

Multimorbidity publications February 2016 – June 2016

1. Lavan AH, Gallagher PF, O'Mahony D. Methods to reduce prescribing errors in elderly patients with multimorbidity. *Clinical interventions in aging*. 2016;11:857-66.
2. Lanzeta I, Mar J, Arrospide A. Cost-utility analysis of an integrated care model for multimorbid patients based on a clinical trial. *Gac Sanit*. 2016.
3. Galenkamp H, Gagliardi C, Principi A, et al. Predictors of social leisure activities in older Europeans with and without multimorbidity. *Eur J Ageing*. 2016;13:129-43.
4. Marcum JA. Multimorbidity, P4 medicine and holism. *J Eval Clin Pract*. 2016.
5. Jovic D, Marinkovic J, Vukovic D. Association between body mass index and prevalence of multimorbidity: a cross-sectional study. *Public Health*. 2016.
6. Mercer SW, Fitzpatrick B, Guthrie B, et al. The CARE Plus study - a whole-system intervention to improve quality of life of primary care patients with multimorbidity in areas of high socioeconomic deprivation: exploratory cluster randomised controlled trial and cost-utility analysis. *BMC Med*. 2016;14:88.
7. Lindvall A, Kristensson J, Willman A, Holst G. Informal Care Provided by Family Caregivers: Experiences of Older Adults With Multimorbidity. *J Gerontol Nurs* 24(12): 34-40. 2016;42:24-31.
8. Mokraoui NM, Haggerty J, Almirall J, Fortin M. Prevalence of self-reported multimorbidity in the general population and in primary care practices: a cross-sectional study. *BMC Res Notes*. 2016;9:314.
9. Whitson HE, Johnson KS, Sloane R, et al. Identifying Patterns of Multimorbidity in Older Americans: Application of Latent Class Analysis. *J Am Geriatr Soc*. 2016.
10. Aubert CE, Streit S, Da Costa BR, et al. Polypharmacy and specific comorbidities in university primary care settings. *Eur J Intern Med*. 2016.
11. Mangin D, Stephen G, Bismah V, Risdon C. Making patient values visible in healthcare: a systematic review of tools to assess patient treatment priorities and preferences in the context of multimorbidity. *BMJ Open*. 2016;6:e010903.
12. [No authors listed]. Frailty, polypharmacy and deprescribing. *Drug Ther Bull*. 2016;54:69-72.
13. Linnet K, Gudmundsson LS, Birgisdottir FG, et al. Multimorbidity and use of hypnotic and anxiolytic drugs: cross-sectional and follow-up study in primary healthcare in Iceland. *BMC Fam Pract*. 2016;17:69.
14. Scherer M, Hansen H, Gensichen J, et al. Association between multimorbidity patterns and chronic pain in elderly primary care patients: a cross-sectional observational study. *BMC Fam Pract*. 2016;17:68.
15. Jackson CA, Dobson AJ, Tooth LR, Mishra GD. Lifestyle and Socioeconomic Determinants of Multimorbidity Patterns among Mid-Aged Women: A Longitudinal Study. *PLoS One*. 2016;11:e0156804.
16. Le Reste JY, Nabbe P, Lazic D, et al. How do general practitioners recognize the definition of multimorbidity? A European qualitative study. *Eur J Gen Pract*. 2016:1-10.
17. Crowe M, Jordan J, Burrell B, et al. Clinical effectiveness of transdiagnostic health management interventions for older people with multimorbidity: a quantitative systematic review. *J Adv Nurs*. 2016.
18. Grudniewicz A, Nelson M, Kulski K, et al. Treatment goal setting for complex patients: protocol for a scoping review. *BMJ Open*. 2016;6:e011869.
19. Eckerblad J, Theander K, Ekdahl AW, Jaarsma T. Symptom trajectory and symptom burden in older people with multimorbidity, secondary outcome from the RCT AGe-FIT study. *J Adv Nurs*. 2016.
20. Vassilaki M, Aakre JA, Mielke MM, et al. Multimorbidity and neuroimaging biomarkers among cognitively normal persons. *Neurology*. 2016;86:2077-84.
