

Multimorbidity publications September - December 2017

1. Gu J, Chao J, Chen W, et al. Multimorbidity and health-related quality of life among the community-dwelling elderly: A longitudinal study. *Arch Gerontol Geriatr.* 2018;74:133-140.
2. Tsiachristas A, van Ginneken E, Rijken M. Tackling the challenge of multi-morbidity: Actions for health policy and research. *Health Policy.* 2018;122(1):1-3.
3. van der Heide I, Snoeijs S, Quattrini S, et al. Patient-centeredness of integrated care programs for people with multimorbidity. Results from the European ICARE4EU project. *Health Policy.* 2018;122(1):36-43.
4. Rijken M, Hujala A, van Ginneken E, Melchiorre MG, Groenewegen P, Schellevis F. Managing multimorbidity: Profiles of integrated care approaches targeting people with multiple chronic conditions in Europe. *Health Policy.* 2018;122(1):44-52.
5. Struckmann V, Leijten FRM, van Ginneken E, et al. Relevant models and elements of integrated care for multi-morbidity: Results of a scoping review. *Health Policy.* 2018;122(1):23-35.
6. Palmer K, Marengoni A, Forjaz MJ, et al. Multimorbidity care model: Recommendations from the consensus meeting of the Joint Action on Chronic Diseases and Promoting Healthy Ageing across the Life Cycle (JA-CHRODIS). *Health Policy.* 2018;122(1):4-11.
7. Sasseville M, Chouinard MC, Fortin M. Patient-reported outcomes in multimorbidity intervention research: A scoping review. *Int J Nurs Stud.* 2018;77:145-153.
8. Northwood M, Ploeg J, Markle-Reid M, Sherifali D. Integrative review of the social determinants of health in older adults with multimorbidity. *J Adv Nurs.* 2018;74(1):45-60.
9. Stubbs B, Vancampfort D, Veronese N, et al. Multimorbidity and perceived stress: a population-based cross-sectional study among older adults across six low- and middle-income countries. *Maturitas.* 2018;107:84-91.
10. Bhalla IP, Rosenheck RA. A Change in Perspective: From Dual Diagnosis to Multimorbidity. *Psychiatr Serv.* 2018;69(1):112-116.
11. Comisso E, McGilton KS, Ayala AP, et al. Identifying and understanding the health and social care needs of older adults with multiple chronic conditions and their caregivers: a protocol for a scoping review. *BMJ Open.* 2017;7(12):e018247.
12. Kristensen MAT, Holge-Hazelton B, Waldorff FB, Guassora AD. How general practitioners perceive and assess self-care in patients with multiple chronic conditions: a qualitative study. *BMC Fam Pract.* 2017;18(1):109.
13. Teh RO, Menzies OH, Connolly MJ, et al. Patterns of multi-morbidity and prediction of hospitalisation and all-cause mortality in advanced age. *Age Ageing.* 2017.
14. Gonzalez-Chica DA, Hill CL, Gill TK, Hay P, Haag D, Stocks N. Individual diseases or clustering of health conditions? Association between multiple chronic diseases and health-related quality of life in adults. *Health Qual Life Outcomes.* 2017;15(1):244.
15. Drye EE, Altaf FK, Lipska KJ, et al. Defining Multiple Chronic Conditions for Quality Measurement. *Med Care.* 2017.
16. Knowles S, Hays R, Senra H, et al. Empowering people to help speak up about safety in primary care: Using codesign to involve patients and professionals in developing new interventions for patients with multimorbidity. *Health Expect.* 2017.
17. N'Goran AA, Deruaz-Luyet A, Haller DM, et al. Comparing the self-perceived quality of life of multimorbid patients and the general population using the EQ-5D-3L. *PLoS One.* 2017;12(12):e0188499.

18. Petersen I, Rathod S, Kathree T, Selohilwe O, Bhana A. Risk correlates for physical-mental multimorbidities in South Africa: a cross-sectional study. *Epidemiol Psychiatr Sci*. 2017;1-9.
19. Kim S, Bennett K, Wallace E, Fahey T, Cahir C. Measuring medication adherence in older community-dwelling patients with multimorbidity. *Eur J Clin Pharmacol*. 2017.
