

## Section of Cardiovascular Medicine Publication Report Q4 (Oct – Dec) 2020

### In reverse chronological order – hyperlinks are active

#### [Association Between Frailty and Atrial Fibrillation in Older Adults: The Framingham Heart Study Offspring Cohort.](#)

Orkaby AR, Kornej J, Lubitz SA, McManus DD, Trivison TG, Sherer JA, Trinquart L, Murabito JM, **Benjamin EJ**, Preis SR.

J Am Heart Assoc. 2020 Dec 29:e018557. doi: 10.1161/JAHA.120.018557. Online ahead of print.

PMID: 33372538

#### [Women and atrial fibrillation.](#)

Volgman AS, **Benjamin EJ**, Curtis AB, Fang MC, Lindley KJ, Naccarelli GV, Pepine CJ, Quesada O, Vaseghi M, Waldo AL, Wenger NK, Russo AM; American College of Cardiology Committee on Cardiovascular Disease in Women.

J Cardiovasc Electrophysiol. 2020 Dec 17. doi: 10.1111/jce.14838. Online ahead of print.

PMID: 33332669 Review.

#### [Global Burden of Cardiovascular Diseases and Risk Factors, 1990-2019: Update From the GBD 2019 Study.](#)

Roth GA, Mensah GA, Johnson CO, Addolorato G, Ammirati E, Baddour LM, Barengo NC, Beaton AZ, **Benjamin EJ**, Benziger CP, Bonny A, Brauer M, Brodmann M, Cahill TJ, Carapetis J, Catapano AL, Chugh SS, Cooper LT, Coresh J, Criqui M, DeCleene N, Eagle KA, Emmons-Bell S, Feigin VL, Fernández-Solà J, Fowkes G, Gakidou E, Grundy SM, He FJ, Howard G, Hu F, Inker L, Karthikeyan G, Kassebaum N, Koroshetz W, Lavie C, Lloyd-Jones D, Lu HS, Mirijello A, Temesgen AM, Mokdad A, Moran AE, Muntner P, Narula J, Neal B, Ntsekhe M, Moraes de Oliveira G, Otto C, Owolabi M, Pratt M, Rajagopalan S, Reitsma M, Ribeiro ALP, Rigotti N, Rodgers A, Sable C, Shakil S, Sliwa-Hahnle K, Stark B, Sundström J, Timpel P, Tleyjeh IM, Valgimigli M, Vos T, Whelton PK, Yacoub M, Zuhlke L, Murray C, Fuster V; GBD-NHLBI-JACC Global Burden of Cardiovascular Diseases Writing Group.

J Am Coll Cardiol. 2020 Dec 22;76(25):2982-3021. doi: 10.1016/j.jacc.2020.11.010.

PMID: 33309175 **Free PMC article.** Review.

[Percutaneous Coronary Intervention for ST-elevation Myocardial Infarction Before and During COVID in New York.](#)

Hannan EL, Wu Y, Cozzens K, Friedrich M, Tamis-Holland J, **Jacobs AK**, Ling FSK, King SB 3rd, Venditti FJ, Walford G, Berger PB, Kirtane AJ, Kamran M.

Am J Cardiol. 2020 Dec 7:S0002-9149(20)31295-9. doi: 10.1016/j.amjcard.2020.11.033.

Online ahead of print.

PMID: 33301770 **Free PMC article.**

[The risk of cardiac events in patients receiving immune checkpoint inhibitors: a nationwide Danish study.](#)

D'Souza M, Nielsen D, Svane IM, Iversen K, Rasmussen PV, Madelaire C, Fosbøl E, Køber L, Gustafsson F, **Andersson C**, Gislason G, Torp-Pedersen C, Schou M.

Eur Heart J. 2020 Dec 9:ehaa884. doi: 10.1093/eurheartj/ehaa884. Online ahead of print.

PMID: 33291147

[Prevalence and incidence of various cancer subtypes in patients with heart failure vs matched controls.](#)

Schwartz B, Schou M, Gislason GH, Køber L, Torp-Pedersen C, **Andersson C**.

Int J Cardiol. 2020 Nov 2:S0167-5273(20)34065-1. doi: 10.1016/j.ijcard.2020.10.072. Online ahead of print.

PMID: 33144119 No abstract available.

[2020 ACC/AHA/SVM/ACP Advanced Training Statement on Vascular Medicine \(Revision of the 2004 ACC/ACP/SCAI/SVMB/SVS Clinical Competence Statement on Vascular Medicine and Catheter-Based Peripheral Vascular Interventions\): A Report of the ACC Competency Management Committee.](#)

Writing Committee Members, Creager MA, **Hamburg NM**, Calligaro KD, Casanegra AI, Freeman R, Gordon PA, Gornik HL, Kim ESH, Leeper NJ, Merli GJ, Niazi K, Olin JW, Quiroz R, Rrapo Kaso E, Wasan S, Waxler AR, White CJ, White Solaru K, Williams MS.