21. Meranius MS, Josefsson K. Health and social care management for older adults with multimorbidity: a multiperspective approach. *Scand J Caring Sci*. 2016.
22. Picco L, Achilla E, Abidin E, et al. Economic burden of multimorbidity among older adults: impact on healthcare and societal costs. *BMC Health Serv Res*. 2016;16:173.

23. N'Goran AA, Blaser J, Deruaz-Luyet A, et al. From chronic conditions to relevance in multimorbidity: a four-step study in family medicine. *Fam Pract*. 2016; 33:439-44.
24. Mann C, Shaw A, Guthrie B, et al. Protocol for a process evaluation of a cluster randomised controlled trial to improve management of multimorbidity in general practice: the 3D study. *BMJ Open*. 2016; 6:e011260.
25. Fabbri E, An Y, Zoli M, et al. Association Between Accelerated Multimorbidity and Age-Related Cognitive Decline in Older Baltimore Longitudinal Study of Aging Participants without Dementia. *J Am Geriatr Soc*. 2016; 64:965-72.
26. Gruneir A, Bronskill SE, Maxwell CJ, et al. The association between multimorbidity and hospitalization is modified by individual demographics and physician continuity of care: a retrospective cohort study. *BMC Health Serv Res*. 2016; 16:154.
27. Hopman P, de Bruin SR, Forjaz MJ, et al. Effectiveness of comprehensive care programs for patients with multiple chronic conditions or frailty: A systematic literature review. *Health Policy*. 2016; 120:818-32.
28. Man MS, Chaplin K, Mann C, et al. Improving the management of multimorbidity in general practice: protocol of a cluster randomised controlled trial (The 3D Study). *BMJ Open*. 2016; 6:e011261.
29. van der Zee-Neuen A, Putrik P, Ramiro S, et al. Impact of chronic diseases and multimorbidity on health and healthcare costs: The additional role of musculoskeletal disorders. *Arthritis Care Res (Hoboken)*. 2016.
30. Marengoni A, Melis RJ, Prados Torres A, Onder G. Multimorbidity: Epidemiology and Models of Care. *Biomed Res Int*. 2016; 2016:7029027.
31. Volaklis KA, Halle M, Thorand B, et al. Handgrip strength is inversely and independently associated with multimorbidity among older women: Results from the KORA-Age study. *Eur J Intern Med*. 2016; 31:35-40.
32. Nunes BP, Camargo-Figuera FA, Guttier M, et al. Multimorbidity in adults from a southern Brazilian city: occurrence and patterns. *Int J Public Health*. 2016.
33. Wister AV, Coatta KL, Schuurman N, Lear SA, Rosin M, MacKey D. A Lifecourse Model of Multimorbidity Resilience: Theoretical and Research Developments. *Int J Aging Hum Dev*. 2016; 82:290-313.
34. Ramond-Roquin A, Haggerty J, Lambert M, Almirall J, Fortin M. Different Multimorbidity Measures Result in Varying Estimated Levels of Physical Quality of Life in Individuals with Multimorbidity: A Cross-Sectional Study in the General Population. *Biomed Res Int*. 2016; 2016:7845438.
35. Loprinzi PD, Addoh O, Joyner C. Multimorbidity, mortality, and physical activity. *Chronic Illn*. 2016.
36. Mercer SW, O'Brien R, Fitzpatrick B, et al. The development and optimisation of a primary care-based whole system complex intervention (CARE Plus) for patients with multimorbidity living in areas of high socioeconomic deprivation. *Chronic Illn*. 2016.
37. Mondor L, Maxwell CJ, Bronskill SE, Gruneir A, Wodchis WP. The relative impact of chronic conditions and multimorbidity on health-related quality of life in Ontario long-stay home care clients. *Qual Life Res*. 2016.
38. [No authors listed]. Multimorbidity draft rules published for consultation. *Nurs Stand*. 2016; 30:10.
