and retrograde atrioventricular nodal conduction curves: a reappraisal of the

dual pathway concept. *Eur Heart J*. 1980 Dec;1(6):399-407. doi: 10.1093/oxfordjournals.eurheartj.a061139. PMID: 7274253.

5: Wellens HJ, Gorgels AP, Braat SJ, Bar FW, Vanagt EJ, Phaf B. Effect of oral disopyramide on serum digoxin levels. A prospective study. *Am Heart J*. 1980 Dec;100(6 Pt 1):934-5. doi: 10.1016/0002-8703(80)90080-0. PMID: 7446396.

6: Bär FW, Farré J, Ross D, Vanagt EJ, Gorgels AP, Wellens HJ. Electrophysiological effects of lorcinide, a new antiarrhythmic drug. Observations in patients with and without pre-excitation. *Br Heart J*. 1981 Mar;45(3):292-8. doi: 10.1136/hrt.45.3.292. PMID: 7470342; PMCID: PMC482525.

7: Wellens HJ, Braat S, Brugada P, Gorgels AP, Bär FW. Use of procainamide in patients with the Wolff-Parkinson-White syndrome to disclose a short refractory period of the accessory pathway. *Am J Cardiol*. 1982 Nov;50(5):1087-9. doi: 10.1016/0002-9149(82)90422-2. PMID: 7137035.

8: Gorgels AP, Beekman HD, Brugada P, Dassen WR, Richards DA, Wellens HJ. Extrastimulus-related shortening of the first postpacing interval in digitalis-induced ventricular tachycardia: observations during programmed electrical stimulation in the conscious dog. *J Am Coll Cardiol*. 1983 Mar;1(3):840-57. doi: 10.1016/s0735-1097(83)80198-3. PMID: 6826973.

9: Brugada P, Dassen WR, Braat S, Gorgels AP, Wellens HJ. Value of the ajmaline-procainamide test to predict the effect of long-term oral amiodarone on the anterograde effective refractory period of the accessory pathway in the Wolff-Parkinson-White syndrome. *Am J Cardiol*. 1983 Jul;52(1):70-2. doi: 10.1016/0002-9149(83)90071-1. PMID: 6858931.

10: Braat SH, Brugada P, Bär FW, Gorgels AP, Wellens HJ. Thallium-201 exercise scintigraphy and left bundle branch block. *Am J Cardiol*. 1985 Jan 1;55(1):224-6. doi: 10.1016/0002-9149(85)90335-2. PMID: 3966386.

11: Dassen WR, van der Steld A, van Braam W, den Dulk K, Gorgels AP, Brugada P, Wellens HJ. PACTOT: a reprogrammable software pacing system. *Pacing Clin Electrophysiol*. 1985 Jul;8(4):574-8. doi: 10.1111/j.1540-8159.1985.tb05862.x. PMID: 2410885.

12: Dassen WR, den Dulk K, Gorgels AP, Brugada P, Wellens HJ. Evaluation of pacemaker performance using computer simulation. *Pacing Clin Electrophysiol*. 1985 Nov;8(6):795-805. doi: 10.1111/j.1540-8159.1985.tb05897.x. PMID: 2415931.

13: Gorgels AP, Braat SH, Becker AE, Raab TH, Boehmer AG, Da Costa AJ, Van der Poel AJ, Wellens HJ. Multiple aneurysms of the coronary arteries as the cause of sudden death in childhood. *Am J Cardiol*. 1986 May 1;57(13):1193-4. doi: 10.1016/0002-9149(86)90699-5. PMID: 3706174.

14: Gorgels AP, De Wit B, Beekman HD, Dassen WR, Wellens HJ. Effects of different modes of stimulation on the morphology of the first QRS complex following pacing during digitalis-induced ventricular tachycardia: observations in the conscious dog with chronic complete atrioventricular block. *Pacing Clin Electrophysiol*. 1986 Nov;9(6):842-59. doi: 10.1111/j.1540-8159.1986.tb06634.x. PMID: 2432487.

15: Gorgels AP, De Wit B, Beekman HD, Dassen WR, Wellens HJ. Triggered activity

induced by pacing during digitalis intoxication: observations during programmed electrical stimulation in the conscious dog with chronic complete atrioventricular block. *Pacing Clin Electrophysiol.* 1987 Nov;10(6):1309-21. doi: 10.1111/j.1540-8159.1987.tb04967.x. PMID: 2446278.

