

## Elections to Council Nucleus and Nominating committee 2024-2026

### 1. Previous experience(s) in the Council or ESC?

I have been a Fellow of the ESC since 2000. In 2020 I was elected to the Council on hypertension nucleus and have served 2 terms as treasurer. During these terms I took the initiative to and chaired writing of ESC scientific documents on Sex differences in hypertension and on Management of patients with combined arterial hypertension and aortic valve stenosis. I also organized several educational webinars focusing on hypertension and cardiovascular disease. For the period 2022-24 I also have served as board member of the Council on stroke

### 2. Selected publications (please list 5 max)

1/ **Gerdts E**, Izzo R, Mancusi C, Losi MA, Manzi MV, Canciello G, De Luca N, Trimarco B, de Simone G. Left ventricular hypertrophy offsets the sex difference in cardiovascular risk (the Campania Salute Network). *Int J Cardiol.* 2018;258:257-261. PMID: 29544940 DOI: 10.1016/j.ijcard.2017.12.086

2/ Mancusi C, de Simone G, Hitij JB, Sudano I, Mahfoud F, Parati G, Kahan T, Barbato E, Pierard LA, Garbi M, Flachskampf FA, **Gerdts E**. Management of patients with combined arterial hypertension and aortic valve stenosis: a consensus document from the Council on Hypertension and Council on Valvular Heart Disease of the European Society of Cardiology, the European Association of Cardiovascular Imaging (EACVI), the European Association of Percutaneous Cardiovascular Interventions (EAPCI). *Eur Heart J Cardiovasc Pharmacother.* 2021;7:242-250. PMID: 32353143 DOI: 10.1093/ehjcvp/pvaa040

3/ Kringeland E, Tell GS, Midtbø H, Igland J, Haugsgjerd TR, **Gerdts E**. Stage 1 hypertension, sex, and acute coronary syndromes during midlife: the Hordaland Health Study. *Eur J Prev Cardiol.*2022;29:147-154. PMID: 33993298 doi: 10.1093/eurjpc/zwab068

4/ **Gerdts E**, Sudano I, Brouwers S, Borghi C, Bruno RM, Ceconi C, Cornelissen V, Diévar F, Ferrini M, Kahan T, Løchen ML, Maas AHM, Mahfoud F, Mihailidou AS,

Moholdt T, Parati G, de Simone G. Sex differences in arterial hypertension. *Eur Heart J*. 2022 Dec 7;43(46):4777-4788. PMID: 36136303 doi: 10.1093/eurheartj/ehac470.

5/ Bidel Z, Nazarzadeh M, Canoy D, Copland E, **Gerdts E**, Woodward M, Gupta AK, Reid CM, Cushman WC, Wachtell K, Teo K, Davis BR, Chalmers J, Pepine CJ, Rahimi K; Blood Pressure Lowering Treatment Trialists' Collaboration. Sex-Specific Effects of Blood Pressure Lowering Pharmacotherapy for the Prevention of Cardiovascular Disease: An Individual Participant-Level Data Meta-Analysis. *Hypertension*. 2023 Nov;80(11):2293-2302.

3. Motivation letter: Why are you interested in joining the Council Nucleus or Nominating committee (250 words max)?

Since I as a PhD fellow in the 1990ies used echocardiography in my clinical studies on hypertension and salt sensitivity, I have been interested in the association of hypertension with cardiovascular organ damage. I discovered that women are disproportionately affected by cardiac organ damage in hypertension, while the underlying mechanisms for this difference remain partly unknown. My research contributed to introduce sex specific threshold values for identification of cardiac organ damage in ESC guidelines, which was important to avoid underdiagnosis in women. The ESC conference was a natural audience for presenting my research, and I become a FESC already in 2000. I first was involved with the heart in hypertension workgroup, and later with the Council on hypertension. To me it was astonishing to observe the low general interest for hypertension among cardiologists, being the number one cause of cardiovascular disease in women, and only second to smoking in men. This inspired me to become elected as a nucleus member in Council on hypertension in 2020. I have collaborated with pleasure with nucleus members over two terms, and developed educational sessions, webinars and scientific documents to elevate knowledge on hypertension within the ESC membership. I have been encouraged to seek a more leading position to continue this work as president elect candidate in the upcoming election.