39. Tyack Z, Frakes KA, Barnett A, Cornwell P, Kuys S, McPhail S. Predictors of health-related quality of life in people with a complex chronic disease including multimorbidity: a longitudinal cohort study. *Qual Life Res*. 2016.
40. Agur K, McLean G, Hunt K, Guthrie B, Mercer SW. How Does Sex Influence Multimorbidity? Secondary Analysis of a Large Nationally Representative Dataset. *Int J Environ Res Public Health*. 2016; 13:391.
41. Lowe D, Taylor M, Hill S. Changing definitions altered multimorbidity prevalence, but not burden associations, in a musculoskeletal population. *J Clin Epidemiol*. 2016.
42. Hewitt J, McCormack C, Tay HS, et al. Prevalence of multimorbidity and its association with outcomes in older emergency general surgical patients: an observational study. *BMJ Open*. 2016; 6:e010126.

43. Harrison C, Henderson J, Miller G, Britt H. The prevalence of complex multimorbidity in Australia. *Aust N Z J Public Health*. 2016;40:239-44.
44. Palladino R, Tayu Lee J, Ashworth M, Triassi M, Millett C. Associations between multimorbidity, healthcare utilisation and health status: evidence from 16 European countries. *Age Ageing*. 2016;45:431-5.
45. Buffel du Vaure C, Ravaud P, Baron G, Barnes C, Gilberg S, Boutron I. Potential workload in applying clinical practice guidelines for patients with chronic conditions and multimorbidity: a systematic analysis. *BMJ Open*. 2016;6:e010119.
46. Eckardt M, Brettschneider C, van den Bussche H, Konig HH, MultiCare Study G. Analysis of Health Care Costs in Elderly Patients with Multiple Chronic Conditions Using a Finite Mixture of Generalized Linear Models. *Health economics*. 2016.
47. Smith SM, Wallace E, O'Dowd T, Fortin M. Interventions for improving outcomes in patients with multimorbidity in primary care and community settings. *Cochrane Database Syst Rev* (2):CD003638. 2016;3:CD006560.
48. Quinones AR, Markwardt S, Botosaneanu A. Multimorbidity Combinations and Disability in Older Adults. *J Gerontol A Biol Sci Med Sci*. 2016;71:823-30.
49. Pati S, Hussain MA, Swain S, et al. Development and Validation of a Questionnaire to Assess Multimorbidity in Primary Care: An Indian Experience. *Biomed Res Int*. 2016;2016:6582487.
50. Thomeer MB. Multiple Chronic Conditions, Spouse's Depressive Symptoms, and Gender within Marriage. *J Health Soc Behav*. 2016;57:59-76.
51. Loprinzi PD. Light-Intensity Physical Activity and Medical Multimorbidity. *South Med J*. 2016;109:174-7.
52. Willadsen TG, Bebe A, Koster-Rasmussen R, et al. The role of diseases, risk factors and symptoms in the definition of multimorbidity - a systematic review. *Scand J Prim Health Care*. 2016;34:112-21.
53. Marengoni A, Angleman S, Meinow B, et al. Coexisting chronic conditions in the older population: Variation by health indicators. *Eur J Intern Med*. 2016;31:29-34.
54. Bobo WV, Yawn BP, St Sauver JL, Grossardt BR, Boyd CM, Rocca WA. Prevalence of Combined Somatic and Mental Health Multimorbidity: Patterns by Age, Sex, and Race/Ethnicity. *J Gerontol A Biol Sci Med Sci*. 2016.
55. Pruchno RA, Wilson-Genderson M, Heid AR. Multiple Chronic Condition Combinations and Depression in Community-Dwelling Older Adults. *J Gerontol A Biol Sci Med Sci*. 2016;71:910-5.
56. Skinner HG, Coffey R, Jones J, Heslin KC, Moy E. The effects of multiple chronic conditions on hospitalization costs and utilization for ambulatory care sensitive conditions in the United States: a nationally representative cross-sectional study. *BMC Health Serv Res*. 2016;16:77.
