

Publications from Department of Pharmacology

List of publications (2014 – 2017):

1. Yusuf S, Attaran A, Bosch J, Joseph P, Lonn E, Xavier D et al. Combination pharmacotherapy to prevent cardiovascular disease: present status and challenges. Eur Heart J. 2014 Feb; 35(6):353-64. PMID: 24288261.
2. Kunnoor NS, Devi P, Kamath DY, Anthony N, George J. Age- and gender-related differences in drug utilisation and adverse drug reaction patterns among patients in a coronary care unit. Singapore Med J. 2014 Apr; 55(4):221-8. PMID: 24763839.
3. Goto S, Zhu J, Liu L, Oh BH, Wojdyla DM, Xavier D ARISTOTLE Investigators et al. Efficacy and Safety of Apixaban Compared with Warfarin for Stroke Prevention in Patients with Atrial Fibrillation from East Asia: A Sub-analysis of the Apixaban for Reduction in Stroke and Other Thromboembolic Events in Atrial Fibrillation (ARISTOTLE) Trial. Am Heart J, 2014; 168:303-9. PMID: 25173541.
4. Devereaux PJ Sessler DI, Sigamani A, Rao M, Biccard BM, Chow C et al. Rationale and design of the Peri Operative ISchemic Evaluation-2 (POISE-2) trial: An international 2×2 factorial randomized controlled trial of acetyl-salicylic acid vs placebo and clonidine vs placebo in patients undergoing non-cardiac surgery. Am Heart J. 2014 Jun 30; 167(6):804-9. PMID: 24890528.
5. Kamath DY, Xavier D, Gupta R, Devereaux PJ, Sigamani A, Hussain T et al.. Rationale and design of a randomized controlled trial evaluating community health worker based interventions for the secondary prevention of acute coronary syndromes in India (SPREAD). Am Heart J 2014 Nov 30; 168(5): 690-7. PMC4254408.
6. Checkley W, Ghannem H, Irazola V, Kimaiko S, Sigamani A, Xavier D et al. Management of NCD in low- and middle-income countries. Glob Heart. 2014 Dec; 9 (4):431-43. PMID: 25592798.
7. Granger CB, Lopes RD, Hanna M, Ansell J, Hylek EM, Xavier D et al. Clinical events after transitioning from apixaban versus warfarin to warfarin at the end of the Apixaban for Reduction in Stroke and Other Thromboembolic Events in Atrial Fibrillation (ARISTOTLE) trial. Am Heart J. 2015 Jan; 169 (1):25-30. PMID: 25497244.
8. Rao M, Xavier D, Devi P, Sigamani A, Faruqui A, Gupta R et al. Prevalence, treatments and outcomes of coronary artery disease in Indians: a systematic review. Indian heart journal. 2015 Aug 31; 67(4):302-10. PMC4561784.

9. Xavier D, Gupta R, Kamath DY, Sigamani A, Devereaux PJ, George N, et al. Community health worker-based intervention for adherence to drugs and lifestyle change after acute coronary syndrome: a multicentre, open, randomized controlled trial. *The Lancet Diabetes & Endocrinol.* 2016 Mar 31; 4(3):244-53. PMID: 26857999.
10. Bloomfield GS, Xavier D, Belis D, Alam D, Davis ,Kamath DY et al. Training and Capacity Building in LMIC for Research in Heart and Lung Diseases The NHLBI-UnitedHealth Global Health Centers of Excellence Program, Global Heart. 2016 March; 11(1):17-25. PMC4876661.
11. Carrillo-Larco RM, Miranda JJ, Li X, Cui C, Xu X, Xavier D et al. Prevalence of Pragmatically Defined High CV Risk and its Correlates in LMIC: A Report From 10 LMIC Areas in Africa, Asia, and South America. *Glob Heart.* 2016 Mar; 11(1):27-36. PMID: 27102020.
12. Gaziano TA, Abrahams-Gessel S, Alam S, Alam D, Ali M, Xavier D et al. Comparison of Non-blood-Based and Blood-Based Total CV Risk Scores in Global Populations. *Glob Heart.* 2016 Mar; 11(1):37-46 PMID: 27102021.
13. Irazola VE, Gutierrez L, Bloomfield G, Carrillo-Larco RM, Dorairaj P, Xavier D et al. Hypertension Prevalence, Awareness, Treatment, and Control in Selected LMIC Communities: Results From the NHLBI/UHG Network of Centres of Excellence for Chronic Diseases. *Glob Heart.* 2016 Mar; 11(1):47-59.PMID: 27102022.
14. Yusuf S, Bosch J, Dagenais G, Zhu J, Xavier D, Liu L et al. HOPE-3 Investigators. Cholesterol Lowering in Intermediate-Risk Persons without Cardiovascular Disease. *N Engl J Med.* 2016 May 26; 374 (21):2021-31. PMID: 27040132.
15. Yusuf S, Lonn E, Pais P, Bosch J, López-Jaramillo P, Xavier D, HOPE-3 Investigators et al. Blood-Pressure and Cholesterol Lowering in Persons without Cardiovascular Disease. *N Engl J Med.* 2016 May 26; 374 (21):2032-43. PMID: 27039945.
16. Lonn EM, Bosch J, López-Jaramillo P, Zhu J, Liu L, Xavier D, HOPE-3 Investigators et al. Blood-Pressure Lowering in Intermediate-Risk Persons without Cardiovascular Disease. *N Engl J Med.* 2016 May 26; 374(21):2009-20.PMID:27041480.
17. O'Donnell MJ, Chin SL, Rangarajan S, Xavier D, Liu L, Zhang H et al. Global and regional effects of potentially modifiable risk factors associated with acute stroke in 32 countries (INTERSTROKE): a case-control study. *The Lancet.* 2016 Aug 26; 388 (10046):761-75. PMID: 27431356
18. GBD 2015 DALYs and HALE Collaborators. Global, regional, and national disability-adjusted life-years (DALYs) for 315 diseases and injuries and healthy life expectancy (HALE), 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. *Lancet.* 2016 Oct 8; 388(10053):1603-58.PMID: 27733283.