20. Christensen LD, Petersen J, Andersen O, Kaae S. Physicians' Non-Uniform Approach to Prescribing Drugs to Older Patients - A Qualitative Study. *Basic Clin Pharmacol Toxicol*. 2017;121(6):505-511.
21. Gorup EC, Ster MP. Number of medications or number of diseases: what influences underprescribing? *Eur J Clin Pharmacol*. 2017;73(12):1673-1679.
22. Narayan SW, Nishtala PS. Development and validation of a Medicines Comorbidity Index for older people. *Eur J Clin Pharmacol*. 2017;73(12):1665-1672.
23. Storms H, Marquet K, Aertgeerts B, Claes N. Prevalence of inappropriate medication use in residential long-term care facilities for the elderly: A systematic review. *Eur J Gen Pract*. 2017;23(1):69-77.
24. Olaya B, Domenech-Abella J, Moneta MV, et al. All-cause mortality and multimorbidity in older adults: The role of social support and loneliness. *Exp Gerontol*. 2017;99:120-126.
25. Blokh D, Stambler I, Lubart E, Mizrahi EH. The application of information theory for the estimation of old-age multimorbidity. *Geroscience*. 2017;39(5-6):551-556.
26. Ho JW, Kuluski K, Im J. "It's a fight to get anything you need" - Accessing care in the community from the perspectives of people with multimorbidity. *Health Expect*. 2017;20(6):1311-1319.
27. Fryer AK, Friedberg MW, Thompson RW, Singer SJ. patient perceptions of integrated care and their relationship to utilization of emergency, inpatient and outpatient services. *Healthc (Amst)*. 2017;5(4):183-193.
28. Kalgotra P, Sharda R, Croff JM. Examining health disparities by gender: A multimorbidity network analysis of electronic medical record. *Int J Med Inform*. 2017;108:22-28.
29. Corazza GR, Klersy C, Formagnana P, Lenti MV, Padula D, Consensus P. A consensus for the development of a vector model to assess clinical complexity. *Intern Emerg Med*. 2017;12(8):1313-1318.
30. McAvay G, Allore HG, Cohen AB, Gnjdjic D, Murphy TE, Tinetti ME. Guideline-Recommended Medications and Physical Function in Older Adults with Multiple Chronic Conditions. *J Am Geriatr Soc*. 2017;65(12):2619-2626.
31. Stanley J, Sarfati D. The new measuring multimorbidity index predicted mortality better than Charlson and Elixhauser indices among the general population. *J Clin Epidemiol*. 2017;92:99-110.
32. Jones J, Jones GD, Thacker M, Faithfull S. Physical activity interventions are delivered consistently across hospitalized older adults but multimorbidity is associated with poorer rehabilitation outcomes: A population-based cohort study. *J Eval Clin Pract*. 2017;23(6):1469-1477.
33. Heisler M. Eliciting Personal Values of Patients with Multiple Chronic Conditions: Why and How. *J Gen Intern Med*. 2017;32(12):1273-1274.
34. Lim CY, Berry ABL, Hirsch T, et al. Understanding What Is Most Important to Individuals with Multiple Chronic Conditions: A Qualitative Study of Patients' Perspectives. *J Gen Intern Med*. 2017;32(12):1278-1284.

35. O'Malley AS, Sarwar R, Keith R, Balke P, Ma S, McCall N. Provider Experiences with Chronic Care Management (CCM) Services and Fees: A Qualitative Research Study. *J Gen Intern Med.* 2017;32(12):1294-1300.
36. Wang L, Cocker F, Kilpatrick M, et al. The Associations of Multimorbidity With Health-Related Productivity Loss in a Large and Diverse Public Sector Setting: A Cross-Sectional Survey. *J Occup Environ Med.* 2017.
37. Keats MR, Cui Y, DeClercq V, et al. Multimorbidity in Atlantic Canada and association with low levels of physical activity. *Prev Med.* 2017;105:326-331.
38. Adams ML, Grandpre J, Katz DL, Shenson D. Linear association between number of modifiable risk factors and multiple chronic conditions: Results from the Behavioral Risk Factor Surveillance System. *Prev Med.* 2017;105:169-175.