16: Gorgels AP, Vos MA, Letsch IS, Verschuuren EA, Bär FW, Janssen JH, Wellens HJ. Usefulness of the accelerated idioventricular rhythm as a marker for myocardial necrosis and reperfusion during thrombolytic therapy in acute myocardial infarction. *Am J Cardiol.* 1988 Feb 1;61(4):231-5. doi: 10.1016/0002-9149(88)90921-6. PMID: 3341199.

17: Braat SH, Gorgels AP, Bär FW, Wellens HJ. Value of the ST-T segment in lead V4R in inferior wall acute myocardial infarction to predict the site of coronary arterial occlusion. *Am J Cardiol.* 1988 Jul 1;62(1):140-2. doi: 10.1016/0002-9149(88)91380-x. PMID: 3289355.

18: Vos MA, Gorgels AP, Drenth JP, Leunissen JD, Wellens HJ. Termination of ouabain-induced ventricular tachycardia by flunarizine in conscious dogs. *Eur J Pharmacol.* 1989 Jun 8;165(1):139-45. doi: 10.1016/0014-2999(89)90780-2. PMID: 2767130.

19: Vos MA, Gorgels AP, Leunissen-Beekman JD, Brugada P, Wellens HJ. The effect of an entrainment protocol on ouabain-induced ventricular tachycardia. *Pacing Clin Electrophysiol.* 1989 Sep;12(9):1485-93. doi: 10.1111/j.1540-8159.1989.tb06153.x. PMID: 2476777.

20: Vos MA, Gorgels AP, Leunissen JD, Wellens HJ. Flunarizine allows differentiation between mechanisms of arrhythmias in the intact heart. *Circulation.* 1990 Jan;81(1):343-9. doi: 10.1161/01.cir.81.1.343. PMID: 2297838.

21: Vos MA, Gorgels AP, de Wit B, Drenth JP, van Deursen RT, Leunissen JD, Wellens HJ. Premature escape beats. A model for triggered activity in the intact heart? *Circulation.* 1990 Jul;82(1):213-24. doi: 10.1161/01.cir.82.1.213. PMID: 1694739.

22: Wellens HJ, Atie J, Penn OC, Gorgels AP, Brugada P, Smeets JL. Diagnosis and treatment of patients with accessory pathways. *Cardiol Clin.* 1990 Aug;8(3):503-21. PMID: 2205388.

23: Wellens HJ, Atié J, Smeets JL, Cruz FE, Gorgels AP, Brugada P. The electrocardiogram in patients with multiple accessory atrioventricular pathways. *J Am Coll Cardiol.* 1990 Sep;16(3):745-51. doi: 10.1016/0735-1097(90)90369-z. PMID: 2387946.

24: Vos MA, Gorgels AP, Leunissen JD, Wellens HJ. The in vivo response of ouabain-induced arrhythmias to pacing: acceleration instead of termination. *Am Heart J.* 1990 Sep;120(3):604-11. doi: 10.1016/0002-8703(90)90018-s. PMID: 2389698.

25: Gorgels AP, Vos MA, Wellens HJ. Premature escape beats in vitro and in vivo. *Circulation.* 1991 Jan;83(1):353-4. doi: 10.1161/01.cir.83.1.353. PMID: 1702039.

26: Vos MA, Gorgels AP, Leunissen JD, van Deursen RT, Wellens HJ. Significance of the number of stimuli to initiate ouabain-induced arrhythmias in the intact heart. *Circ Res.* 1991 Jan;68(1):38-44. doi: 10.1161/01.res.68.1.38. PMID:

1984871.

27: Atie J, Brugada P, Brugada J, Smeets JL, Cruz FE, Roukens MP, Gorgels A, Bär FW, Wellens HJ. Clinical presentation and prognosis of left main coronary artery disease in the 1980s. *Eur Heart J.* 1991 Apr;12(4):495-502. doi: 10.1093/oxfordjournals.eurheartj.a059929. PMID: 2065683.

28: Jordaens L, Gorgels A, Stroobandt R, Temmerman J. Efficacy and safety of intravenous sotalol for termination of paroxysmal supraventricular tachycardia. The Sotalol Versus Placebo Multicenter Study Group. *Am J Cardiol.* 1991 Jul 1;68(1):35-40. doi: 10.1016/0002-9149(91)90706-q. PMID: 2058557.

29: de Vreede JJ, Gorgels AP, Verstraaten GM, Vermeer F, Dassen WR, Wellens HJ. Did prognosis after acute myocardial infarction change during the past 30 years? A meta-analysis. *J Am Coll Cardiol.* 1991 Sep;18(3):698-706. doi: 10.1016/0735-1097(91)90792-8. PMID: 1831213.