## Eva Gerdts

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Keywords: Medicine, cardiology, clinical sciences, cardiovascular imaging

### EDUCATION (RELEVANT)

1981	Cand. Med., University of Bergen, Bergen, Norway
1990	Board certificate Internal Medicine
1994	Board certificate Cardiology
1999	Dr. Med., University of Bergen, Bergen, Norway

### WORK EXPERIENCE (RELEVANT) (CURRENT POSITIONS IN BOLD)

1981-1982	Internship
1983-1984	Primary care physician
1985-1989	Residency Internal Medicine, Diaconess Hospital, Bergen
1989-1992	Residency Cardiology, Haukeland University Hospital (HUH), Bergen
1993-1996	Research Fellow, University of Bergen (UiB), Bergen, Norway
1997-2003	Head of invasive cardiology section, Department of Heart Disease, HUH
2001	Guest researcher, Weill Medical Center, Cornell University, New York, USA
2002-2005	Postdoctoral fellow, University of Bergen, Bergen, Norway
2003-2018	Head of noninvasive cardiac imaging section, HUH
2005-2006	Postdoctoral fellow, Weill Medical Center, Cornell University, NY, USA
<b>2006-</b>	<b>Professor of Medicine (Cardiology), UiB, Bergen, Norway</b>
2009-2015	Vice-chair for education, Department of Clinical Science, UiB
2011	Guest professor, Federico II University, Naples, Italy
2016	Guest professor, Federico II University, Naples, Italy
<b>2018-</b>	<b>Consultant, Department of Heart Disease, HUH</b>
2020	Guest professor, Federico II University, Naples, Italy

### SUPERVISION

2004-2008	Einar Skulstad Davidsen PhD University of Bergen
2004-2009	Åshild E. Rieck, research student, master in medicine, UiB
2007-2009	Dana Cramariuc PhD University of Bergen
2008-2010	Mai Tone Lønnebakken PhD University of Bergen
2009-2012	Åshild E. Rieck PhD University of Bergen
2009-2012	Pilly M. Chillo PhD University of Bergen
2009-2013	Asle Hirth PhD University of Bergen (co-mentor)
2010-2014	Barbara P. Rogge PhD University of Bergen
2011-2014	Marina De Marco PhD Federico II University, Naples, Italy (co-mentor)
2012-2015	Edda Bahlmann, PhD Hamburg University, Germany (co-mentor)
2012-2016	Sahrai Saeed PhD University of Bergen
2012-2016	Helga Midtbø PhD University of Bergen
2015-2019	Hilde Halland PhD fellow UiB
2011-2017	Ingeborg Eskerud Research medical student UiB
2014-2018	Eigir Einarsen research student, master in medicine, UiB
2017-2020	Ingeborg Eskerud PhD fellow (co-mentor) UiB
2017-2022	Nadia Pristaj research student, master in medicine, UiB
2018-2020	Eigir Einarsen PhD fellow UiB
2018-2022	Ester Kringeland PhD fellow UiB
2018-2023	Johannes J. Hjertaas PhD fellow (co-mentor) UiB
2019-2024	Arleen Aune PhD fellow UiB

2020-	Lisa Marie Grymyr PhD Fellow (co-mentor) UiB
2020-	Anja Grinde Linde PhD fellow (co-mentor) UiB
2021-	Annabel Eide Ohldieck PhD fellow UiB
2022-	Rune Eilertsen PhD fellow (co-mentor) UiB