39. Battegay EJ, Cheetham M. Choosing Wisely - An international and multimorbid perspective. *Z Evid Fortbild Qual Gesundheitswes.* 2017;129:27-30.
40. Vermunt NP, Harmsen M, Elwyn G, et al. A three-goal model for patients with multimorbidity: A qualitative approach. *Health Expect.* 2017.
41. Roche S, De Vries E. Multimorbidity in a large district hospital: A descriptive cross-sectional study. *S Afr Med J.* 2017;107(12):1110-1115.
42. Hays R, Daker-White G, Esmail A, et al. Threats to patient safety in primary care reported by older people with multimorbidity: baseline findings from a longitudinal qualitative study and implications for intervention. *BMC Health Serv Res.* 2017;17(1):754.
43. Schiotz ML, Host D, Christensen MB, et al. Quality of care for people with multimorbidity - a case series. *BMC Health Serv Res.* 2017;17(1):745.
44. Gimeno-Feliu LA, Calderon-Larranaga A, Diaz E, et al. Multimorbidity and immigrant status: associations with area of origin and length of residence in host country. *Fam Pract.* 2017;34(6):662-666.
45. Wen YC, Chen LK, Hsiao FY. Predicting mortality and hospitalization of older adults by the multimorbidity frailty index. *PLoS One.* 2017;12(11):e0187825.
46. Bujold M, Pluye P, Legare F, et al. Decisional needs assessment of patients with complex care needs in primary care: a participatory systematic mixed studies review protocol. *BMJ Open.* 2017;7(11):e016400.
47. MacLean RR, Sofuoglu M, Rosenheck R. Tobacco and alcohol use disorders: Evaluating multimorbidity. *Addict Behav.* 2017;78:59-66.
48. Le Reste JY, Nabbe P, Billot Grasset A, et al. Multimorbid outpatients: A high frequency of FP appointments and/or family difficulties, should alert FPs to the possibility of death or acute hospitalization occurring within six months; A primary care feasibility study. *PLoS One.* 2017;12(11):e0186931.
49. Yarnall AJ, Sayer AA, Clegg A, Rockwood K, Parker S, Hindle JV. New horizons in multimorbidity in older adults. *Age Ageing.* 2017;46(6):882-888.
50. Stokes J, Man MS, Guthrie B, Mercer SW, Salisbury C, Bower P. The Foundations Framework for Developing and Reporting New Models of Care for Multimorbidity. *Ann Fam Med.* 2017;15(6):570-577.
51. Chi WC, Wolff J, Greer R, Dy S. Multimorbidity and Decision-Making Preferences Among Older Adults. *Ann Fam Med.* 2017;15(6):546-551.
52. Ihle A, Inauen J, Scholz U, et al. Prospective and retrospective memory are differentially related to self-rated omission and commission errors in medication adherence in multimorbidity. *Appl Neuropsychol Adult.* 2017;24(6):505-511.

53. Loprinzi PD. Associations between bouted and non-bouted physical activity on multimorbidity. *Clin Physiol Funct Imaging*. 2017;37(6):782-784.
54. Rodriguez-Perez A, Alfaro-Lara ER, Albinana-Perez S, et al. Novel tool for deprescribing in chronic patients with multimorbidity: List of Evidence-Based Deprescribing for Chronic Patients criteria. *Geriatr Gerontol Int*. 2017;17(11):2200-2207.
55. Riano D, Ortega W. Computer technologies to integrate medical treatments to manage multimorbidity. *J Biomed Inform*. 2017;75:1-13.
56. Quirk SE, Stuart AL, Berk M, et al. Personality disorder is an excess risk factor for physical multimorbidity among women with mental state disorders. *Psychiatry Res*. 2017;257:546-549.
57. de Souto Barreto P. Exercise for Multimorbid Patients in Primary Care: One Prescription for All? *Sports Med*. 2017;47(11):2143-2153.
58. Ortiz PJ, Tello T, Aliaga EG, et al. Effect of multimorbidity on gait speed in well-functioning older people: A population-based study in Peru. *Geriatr Gerontol Int*. 2017.