57. Ailabouni NJ, Nishtala PS, Mangin D, Tordoff JM. General practitioners' insight into deprescribing for the multimorbid older individual: a qualitative study. *Int J Clin Pract*. 2016;70:261-76.
58. Loprinzi PD. Associations between bouted and non-bouted physical activity on multimorbidity. *Clin Physiol Funct Imaging*. 2016.
59. Koroukian SM, Schiltz N, Warner DF, et al. Combinations of Chronic Conditions, Functional Limitations, and Geriatric Syndromes that Predict Health Outcomes. *J Gen Intern Med*. 2016;31:630-7.
60. Ekdahl AW, Odzakovic E, Hellstrom I. Living Unnoticed: Cognitive Impairment in Older People with Multimorbidity. *J Nutr Health Aging*. 2016;20:275-9.
61. Ahmadi B, Alimohammadian M, Yaseri M, et al. Multimorbidity: Epidemiology and Risk Factors in the Golestan Cohort Study, Iran: A Cross-Sectional Analysis. *Medicine (Baltimore)*. 2016;95:e2756.
62. 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*. 2016.

63. Pupek M, Pawlowicz R, Lindner K, et al. Occurrence of fibronectin-fibrin complexes in plasma of patients with multimorbidity due to the inflamm-aging phenomenon. *Exp Gerontol.* 2016;77:19-28.
64. Suls J, Green PA, Davidson KW. A Behavioral Framework to Address the Emerging Challenge of Multimorbidity. *Psychosom Med.* 2016;78:281-9.
65. Meschi T, Ticinesi A, Prati B, et al. A novel organizational model to face the challenge of multimorbid elderly patients in an internal medicine setting: a case study from Parma Hospital, Italy. *Intern Emerg Med.* 2016;11:667-76.
66. Loprinzi PD. Multimorbidity, cognitive function, and physical activity. *Age (Dordr).* 2016;38:8.
67. Goodman RA, Ling SM, Briss PA, Parrish RG, Salive ME, Finke BS. Multimorbidity Patterns in the United States: Implications for Research and Clinical Practice. *J Gerontol A Biol Sci Med Sci.* 2016;71:215-20.
68. Ubalde-Lopez M, Delclos GL, Benavides FG, Calvo-Bonacho E, Gimeno D. Measuring multimorbidity in a working population: the effect on incident sickness absence. *Int Arch Occup Environ Health.* 2016;89:667-78.
69. Boeckxstaens P, De Sutter A, Vaes B, Degryse JM. Should we keep on measuring multimorbidity? *J Clin Epidemiol.* 2016;71:113-4.
70. Held FP, Blyth F, Gnjjidic D, et al. Association Rules Analysis of Comorbidity and Multimorbidity: The Concord Health and Aging in Men Project. *J Gerontol A Biol Sci Med Sci.* 2016;71:625-31.
71. Ballardini N, Bergstrom A, Wahlgren CF, et al. IgE antibodies in relation to prevalence and multimorbidity of eczema, asthma, and rhinitis from birth to adolescence. *Allergy.* 2016;71:342-9.
72. White C, Lentin P, Farnworth L. Multimorbidity and the process of living with ongoing illness. *Chronic Illn.* 2016;12:83-97.
73. Gallo JJ, Hwang S, Joo JH, et al. Multimorbidity, Depression, and Mortality in Primary Care: Randomized Clinical Trial of an Evidence-Based Depression Care Management Program on Mortality Risk. *J Gen Intern Med.* 2016;31:380-6.
74. Zullig LL, Whitson HE, Hastings SN, et al. A Systematic Review of Conceptual Frameworks of Medical Complexity and New Model Development. *J Gen Intern Med.* 2016;31:329-37.
75. Garin N, Koyanagi A, Chatterji S, et al. Global Multimorbidity Patterns: A Cross-Sectional, Population-Based, Multi-Country Study. *J Gerontol A Biol Sci Med Sci.* 2016;71:205-14.
76. Hopman P, Schellevis FG, Rijken M. Health-related needs of people with multiple chronic diseases: differences and underlying factors. *Qual Life Res.* 2016;25:651-60.