## APPOINTMENTS

1999-2003	Editor in chief, Hjerteforum, journal of the Norwegian Society of Cardiology
2003-	Editorial board member Blood Pressure
2006-	Head, Bergen Hypertension and Cardiac Dynamics research group, UiB
2007-2011	President, Norwegian Society of Hypertension
2008-2012	Editorial board member Journal of Hypertension
2011-	Board member, Norwegian Society of Hypertension
2011-2016	Board member, UNIKARD, national organization for cooperation and visibility of cardiovascular research
2012-2021	Board member, National PhD school for cardiac research
2018-2020	Chair, evaluation panel, Independent Research Fund Denmark   Medical Sciences, Clinical Science & Organ Physiology
2020-	Chair, UiB Center for Research on Cardiac Disease in Women

## AWARDS/HONORS

1999	Marie Spångberg Prize, Norwegian Medical Association
2000	Appointed Fellow of the European Society of Cardiology
2000	Caroline Museus Aarsvolds Prize, Norwegian Medical Association
2007	Ole Storstein's Prize, Norwegian Society of Cardiology
2009	UiB Medical Students' Prize, Best teacher
2015	Appointed Fellow of the American Heart Association
2016	Kvinnehelseforskningsprisen. Norwegian Women's Health Association
2016	Orchide Prize, Norwegian Medical Association
2019	Elected member of the <b>Norwegian Academy of Science and Letters</b>
2020	Faculty of Medicine, UiB, Best Work in Research and Innovation Prize
2021	Western Norwegian Health Authorities Research Prize 2021
2022	Norwegian Public Health Association, Hjerteforskningsprisen
2024	UiB Søren Falch Senior Researcher Prize

## GRANTS

2000	Norwegian Medical Association, grant NOK 300 000.
2002-2008	Merck Schering Plough Research grant. SEAS echocardiography core laboratory. NOK 8 000 000.
2009	Grant from the Blix Family Funds for Medical Research. NOK 300 000.
2009-2011	Western Norwegian Health Authorities. FATCOR study. NOK 1 500 000
2012-2014	Western Norwegian Health Authorities. Female Heart .NOK 1 500 000
2012-2015	Norwegian Research Council. Female Heart study. NOK 6 000 000
2012	Grant Grieg Foundation. NOK 1 500 000.
2014-2016	Western Norwegian Health Authorities. MicroCAD project.NOK 1 500 000
2015-2017	South Eastern Norwegian Health Authorities. Fitness in fatness heart study. NOK 3 000 000.
2016-2019	Helsinki Central University Hospital. SECRETO study. Echocardiography Core laboratory. NOK 1 360 000
2017-2019	Western Norwegian Health Authorities. HUSK3 study NOK 3 000 000
2019-2022	Norwegian Research Council. IDA study. NOK 3 000 000
2019-2021	Western Norwegian Health Authorities. JointHeart Study. NOK 1 300 000
2020	Hjertefondet, UiB. NOK 12 000 000
2021-2023	Western Norwegian Health Authorities. IDA study. NOK 2 154 000

2021-	Norwegian Research Council. Oral health and CVD. NOK 1 800 000
2022	Grieg Foundation grant. FATCOR follow-up study. NOK 1 800 000
2023	Grieg Foundation grant. Women's Health. NOK 6 000 000

### Publication list from 2018

Per 25.03.24 in total 272 publications on PubMed. ISI Web of Science H-indeks 50, 472 publications, >16.900 non-self citations. Average citations per publication 43