59. Vancampfort D, Stubbs B, Koyanagi A. Physical chronic conditions, multimorbidity and sedentary behavior amongst middle-aged and older adults in six low- and middle-income countries. *Int J Behav Nutr Phys Act*. 2017;14(1):147.
60. Bachmann M, Kool J, Oesch P, Weber M, Bachmann S. Association of potentially inappropriate medications with outcomes of inpatient geriatric rehabilitation : A prospective cohort study. *Z Gerontol Geriatr*. 2017.
61. Pagonis R, Lee JL, Hurst S. Long-Term Acupuncture Therapy for Low-Income Older Adults with Multimorbidity: A Qualitative Study of Patient Perceptions. *J Altern Complement Med*. 2017.
62. Puth MT, Weckbecker K, Schmid M, Munster E. Prevalence of multimorbidity in Germany: impact of age and educational level in a cross-sectional study on 19,294 adults. *BMC Public Health*. 2017;17(1):826.
63. Martinez YV, Renom-Guiteras A, Reeves D, et al. A set of systematic reviews to help reduce inappropriate prescribing to older people: study protocol. *BMC Geriatr*. 2017;17(Suppl 1):231.
64. Vancampfort D, Koyanagi A, Ward PB, et al. Perceived Stress and Its Relationship With Chronic Medical Conditions and Multimorbidity Among 229,293 Community-Dwelling Adults in 44 Low- and Middle-Income Countries. *Am J Epidemiol*. 2017;186(8):979-989.
65. Read JR, Sharpe L, Modini M, Dear BF. Multimorbidity and depression: A systematic review and meta-analysis. *J Affect Disord*. 2017;221:36-46.
66. Masnoon N, Shakib S, Kalisch-Ellett L, Caughey GE. What is polypharmacy? A systematic review of definitions. *BMC Geriatr*. 2017;17(1):230.
67. Thavorn K, Maxwell CJ, Gruneir A, et al. Effect of socio-demographic factors on the association between multimorbidity and healthcare costs: a population-based, retrospective cohort study. *BMJ Open*. 2017;7(10):e017264.
68. Kangovi S, Mitra N, Grande D, Huo H, Smith RA, Long JA. Community Health Worker Support for Disadvantaged Patients With Multiple Chronic Diseases: A Randomized Clinical Trial. *Am J Public Health*. 2017;107(10):1660-1667.
69. Quah JHM, Wang P, Ng RRG, Luo N, Tan NC. Health-related quality of life of older Asian patients with multimorbidity in primary care in a developed nation. *Geriatr Gerontol Int*. 2017;17(10):1429-1437.
70. Schoenborn NL, Cayea D, McNabney M, Ray A, Boyd C. Prognosis communication with older patients with multimorbidity: Assessment after an educational intervention. *Gerontol Geriatr Educ*. 2017;38(4):471-481.

71. Gellert P, von Berenberg P, Zahn T, Neuwirth J, Kuhlmeier A, Dräger D. Multimorbidity Profiles in German Centenarians: A Latent Class Analysis of Health Insurance Data. *J Aging Health*. 2017;898264317737894.
72. Portz JD, Kutner JS, Blatchford PJ, Ritchie CS. High Symptom Burden and Low Functional Status in the Setting of Multimorbidity. *J Am Geriatr Soc*. 2017;65(10):2285-2289.
73. Abizanda P, Rodriguez-Manas L. Function But Not Multimorbidity at The Cornerstone of Geriatric Medicine. *J Am Geriatr Soc*. 2017;65(10):2333-2334.
74. Rizzuto D, Melis RJF, Marengoni A. Reply to: Function but not Multimorbidity at the Cornerstone of Geriatric Medicine. *J Am Geriatr Soc*. 2017;65(10):2334-2335.
75. Calderon-Larranaga A, Vetrano DL, Onder G, et al. Assessing and Measuring Chronic Multimorbidity in the Older Population: A Proposal for Its Operationalization. *J Gerontol A Biol Sci Med Sci*. 2017;72(10):1417-1423.