30: Wellens HJ, Lemery R, Smeets JL, Brugada P, Gorgels AP, Cheriex EC, de Zwaan C. Sudden arrhythmic death without overt heart disease. *Circulation.* 1992 Jan;85(1 Suppl):I92-7. PMID: 1728510.

31: Wellens HJ, Smeets JL, Vos M, Gorgels AP. Antiarrhythmic drug treatment: need for continuous vigilance. *Br Heart J.* 1992 Jan;67(1):25-33. doi: 10.1136/hrt.67.1.25. PMID: 1739521; PMCID: PMC1024695.

32: Vos MA, Gorgels AP, Leunissen JD, Havenith MG, Kriek E, Smeets JL, Wellens HJ. Programmed electrical stimulation and drugs identify two subgroups of ventricular tachycardias occurring 16-24 hours after occlusion of the left anterior descending artery. *Circulation.* 1992 Feb;85(2):747-55. doi: 10.1161/01.cir.85.2.747. PMID: 1735167.

33: Vos MA, Gorgels AP, Leunissen JD, van der Nagel T, Halbertsma FJ, Wellens HJ. Further observations to confirm the arrhythmia mechanism-specific effects of flunarizine. *J Cardiovasc Pharmacol.* 1992 May;19(5):682-90. PMID: 1381765.

34: Wellens HJ, Gorgels AP, Smeets JL, den Dulk K. Ambulatory electrocardiography evaluation of supraventricular tachyarrhythmias and bradyarrhythmias. *Cardiol Clin.* 1992 Aug;10(3):361-70. PMID: 1504969.

35: Gorgels AP, Vos MA, Smeets JL, Wellens HJ. Ventricular arrhythmias in heart failure. *Am J Cardiol.* 1992 Oct 8;70(10):37C-43C. doi: 10.1016/0002-9149(92)91356-9. PMID: 1414893.

36: Gorgels AP, Wellens HJ, Vos MA. Aviation and antiarrhythmic medication. *Eur Heart J.* 1992 Dec;13 Suppl H:144-8. doi: 10.1093/eurheartj/13.suppl_h.144. PMID: 1493820.

37: Gressin V, Gorgels A, Louvard Y, Maison-Blanche P. Reconsidering arrhythmias as markers of reperfusion. Combined arrhythmia and ST-segment analysis during myocardial infarction. *J Electrocardiol.* 1993;26 Suppl:262-9. PMID: 8189136.

38: Gressin V, Gorgels AP, Louvard Y, Lardoux H, Bigelow RH. Is arrhythmogenicity related to the speed of reperfusion during thrombolysis for myocardial infarction? *Eur Heart J.* 1993 Apr;14(4):516-20. doi: 10.1093/eurheartj/14.4.516. PMID: 7682509.