#### A. Scientific papers in international, peer-reviewed journals

1. Oftedal Å, **Gerdts E**, Waje-Andreassen U, Fromm A, Naess H, Linde A, Saeed S. Prevalence and covariates of uncontrolled hypertension in ischemic stroke survivors: the Norwegian stroke in the young study. *Blood Press*. 2018;27:173-180
2. Ludvigsen S, Mancusi C, Kildal S, de Simone G, **Gerdts E**, Ytrehus K. Cardiac adaptation to hypertension in adult female Dahl salt-sensitive rats is dependent on ovarian function, but loss of ovarian function does not predict early maladaptation. *Physiol Rep*. 2018;6(3). doi: 1014814
3. **Gerdts E**, Izzo R, Mancusi C, Losi MA, Manzi MV, Canciello G, De Luca N, Trimarco B, de Simone G. Left ventricular hypertrophy offsets the sex difference in cardiovascular risk (the Campania Salute Network). *Int J Cardiol*. 2018;258:257-261.
4. Linde A, **Gerdts E**, Waje-Andreassen U, Pristaj N, Naess H, Fromm A, Saeed S. Covariables and types of abnormal left ventricular geometry in nonelderly ischemic stroke survivors: the Norwegian Stroke in the Young Study. *J Hypertens*. 2018;36:1858-1864.
5. Midtbø H, **Gerdts E**, Berg IJ, Rollefstad S, Jonsson R, Semb AG. Ankylosing Spondylitis Is Associated with Increased Prevalence of Left Ventricular Hypertrophy. *J Rheumatol*. 2018;45:1249-1255
6. Halland H, Lønnebakken MT, Pristaj N, Saeed S, Midtbø H, Einarsen E, **Gerdts E**. Sex differences in subclinical cardiac disease in overweight and obesity (the FATCOR study). *Nutr Metab Cardiovasc Dis*. 2018 Oct;28(10):1054-1060
7. Saeed S, **Gerdts E**, Waje-Andreassen U, Fromm A, Pristaj N, Naess H, Matre K. Left ventricular myocardial dysfunction in young and middle-aged ischemic stroke patients: the Norwegian stroke in the young study. *J Hypertens*. 2019;37:538-545
8. Midtbø H, Semb AG, Matre K, Rollefstad S, Berg IJ, **Gerdts E**. Left Ventricular Systolic Myocardial Function in Ankylosing Spondylitis. *Arthritis Care Res (Hoboken)*. 2019;71:1276-1283
9. Lønnebakken MT, Mancusi C, Losi MA, **Gerdts E**, Izzo R, Manzi MV, De Luca N, de Simone G, Trimarco B. Weight loss facilitates reduction of left ventricular mass in obese hypertensive patients: The Campania Salute Network. *Nutr Metab Cardiovasc Dis*. 2019;29:185-190
10. Einarsen E, Saeed S, Cramariuc D, Chambers JB, Midtbø H, **Gerdts E**. Impact of Obesity on Persistent Left Ventricular Hypertrophy After Aortic Valve Replacement for Aortic Stenosis. *Am J Cardiol*. 2019;123:942-947