J Am Coll Cardiol. 2020 Nov 26:S0735-1097(20)37310-1. doi: 10.1016/j.jacc.2020.09.579. Online ahead of print.

[Association of Electronic Cigarette Use With Incident Respiratory Conditions Among US Adults From 2013 to 2018.](#)

Xie W, Kathuria H, Galiatsatos P, Blaha MJ, **Hamburg NM**, Robertson RM, Bhatnagar A, **Benjamin EJ**, Stokes AC.

JAMA Netw Open. 2020 Nov 2;3(11):e2020816. doi: 10.1001/jamanetworkopen.2020.20816.

PMID: 33180127 **Free PMC article.**

[Associations Between Alcohol Intake and Genetic Predisposition with Atrial Fibrillation Risk in a National Biobank.](#)

Halford JL, Weng LC, Choi SH, Jurgens SJ, Morrill VN, Khurshid S, Trinquart L, **Benjamin EJ**, Ellinor PT, Lubitz SA.

Circ Genom Precis Med. 2020 Nov 6. doi: 10.1161/CIRCGEN.120.003111. Online ahead of print.

PMID: 33156697

[Association of Circulating Monocyte Chemoattractant Protein-1 Levels With Cardiovascular Mortality: A Meta-analysis of Population-Based Studies.](#)

Georgakis MK, de Lemos JA, Ayers C, Wang B, Björkbacka H, Pana TA, Thorand B, Sun C, Fani L, Malik R, Dupuis J, Engström G, Orho-Melander M, Melander O, Boekholdt SM, Zierer A, Elhadad MA, Koenig W, Herder C, Hoogeveen RC, Kavousi M, Ballantyne CM, Peters A, Myint PK, Nilsson J, **Benjamin EJ**, Dichgans M.

JAMA Cardiol. 2020 Nov 4. doi: 10.1001/jamacardio.2020.5392. Online ahead of print.

PMID: 33146689

[In Search of the Holy Grail: Evidence of Amyloid Fibril Regression in ATTR Cardiac Amyloidosis.](#)

**Ruberg FL, Siddiqi OK.**

JACC Cardiovasc Imaging. 2020 Oct 28:S1936-878X(20)30802-0. doi: 10.1016/j.jcmg.2020.08.021. Online ahead of print.

PMID: 33129738 No abstract available.

[Myeloid Krüppel-like factor 2 is a critical regulator of metabolic inflammation.](#)

Sweet DR, Vasudevan NT, Fan L, Booth CE, Keerthy KS, Liao X, Vinayachandran V, Takami Y, **Tugal D**, Sharma N, Chan ER, Zhang L, Qing Y, Gerson SL, Fu C, Wynshaw-Boris A, Sangwung P, Nayak L, Holvoet P, Matoba K, Lu Y, Zhou G, Jain MK.

Nat Commun. 2020 Nov 18;11(1):5872. doi: 10.1038/s41467-020-19760-3.

PMID: 33208733 **Free PMC article.**

[Cardiovascular comorbidities as predictors for severe COVID-19 infection or death.](#)

Phelps M, Christensen DM, Gerds T, Fosbøl E, Torp-Pedersen C, Schou M, Køber L, Kragholm K, **Andersson C**, Biering-Sørensen T, Christensen HC, Andersen MP, Gislason G.

Eur Heart J Qual Care Clin Outcomes. 2020 Oct 27;qcaa081. doi: 10.1093/ehjqcco/qcaa081. Online ahead of print.

PMID: 33107909

[Hepatic fibrosis associates with multiple cardiometabolic disease risk factors: The Framingham Heart Study.](#)

Long MT, Zhang X, Xu H, Liu CT, Corey KE, Chung RT, Loomba R, **Benjamin EJ**.

Hepatology. 2020 Oct 30. doi: 10.1002/hep.31608. Online ahead of print.

PMID: 33125745

[The importance of SPECT cardiac reconstruction for accurate <sup>99m</sup>Tc-pyrophosphate interpretation in TTR amyloidosis.](#)

Poterucha TJ, Elias P, **Ruberg FL**, DeLuca A, Kinkhabwala M, Johnson LL, Maurer MS, Einstein AJ.

J Nucl Cardiol. 2020 Oct 28. doi: 10.1007/s12350-020-02409-5. Online ahead of print.

PMID: 33118142 No abstract available.

[Association of Coming Out as Lesbian, Gay, and Bisexual+ and Risk of Cigarette Smoking in a Nationally Representative Sample of Youth and Young Adults.](#)

Harlow AF, Lundberg D, Raifman JR, Tan ASL, Streed CG Jr, **Benjamin EJ**, Stokes AC.