- 39: Gressin V, Gorgels A, Louvard Y, Lardoux H, Bigelow R. ST-segment normalization time and ventricular arrhythmias as electrocardiographic markers of reperfusion during intravenous thrombolysis for acute myocardial infarction. *Am J Cardiol.* 1993 Jun 15;71(16):1436-9. doi: 10.1016/0002-9149(93)90607-e. PMID: 8517391.
- 40: Gressin V, Louvard Y, Gorgels AP, Pezzano M, Lardoux H. Arythmies de reperfusion [Reperfusion arrhythmia]. *Arch Mal Coeur Vaiss.* 1993 Jul;86 Spec No 4:69-77. French. PMID: 8304816.
- 41: Vos MA, van Deursen RT, Gorgels AP, Leunissen JD, Wellens HJ. R56865, an antiarrhythmic drug with class III effects that terminates ouabain induced ventricular tachycardia in an inverse rate dependent manner. *Cardiovasc Res.* 1993 Aug;27(8):1491-7. doi: 10.1093/cvr/27.8.1491. PMID: 8221803.
- 42: Gressin V, Gorgels AP, Louvard Y, Lardoux H, Bigelow RH. Une reperfusion plus soudaine est-elle plus arythmogène au cours de la thrombolyse pour infarctus du myocarde? [Is sudden reperfusion more arrhythmogenic during thrombolysis for myocardial infarction?]. *Arch Mal Coeur Vaiss.* 1993 Oct;86(10):1475-81. French. PMID: 8010846.
- 43: Gorgels AP, Vos MA, Mulleneers R, de Zwaan C, Bär FW, Wellens HJ. Value of the electrocardiogram in diagnosing the number of severely narrowed coronary arteries in rest angina pectoris. *Am J Cardiol.* 1993 Nov 1;72(14):999-1003. doi: 10.1016/0002-9149(93)90852-4. PMID: 8213601.
- 44: Dassen W, Gorgels A, Mulleneers R, Karthaus V, Els HV, Talmon J. Development of ECG criteria to diagnose the number of narrowed coronary arteries in rest angina using new self-learning techniques. *J Electrocardiol.* 1994;27 Suppl:156-60. doi: 10.1016/s0022-0736(94)80076-6. PMID: 7884354.
- 45: Vos MA, Fazekas T, Gorgels AP, Leunissen JD, Wellens HJ. Action of MgSO₄ differs from moricizine and verapamil on ouabain-induced ventricular tachycardia in normomagnesemic conscious dogs. *J Cardiovasc Pharmacol.* 1994 Feb;23(2):252-8. doi: 10.1097/00005344-199402000-00012. PMID: 7511755.
- 46: Sreeram N, Cheriex EC, Smeets JL, Gorgels AP, Wellens HJ. Value of the 12-lead electrocardiogram at hospital admission in the diagnosis of pulmonary embolism. *Am J Cardiol.* 1994 Feb 1;73(4):298-303. doi: 10.1016/0002-9149(94)90237-2. PMID: 8296763.
- 47: Vos MA, Gorgels AP, Lipcsei GC, De Groot SH, Leunissen JD, Wellens HJ. Mechanism-specific antiarrhythmic effects of the potassium channel activator levromakalim against repolarization-dependent tachycardias. *J Cardiovasc Electrophysiol.* 1994 Sep;5(9):731-42. doi: 10.1111/j.1540-8167.1994.tb01196.x. PMID: 7827712.
- 48: Vainer J, Van der Steld B, Smeets JL, Gorgels AP, Sreeram N, Wellens HJ. Beat-to-beat behavior of QT interval during conducted supraventricular rhythm in the normal heart. *Pacing Clin Electrophysiol.* 1994 Sep;17(9):1469-76. doi: 10.1111/j.1540-8159.1994.tb01511.x. PMID: 7991417.
- 49: Vos MA, Verduyn SC, Gorgels AP, Lipcsei GC, Wellens HJ. Reproducible induction of early afterdepolarizations and torsade de pointes arrhythmias by

- d-sotalol and pacing in dogs with chronic atrioventricular block. *Circulation*. 1995 Feb 1;91(3):864-72. doi: 10.1161/01.cir.91.3.864. PMID: 7828315.
- 50: Verduyn SC, Vos MA, Gorgels AP, van der Zande J, Leunissen JD, Wellens HJ. The effect of flunarizine and ryanodine on acquired torsades de pointes arrhythmias in the intact canine heart. *J Cardiovasc Electrophysiol*. 1995 Mar;6(3):189-200. doi: 10.1111/j.1540-8167.1995.tb00770.x. PMID: 7620644.
- 51: Doevendans PA, Gorgels AP, van der Zee R, Partouns J, Bär FW, Wellens HJ. Electrocardiographic diagnosis of reperfusion during thrombolytic therapy in acute myocardial infarction. *Am J Cardiol*. 1995 Jun 15;75(17):1206-10. doi: 10.1016/s0002-9149(99)80763-2. PMID: 7778540.
- 52: Gorgels AP, Widdershoven JW, de Vreede-Swagemakers JJ, Dijkman LW, Arbouw W, Vermeer F, Wellens HJ. Has the long-term prognosis of acute myocardial infarction improved with the new treatments? The negative outlook. *Eur Heart J*. 1995 Jul;16 Suppl E:54-6. doi: 10.1093/eurheartj/16.suppl_e.54. PMID: 8542886.
- 53: Wellens HJ, de Vreede J, Gorgels AP. Sudden cardiac death. How to reduce the number of victims? *Eur Heart J*. 1995 Aug;16 Suppl G:7-9. doi: 10.1093/eurheartj/16.suppl_g.7. PMID: 8595800.
- 54: de Groot SH, Vos MA, Gorgels AP, Leunissen JD, van der Steld BJ, Wellens HJ. Combining monophasic action potential recordings with pacing to demonstrate delayed afterdepolarizations and triggered arrhythmias in the intact heart. Value of diastolic slope. *Circulation*. 1995 Nov 1;92(9):2697-704. doi: 10.1161/01.cir.92.9.2697. PMID: 7586375.
- 55: Gorgels AP, van den Dool A, Hofs A, Mulleneers R, Smeets JL, Vos MA, Wellens HJ. Comparison of procainamide and lidocaine in terminating sustained monomorphic ventricular tachycardia. *Am J Cardiol*. 1996 Jul 1;78(1):43-6. doi: 10.1016/s0002-9149(96)00224-x. PMID: 8712116.
- 56: Bär FW, Ophnis TJ, Frederiks J, de Swart HB, van Ommen VG, de Zwaan C, Vermeer F, Gorgels AP, Wellens HJ. Rescue PTCA Following Failed Thrombolysis and Primary PTCA: A Retrospective Study of Angiographic and Clinical Outcome. *J Thromb Thrombolysis*. 1997;4(2):281-288. doi: 10.1023/a:1008807321037. PMID: 10639271.
- 57: de Zwaan C, Bär FW, Gorgels AG, Wellens HJ. Unstable angina: are we able to recognize high-risk patients? *Chest*. 1997 Jul;112(1):244-50. doi: 10.1378/chest.112.1.244. PMID: 9228383.
- 58: Widdershoven JW, Gorgels AP, Vermeer F, Dijkman LW, Verstraaten GM, Dassen WR, Wellens HJ. Changing characteristics and in-hospital outcome in patients admitted with acute myocardial infarction. Observations from 1982 to 1994. *Eur Heart J*. 1997 Jul;18(7):1073-80. doi: 10.1093/oxfordjournals.eurheartj.a015400. PMID: 9243139.
- 59: de Vreede-Swagemakers JJ, Gorgels AP, Dubois-Arbouw WI, van Ree JW, Daemen MJ, Houben LG, Wellens HJ. Out-of-hospital cardiac arrest in the 1990's: a population-based study in the Maastricht area on incidence, characteristics and survival. *J Am Coll Cardiol*. 1997 Nov 15;30(6):1500-5. doi: 10.1016/s0735-1097(97)00355-0. PMID: 9362408.