11. Eskerud I, **Gerdts E**, Larsen TH, Lønnebakken MT. Left ventricular hypertrophy contributes to Myocardial Ischemia in Non-obstructive Coronary Artery Disease (the MicroCAD study). *Int J Cardiol.* 2019;286:1-6. doi: 10.1016/j.ijcard.2019.03.059. Epub 2019 Mar 28
12. Mancusi C, Losi MA, Izzo R, **Gerdts E**, Canciello G, Arnone MI, Trimarco B, de Simone G, De Luca N. Prognostic impact of increased pulse pressure/stroke index in a registry of hypertensive patients: the Campania Salute Network. *Blood Press.* 2019;28:268-275.
13. Bahlmann E, Cramariuc D, Saeed S, Chambers JB, Nienaber CA, Kuck KH, Lønnebakken MT, **Gerdts E**. Low systemic arterial compliance is associated with increased cardiovascular morbidity and mortality in aortic valve stenosis. *Heart.* 2019;105:1507-1514
14. Halland H, Matre K, Einarsen E, Midtbø H, Saeed S, Pristaj N, Lønnebakken MT, **Gerdts E**. Effect of fitness on cardiac structure and function in overweight and obesity (the FATCOR study). *Nutr Metab Cardiovasc Dis.* 2019;29:710-71
15. **Gerdts E**, Saeed S, Midtbø H, Rossebø A, Chambers JB, Einarsen E, Bahlmann E, Devereux R. Higher left ventricular mass-wall stress-heart rate product and outcome in aortic valve stenosis. *Heart.* 2019;105:1629-1633
16. Lønnebakken MT, Eskerud I, Larsen TH, Midtbø HB, Kokorina MV, **Gerdts E**. Impact of aortic stiffness on myocardial ischaemia in non-obstructive coronary artery disease. *Open Heart.* 2019;6(1):e000981. doi: 10.1136/openhrt-2018-000981. eCollection 2019.
17. Saeed S, **Gerdts E**, Waje-Andreassen U, Sinisalo J, Putaala J. Searching for Explanations for Cryptogenic Stroke in the Young: Revealing the Etiology, Triggers, and Outcome (SECRETO): echocardiography performance protocol. *Echo Res Pract.* 2019;6:53-61
18. Losi MA, Mancusi C, Midtbø H, Saeed S, de Simone G, **Gerdts E**. Impact of estimated left atrial volume on prognosis in patients with asymptomatic mild to moderate aortic valve stenosis. *Int J Cardiol.* 2019;297:121-125
19. Einarsen E, **Gerdts E**, Waje-Andreassen U, Naess H, Fromm A, Saeed S. Association of increased arterial stiffness with diastolic dysfunction in ischemic stroke patients: the Norwegian Stroke in the Young Study. *J Hypertens.* 2020;38:467-47
20. Sharashova E, Wilsgaard T, Ball J, Morseth B, **Gerdts E**, Hopstock LA, Mathiesen EB, Schirmer H, Løchen ML. Long-term blood pressure trajectories and incident atrial fibrillation in women and men: the Tromsø Study. *Eur Heart J.* 2020;41:1554-1562
21. Mancusi C, de Simone G, Hitij JB, Sudano I, Mahfoud F, Parati G, Kahan T, Barbato E, Pierard LA, Garbi M, Flachskampf FA, **Gerdts E**. Management of patients with combined arterial hypertension and aortic valve stenosis: a consensus document from the Council on Hypertension and Council on Valvular Heart Disease of the European Society of Cardiology, the European Association of Cardiovascular Imaging (EACVI), the European Association of Percutaneous Cardiovascular Interventions (EAPCI). *Eur Heart J Cardiovasc Pharmacother.* 2021;7:242-250