JAMA Pediatr. 2020 Oct 26. doi: 10.1001/jamapediatrics.2020.3565. Online ahead of print.

PMID: 33104174

[Burden of non-communicable diseases from infectious causes in 2017: a modelling study.](#)

Coates MM, Kintu A, Gupta N, Wroe EB, Adler AJ, **Kwan GF**, Park PH, Rajbhandari R, Byrne AL, Casey DC, Bukhman G.

Lancet Glob Health. 2020 Oct 21:S2214-109X(20)30358-2. doi: 10.1016/S2214-109X(20)30358-2. Online ahead of print.

PMID: 33098769

[The Association of Aging Biomarkers, Interstitial Lung Abnormalities, and Mortality.](#)

Sanders JL, Putman RK, Dupuis J, Xu H, Murabito JM, Araki T, Nishino M, **Benjamin EJ**, Levy DL, Ramachandran VS, Washko GR, Curtis JL, Freeman CM, Bowler RP, Hatabu H, O'Connor GT, Hunninghake GM.

Am J Respir Crit Care Med. 2020 Oct 20. doi: 10.1164/rccm.202007-2993OC. Online ahead of print.

PMID: 33080140

[Redox-Resistant SERCA Attenuates Oxidant-Stimulated Mitochondrial Calcium and Apoptosis in Cardiac Myocytes and Pressure Overload-Induced Myocardial Failure in Mice.](#)

Goodman JB, Qin F, Morgan R, Chambers JM, Croteau D, Siwik DA, Hobai I, **Panagia M, Luptak I, Bachschmid M, Tong XY, Pimentel DR, Cohen RA, Colucci WS.**

Circulation. 2020 Oct 20. doi: 10.1161/CIRCULATIONAHA.120.048183. Online ahead of print.

PMID: 33076678

[Does distance from a clinic and poverty impact visit adherence for noncommunicable diseases? A retrospective cohort study using electronic medical records in rural Haiti.](#)

Yan LD, Pierre-Louis D, Isaac BD, Jean-Baptiste W, Vertilus S, Fenelon D, Hirschhorn LR, Hibberd PL, Benjamin EJ, Bukhman G, **Kwan GF**.

BMC Public Health. 2020 Oct 14;20(1):1545. doi: 10.1186/s12889-020-09652-y.

PMID: 33054756

[Diversity 4.0 in the cardiovascular health-care workforce.](#)

Schnabel RB, **Benjamin EJ**.

Nat Rev Cardiol. 2020 Oct 13. doi: 10.1038/s41569-020-00462-8. Online ahead of print.

PMID: 33051612 No abstract available.

[E-Cigarette Use and Subclinical Cardiac Effects.](#)

Rader F, Rashid M, Nguyen T, Luong E, Kim A, Kim EH, Elashoff RM, Davoren K, Moy NB, Nafeh F, Bairey-Merz CN, Ebinger J, **Hamburg NM**, Lindner JR, Cheng S.

Circ Res. 2020 Oct 12. doi: 10.1161/CIRCRESAHA.120.316683. Online ahead of print.

PMID: 33043813 No abstract available.

[Availability of equipment and medications for non-communicable diseases and injuries at public first-referral level hospitals: a cross-sectional analysis of service provision assessments in eight low-income countries.](#)

Gupta N, Coates MM, Bekele A, Dupuy R, Fénelon DL, Gage AD, Getachew T, Karmacharya BM, Kwan GF, Lulebo AM, Masiye JK, Mayige MT, Ndour Mbaye M, Mridha MK, Park PH, Dagnaw WW, Wroe EB, **Bukhman G**.

BMJ Open. 2020 Oct 10;10(10):e038842. doi: 10.1136/bmjopen-2020-038842.

PMID: 33040014 **Free PMC article.**



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Ajayi TB, Remein CD, Stafford RS, Fagerlin A, Chung MK, Childs E, **Benjamin EJ.**

Circ Arrhythm Electrophysiol. 2020 Oct 8. doi: 10.1161/CIRCEP.120.008552. Online ahead of print.

PMID: 33031707

[Differential Effects of Sacubitril/Valsartan on Diastolic Function in Mice With Obesity-Related Metabolic Heart Disease.](#)

Croteau D, Qin F, Chambers JM, Kallick E, **Luptak I, Panagia M, Pimentel DR, Siwik DA, Colucci WS.**

JACC Basic Transl Sci. 2020 Sep 9;5(9):916-927. doi: 10.1016/j.jacbts.2020.07.006. eCollection 2020 Sep.

PMID: 33015414 **Free PMC article.**