- 60: de Vreede-Swagemakers JJ, Gorgels AP, Dubois-Arbouw WI, Dalstra J, Daemen MJ, van Ree JW, Stijns RE, Wellens HJ. Circumstances and causes of out-of-hospital cardiac arrest in sudden death survivors. *Heart*. 1998 Apr;79(4):356-61. doi: 10.1136/hrt.79.4.356. PMID: 9616342; PMCID: PMC1728666.
- 61: Kirchhof CJ, Gorgels AP, Wellens HJ. Carotid sinus massage as a diagnostic and therapeutic tool for atrial flutter-fibrillation. *Pacing Clin Electrophysiol*. 1998 Jun;21(6):1319-21. doi: 10.1111/j.1540-8159.1998.tb00196.x. PMID: 9633079.
- 62: Zwietering PJ, Knottnerus JA, Rinkens PE, Kleijne MA, Gorgels AP. Arrhythmias in general practice: diagnostic value of patient characteristics, medical history and symptoms. *Fam Pract*. 1998 Aug;15(4):343-53. doi: 10.1093/fampra/15.4.343. PMID: 9792350.
- 63: Gorgels AP, Al Fadley F, Zaman L, Kantoch MJ, Al Halees Z. The long QT syndrome with impaired atrioventricular conduction: a malignant variant in infants. *J Cardiovasc Electrophysiol*. 1998 Nov;9(11):1225-32. doi: 10.1111/j.1540-8167.1998.tb00096.x. PMID: 9835268.
- 64: Kantoch MJ, Qurashi MM, Bulbul ZR, Gorgels AP. A newborn with a complex congenital heart disease, atrioventricular block, and torsade de pointes ventricular tachycardia. *Pacing Clin Electrophysiol*. 1998 Dec;21(12):2664-7. doi: 10.1111/j.1540-8159.1998.tb00043.x. PMID: 9894657.
- 65: De Groot SH, Vos MA, Gorgels AP, Leunissen JD, Hermans M, Dohmen LR, Wellens HJ. The dynamic behavior of the diastolic slope of monophasic action potential can be related to the occurrence and maintenance of delayed afterdepolarization dependent arrhythmias. *Pacing Clin Electrophysiol*. 1999 Jan;22(1 Pt 1):49-59. doi: 10.1111/j.1540-8159.1999.tb00299.x. PMID: 9990600.
- 66: de Vreede-Swagemakers JJ, Gorgels AP, Weijenberg MP, Dubois-Arbouw WI, Golombeck B, van Ree JW, Knottnerus A, Wellens HJ. Risk indicators for out-of-hospital cardiac arrest in patients with coronary artery disease. *J Clin Epidemiol*. 1999 Jul;52(7):601-7. doi: 10.1016/s0895-4356(99)00044-x. PMID: 10391652.
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