22. Herfindal B, **Gerdts E**, Kringeland EA, Saeed S, Midtbø H, Halland H. Concomitant hypertension is associated with abnormal left ventricular geometry and lower systolic myocardial function in overweight participants: the FAT associated Cardiovascular dysfunction study. *J Hypertens.* 2020;38:1158-1164
23. Os HA, Rollefstad S, **Gerdts E**, Kringeland E, Ikdahl E, Semb AG, Midtbø H. Preclinical cardiac organ damage during statin treatment in patients with inflammatory joint diseases: the RORA-AS statin intervention study. *Rheumatology (Oxford).* 2020;59:3700-3708
24. Kringeland E, Tell GS, Midtbø H, Haugsgjerd TR, Igland J, **Gerdts E**. Factors associated with increase in blood pressure and incident hypertension in early midlife: the Hordaland Health Study. *Blood Press.* 2020;29:267-275
25. Einarsen E, Hjertaas JJ, Gu H, Matre K, Chowienczyk PJ, **Gerdts E**, Chambers JB, Saeed S. Impact of arterio-ventricular interaction on first-phase ejection fraction in aortic stenosis. *Eur Heart J Cardiovasc Imaging.* 2021;22:650-657
26. Pristaj N, Saeed S, Midtbø H, Halland H, Matre K, **Gerdts E**. Covariables of Myocardial Function in Women and Men with Increased Body Mass Index. *High Blood Press Cardiovasc Prev.* 2020;27:579-586
27. Cramariuc D, Bahlmann E, Egstrup K, Rossebø AB, Ray S, Kesäniemi YA, Nienaber CA, **Gerdts E**. Prognostic impact of impaired left ventricular midwall function during progression of aortic stenosis. *Echocardiography.* 2021;38:31-38
28. Grymyr LMD, Nadirpour S, **Gerdts E**, Nedrebø BG, Hjertaas JJ, Matre K, Cramariuc D. Left ventricular myocardial oxygen demand and subclinical dysfunction in patients with severe obesity referred for bariatric surgery. *Nutr Metab Cardiovasc Dis.* 2021;31:666-674
29. Einarsen E, Cramariuc D, Bahlmann E, Midtbø H, Chambers JB, **Gerdts E**. Higher Acceleration/Ejection Time Ratio Predicts Impaired Outcome in Aortic Valve Stenosis. *Circ Cardiovasc Imaging.* 2021;14(1):e011467. doi: 10.1161/CIRCIMAGING.120.011467
30. Aune A, Kokorina M, Grytaas MA, Midtbø H, Løvås K, **Gerdts E**. Preclinical cardiac disease in women and men with primary aldosteronism. *Blood Press.* 2021;30:230-6. doi: 10.1080/08037051.2021.1904775.
31. Espnes H, Ball J, Løchen ML, Wilsgaard T, Njølstad I, Mathiesen EB, **Gerdts E**, Sharashova E. Sex-Specific Associations between Blood Pressure and Risk of Atrial Fibrillation Subtypes in the Tromsø Study. *J Clin Med.* 2021;10(7):1514. doi: 10.3390/jcm10071514.
32. Mancusi C, Midtbø H, De Luca N, Halland H, de Simone G, **Gerdts E**. Association of Myocardial Energetic Efficiency with Circumferential and Longitudinal Left Ventricular Myocardial Function in Subjects with Increased Body Mass Index (the FATCOR Study). *J Clin Med.* 2021;10(8):1581. doi: 10.3390/jcm10081581.