19. Vos T, Allen C, Arora M, Barber RM, Bhutta ZA, Xavier D et al. GBD 2015 Disease and Injury Incidence and Prevalence Collaborators. Global, regional, and national incidence, prevalence, and years lived with disability for 310 diseases and injuries, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet. 2016 Oct 8; 388 (10053):1545-1602.PMID: 27733282.
20. Forouzanfar MH, Afshin A, Alexander LT, Anderson HR, Bhutta ZA, Xavier D et al. GBD 2015 Risk Factors Collaborators. Global, regional, and national comparative risk assessment of 79 behavioural, environmental and occupational, and metabolic risks or clusters of risks, 1990-2015: a systematic analysis for the Global Burden of Disease Study 2015. Lancet. 2016 Oct 8; 388 (10053):1659-1724. PMID: 27733284
21. Sharma KK, Gupta R, Mathur M, Natani V, Lodha S, Xavier D et al. Non-physician health workers for improving adherence to medications and healthy lifestyle following acute coronary syndrome: 24-month follow-up study. Indian Heart J. 2016 Nov - Dec; 68 (6):832-40. PMID: 27931556.
22. Jose JV, Jose M, Devi P, Satish R. Pharmacoeconomic evaluation of diabetic nephropathic patients attending nephrology department in a tertiary care hospital. J Postgrad Medicine. 2017 Jan; 63(1): 24-8. PMC5394813
23. Huffman MD, Xavier D, Perel P. Uses of polypills for cardiovascular disease and evidence to date. Lancet. 2017 Mar 11; 389 (10073):1055- 65.PMID: 28290995.
24. Murphy A, Banerjee A, Breithardt G, Camm AJ, Commerford P, Xavier D et al. The World Heart Federation Roadmap for Non-valvular Atrial Fibrillation. Glob Heart. 2017 Mar 20.S2211-8160(17)30015-7.PMID: 28336387.
25. Writing Committee for the VISION Study Investigators, Devereaux PJ, Biccard BM, Sigamani A, Xavier D, Faruqui A et al. Association of Postoperative High-Sensitivity Troponin Levels With Myocardial Injury and 30-Day Mortality Among Patients Undergoing Non-cardiac Surgery. JAMA. 2017 Apr 25; 317 (16):1642-51.PMID: 28444280.
26. Lakshminarayanan S, Kar SS, Gupta R, Xavier D, Bhaskar Reddy SV. Primary Healthcare-based Diabetes Registry in Puducherry: Design and Methods. Indian J Endocrinol Metab. 2017 May-Jun; 21(3):373-7. PMID: 28553589.
27. Gerstein HC, Colhoun HM, Dagenais GR, Diaz R, Lakshmanan M, Xavier D REWIND Trial Investigators et al. Design and baseline characteristics of participants in the Researching cardiovascular Events with a Weekly INcretin in Diabetes (REWIND) trial on the cardiovascular effects of dulaglutide. Diabetes Obes Metab. 2017 Jun 1. PMID: 28573765.
28. GBD 2015 Healthcare Access and Quality Collaborators. Wolfe CDA, Won S, Workicho A, Workie SB, Wubshet M, Xavier D, Xu G Healthcare Access and Quality Index based on mortality from causes amenable to personal health care in 195 countries and territories,

1990-2015: a novel analysis from the Global Burden of Disease Study 2015. Lancet. 2017 Jul 15; 390 (10091):231-66.PMID: 28528753.

29. Alonso-Coello P, Cook D, Xu SC, Sigamani A, Berwanger O, Xavier D, POISE Investigators et al. Predictors, Prognosis, and Management of New Clinically Important Atrial Fibrillation After Non-cardiac Surgery: A Prospective Cohort Study. Anesth Analg. 2017 Jul; 125(1):162-9.PMID: 28622175