76. Ehman KM, Deyo-Svendsen M, Merten Z, Kramlinger AM, Garrison GM. How Preferences for Continuity and Access Differ Between Multimorbidity and Healthy Patients in a Team Care Setting. *J Prim Care Community Health*. 2017;8(4):319-323.
77. Inauen J, Bierbauer W, Luscher J, et al. Assessing adherence to multiple medications and in daily life among patients with multimorbidity. *Psychol Health*. 2017;32(10):1233-1248.
78. Bernabeu-Wittel M, Baron-Franco B, Nieto-Martin D, Moreno-Gavino L, Ramirez-Duque N, Ollero-Baturone M. Prognostic stratification and healthcare approach in patients with multiple pathologies. *Rev Clin Esp*. 2017;217(7):410-419.
79. Eton DT, Ridgeway JL, Linzer M, et al. Healthcare provider relational quality is associated with better self-management and less treatment burden in people with multiple chronic conditions. *Patient Prefer Adherence*. 2017;11:1635-1646.
80. Kang J, Song YM. The association between submarine service and multimorbidity: a cross-sectional study of Korean naval personnel. *BMJ Open*. 2017;7(9):e017776.
81. Backman R, Weber P, Turner AM, Lee M, Litchfield I. Assessing the extent of drug interactions among patients with multimorbidity in primary and secondary care in the West Midlands (UK): a study protocol for the Mixed Methods Multimorbidity Study (MiMMS). *BMJ Open*. 2017;7(9):e016713.
82. Polenick CA, Leggett AN, Webster NJ, Han BH, Zarit SH, Piette JD. Multiple Chronic Conditions in Spousal Caregivers of Older Adults With Functional Disability: Associations With Caregiving Difficulties and Gains. *J Gerontol B Psychol Sci Soc Sci*. 2017.
83. Vetrano DL, Calderon-Larranaga A, Marengoni A, et al. An international perspective on chronic multimorbidity: approaching the elephant in the room. *J Gerontol A Biol Sci Med Sci*. 2017.
84. Pati S, Swain S, Metsemakers J, Knottnerus JA, van den Akker M. Pattern and severity of multimorbidity among patients attending primary care settings in Odisha, India. *PLoS One*. 2017;12(9):e0183966.
85. Adams ML. Differences Between Younger and Older US Adults With Multiple Chronic Conditions. *Prev Chronic Dis*. 2017;14:E76.
86. Pengpid S, Peltzer K. Multimorbidity in Chronic Conditions: Public Primary Care Patients in Four Greater Mekong Countries. *Int J Environ Res Public Health*. 2017;14(9).
87. Yorke AM, Curtis AB, Shoemaker M, Vangsnes E. The impact of multimorbidity on grip strength in adults age 50 and older: Data from the health and retirement survey (HRS). *Arch Gerontol Geriatr*. 2017;72:164-168.
88. Zamborlini V, da Silveira M, Pruski C, et al. Analyzing interactions on combining multiple clinical guidelines. *Artif Intell Med*. 2017;81:78-93.

89. Holvast F, van Hattem BA, Sinnige J, et al. Late-life depression and the association with multimorbidity and polypharmacy: a cross-sectional study. *Fam Pract.* 2017;34(5):539-545.
90. Bynum JPW, Chang CH, Austin A, Carmichael D, Meara E. Outcomes in Older Adults with Multimorbidity Associated with Predominant Provider of Care Specialty. *J Am Geriatr Soc.* 2017;65(9):1916-1923.
91. Bastian LA, Brandt CA, Justice AC. Measuring Multimorbidity: A Risky Business. *J Gen Intern Med.* 2017;32(9):959-960.
92. Stubbs B, Vancampfort D, Veronese N, et al. Depression and physical health multimorbidity: primary data and country-wide meta-analysis of population data from 190 593 people across 43 low- and middle-income countries. *Psychol Med.* 2017;47(12):2107-2117.
93. Alhussain K, Meraya AM, Sambamoorthi U. Serious Psychological Distress and Emergency Room Use among Adults with Multimorbidity in the United States. *Psychiatry J.* 2017;2017:8565186.
94. Fortin M, Almirall J, Nicholson K. Development of a research tool to document self-reported chronic conditions in primary care. *J Comorb.* 2017;7(1):117-123.