33. Kringeland E, Tell GS, Midtbø H, Igland J, Haugsgjerd TR, **Gerdts E**. Stage 1 hypertension, sex, and acute coronary syndromes during midlife: the Hordaland Health Study. *Eur J Prev Cardiol.*2022;29:147-154. doi: 10.1093/eurjpc/zwab068
34. Pöyhönen P, Kuusisto J, Pirinen J, Rätty H, Lehmonen L, Paakkanen R, Martinez-Majander N, **Gerdts E**, Putaala J, Sinisalo J, Järvinen V. Right atrium and cryptogenic ischaemic stroke in the young: a case-control study. *Open Heart.* 2021;8(1):e001596. doi: 10.1136/openhrt-2021-001596.
35. Linde A, **Gerdts E**, Tveit KS, Kringeland E, Midtbø H. Subclinical Cardiac Organ Damage in Patients with Moderate to Severe Psoriasis. *J Clin Med.* 2021 May 31;10(11):2440. doi: 10.3390/jcm10112440.
36. Eskerud I, **Gerdts E**, Larsen TH, Simon J, Maurovich-Horvat P, Lønnebakken MT. Total coronary atherosclerotic plaque burden is associated with myocardial ischemia in non-obstructive coronary artery disease. *Int J Cardiol Heart Vasc.* 2021;35:100831. doi: 10.1016/j.ijcha.2021.100831.
37. Bergland OU, Halvorsen LV, Søråas CL, Hjørnholm U, Kjær VN, Rognstad S, Brobak KM, Aune A, Olsen E, Fauchald YM, Heimark S, Thorstensen CW, Liestøl K, Solbu MD, **Gerdts E**, Mo R, Rostrup M, Kjeldsen SE, Høiegggen A, Opdal MS, Larstorp ACK, Fadl Elmula FEM. Detection of Nonadherence to Antihypertensive Treatment by Measurements of Serum Drug Concentrations. *Hypertension.* 2021;78:617-628.
38. Ytrehus K, Ludvigsen S, Mancusi C, **Gerdts E**, de Simone G. Heart Angiotensin-Converting Enzyme and Angiotensin-Converting Enzyme 2 Gene Expression Associated With Male Sex and Salt-Sensitive Hypertension in the Dahl Rat. *Front Physiol.* 2021;12:663819. doi: 10.3389/fphys.2021.663819.
39. Bahlmann E, Einarsen E, Cramariuc D, Midtbø H, Mancusi C, Rossebø A, Willems S, **Gerdts E**. Low myocardial energetic efficiency is associated with increased mortality in aortic stenosis. *Open Heart.* 2021 Aug;8(2):e001720. doi: 10.1136/openhrt-2021-001720.
40. Grymyr LMD, Nadirpour S, **Gerdts E**, Nedrebø BG, Hjertaas JJ, Matre K, Cramariuc D. One-year impact of bariatric surgery on left ventricular mechanics: results from the prospective FatWest study. *Eur Heart J Open* 2021 Sep;1(2):oeab024. <https://doi.org/10.1093/ehjopen/oeab024>
41. Pöyhönen P, Kuusisto J, Pirinen J, Rätty H, Lehmonen L, Paakkanen R, Martinez-Majander N, Saeed S, **Gerdts E**, Putaala J, Sinisalo J, Järvinen V. Orientation of the atrial septum to the inferior vena cava may contribute to the persistent patency of the foramen ovale. *Cardiology.* 2022;147:169-178. doi: 10.1159/000522017
42. Lilja-Cyron A, Bang CN, **Gerdts E**, Larstorp AC, Kjeldsen SE, Julius S, Okin PM, Wachtell K, Devereux RB. Aortic Root Dilatation in Hypertensive Patients with Left Ventricular Hypertrophy-Application of A New Multivariate Predictive Model. *The Life Study. Rev Cardiovasc Med.* 2022 Mar 10;23(3):95. doi: 10.31083/j.rcm2303095.
43. Aune A, **Gerdts E**, Kokorina M, Kringeland E, Midtbø H, Løvås K, Grytaas MA. Persistent cardiac organ damage in surgically and medically treated primary aldosteronism. *J Hypertens.* 2022;40:1204-1211 doi: 10.1097/HJH.0000000000003135.

44. Zacks ES, Stokke IM, Wachtell K, Hille DA, Høiegggen A, Kjeldsen SE, Julius S, **Gerdts E**, Okin P, Devereux RB. Time-varying serum uric acid predicts new-onset atrial fibrillation in treated hypertensive patients. The LIFE Study. *Explor Med*. 2022;3:128–38. <https://doi.org/10.37349/emed.2022.00079>
45. Gerholt L, Bang CN, **Gerdts E**, Larstorp AC, Kjeldsen SE, Julius S, Wachtell K, Okin P, Devereux RB. Left atrial systolic force in hypertensive patients with left ventricular hypertrophy: a predictor of incident atrial fibrillation. The LIFE study. *OBM Geriatrics* 2022;6(1). doi:10.21926/obm.geri.2201194
46. Chinali M, Aurigemma GP, **Gerdts E**, Wachtell K, Okin PM, Muthiah A, Kjeldsen SE, Julius S, de Simone G, Devereux RB. Development of systolic dysfunction unrelated to myocardial infarction in treated hypertensive patients with left ventricular hypertrophy. The LIFE Study. *Explor Med*. 2022;3:160–72. <https://doi.org/10.37349/emed.2022.00082>
47. Kovac N, Grymyr LMD, **Gerdts E**, Nadirpour S, Nedrebø BG, Hjertaas JJ, Matre K, Cramariuc D. Markers of Subclinical Atherosclerosis in Severe Obesity and One Year after Bariatric Surgery. *J Clin Med*. 2022 Apr 16;11(8):2237. doi: 10.3390/jcm11082237.
48. Midtbø H, Kringeland E, **Gerdts E**, Ueland PM, Meyer K, Linde A, Ulvik A, Jonsson R, Tveit KS. Biomarkers of inflammation and left ventricular remodelling in psoriasis patients treated with infliximab. *Int J Immunopathol Pharmacol*. 2022 Jan-Dec;36:3946320221111131. doi: 10.1177/03946320221111131
49. Sharashova E, **Gerdts E**, Ball J, Espnes H, Jacobsen BK, Kildal S, Mathiesen EB, Njølstad I, Rosengren A, Schirmer H, Wilsgaard T, Løchen ML. Sex-specific time trends in incident atrial fibrillation and the contribution of risk factors: the Tromsø Study 1994-2016. *Eur J Prev Cardiol*. 2023 Jan 11;30(1):72-81. doi: 10.1093/eurjpc/zwac234.
50. Kringeland E, **Gerdts E**, Ulvik A, Tell GS, Igland J, Haugsgjerd TR, Ueland PM, Midtbø H. Inflammation, sex, blood pressure changes and hypertension in midlife: the Hordaland Health Study. *J Hum Hypertens*. 2022 Nov 18. doi: 10.1038/s41371-022-00772-z.
51. Bahlmann E, Einarsen E, Cramariuc D, Pedersen ER, Rossebø AB, Midtbø H, Willems S, **Gerdts E**. Prognosis in asymptomatic patients with discordantly graded aortic valve stenosis based on pressure recovery adjusted valve area. *Open Heart*. 2022 Nov;9(2):e002159. doi: 10.1136/openhrt-2022-002159.
52. Ohldeck AE, Kringeland E, Midtbø H, Tell GS, **Gerdts E**. High-normal blood pressure in midlife is a stronger risk factor for incident hypertension 26 years later in women than men: the Hordaland Health Study. *Blood Press*. 2023 Dec;32(1):2179337. doi: 10.1080/08037051.2023.2179337
53. Ullensvang G, Kringeland E, Ikdahl E, Provan S, Berg IJ, Rollefstad S, Dagfinrud H, **Gerdts E**, Semb AG, Midtbø H. Cardiovascular organ damage in relation to hypertension status in patients with ankylosing spondylitis. *Blood Press*. 2023 Dec;32(1):2205956. doi: 10.1080/08037051.2023.2205956.
54. Feinberg JB, Nielsen EE, Kjeldsen SE, Devereux RB, **Gerdts E**, Wachtell K, Olsen MH. Sex differences in atrial fibrillation and associated complications in hypertensive patients

with left ventricular hypertrophy: The LIFE study. *Am J Hypertens.* 2023 Jun 29;hpad057. doi: 10.1093/ajh/hpad057.

55. Bidel Z, Nazarzadeh M, Canoy D, Copland E, **Gerdts E**, Woodward M, Gupta AK, Reid CM, Cushman WC, Wachtell K, Teo K, Davis BR, Chalmers J, Pepine CJ, Rahimi K; Blood Pressure Lowering Treatment Trialists' Collaboration. Sex-Specific Effects of Blood Pressure Lowering Pharmacotherapy for the Prevention of Cardiovascular Disease: An Individual Participant-Level Data Meta-Analysis. *Hypertension.* 2023 Nov;80(11):2293-2302.
56. Eikås JG, **Gerdts E**, Halland H, Midtbø H, Cramariuc D, Kringeland E. Arterial Stiffness in Overweight and Obesity: Association with Sex, Age, and Blood Pressure. *High Blood Press Cardiovasc Prev.* 2023 Jul 28. doi: 10.1007/s40292-023-00593-2.
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