77. Meranius MS, Hammar LM. How does the healthcare system affect medication self-management among older adults with multimorbidity? *Scand J Caring Sci.* 2016;30:91-8.
78. Mason B, Nanton V, Epiphaniou E, et al. 'My body's falling apart.' Understanding the experiences of patients with advanced multimorbidity to improve care: serial interviews with patients and carers. *BMJ Support Palliat Care.* 2016;6:60-5.
79. Finney Rutten LJ, Hesse BW, St Sauver JL, et al. Health Self-Efficacy Among Populations with Multiple Chronic Conditions: the Value of Patient-Centered Communication. *Adv Ther.* 2016;33:1440-51.
80. Yuen HK, Vogtle LK. Multi-morbidity, disability and adaptation strategies among community-dwelling adults aged 75 years and older. *Disabil Health J.* 2016.
81. Jovic D, Vukovic D, Marinkovic J. Prevalence and Patterns of Multi-Morbidity in Serbian Adults: A Cross-Sectional Study. *PLoS One.* 2016;11:e0148646.
82. Chin WY, Choi EP, Wan EY, Lam CL. Health-related quality of life mediates associations between multi-morbidity and depressive symptoms in Chinese primary care patients. *Fam Pract.* 2016;33:61-8.
83. Isaac V, Wu CY, Huang CT, Baune BT, Tseng CL, McLachlan CS. Elevated neutrophil to lymphocyte ratio predicts mortality in medical inpatients with multiple chronic conditions. *Medicine (Baltimore).* 2016;95:e3832.

84. Falci L, Shi Z, Greenlee H. Multiple Chronic Conditions and Use of Complementary and Alternative Medicine Among US Adults: Results From the 2012 National Health Interview Survey. *Prev Chronic Dis.* 2016; 13:E61.
85. Napolitano F, Napolitano P, Garofalo L, Recupito M, Angelillo IF. Assessment of Continuity of Care among Patients with Multiple Chronic Conditions in Italy. *PLoS One.* 2016; 11:e0154940.
86. Balbale SN, Etingen B, Malhiot A, Miskevics S, LaVela SL. Perceptions of Chronic Illness Care Among Veterans With Multiple Chronic Conditions. *Mil Med.* 2016; 181:439-44.
87. Tinetti ME, Esterson J, Ferris R, Posner P, Blaum CS. Patient Priority-Directed Decision Making and Care for Older Adults with Multiple Chronic Conditions. *Clin Geriatr Med.* 2016; 32:261-75.
88. Fried TR, Niehoff K, Tjia J, Redeker N, Goldstein MK. A Delphi process to address medication appropriateness for older persons with multiple chronic conditions. *BMC Geriatr.* 2016; 16:67.
89. Basu J, Avila R, Ricciardi R. Hospital Readmission Rates in U.S. States: Are Readmissions Higher Where More Patients with Multiple Chronic Conditions Cluster? *Health Serv Res.* 2016; 51:1135-51.
90. Harris LJ, Graetz I, Podila PS, Wan J, Waters TM, Bailey JE. Characteristics of Hospital and Emergency Care Super-utilizers with Multiple Chronic Conditions. *J Emerg Med.* 2016; 50:e203-14.
91. Takahashi PY, Ryu E, Hathcock MA, et al. A novel housing-based socioeconomic measure predicts hospitalisation and multiple chronic conditions in a community population. *J Epidemiol Community Health.* 2016; 70:286-91.
92. Jackson C, Kasper EW, Williams C, DuBard CA. Incremental Benefit of a Home Visit Following Discharge for Patients with Multiple Chronic Conditions Receiving Transitional Care. *Popul Health Manag.* 2016; 19:163-70.
93. Azais B, Bowis J, Wismar M. Facing the challenge of multimorbidity. *Journal of Comorbidity.* 2016; 6:1-3.
94. Navickas R, Petric V-K, Feigl AB, Seychell M. Multimorbidity: What do we know? What should we do? *Journal of Comorbidity.* 2016; 6:4-11.
95. Albreht T, Dyakova M, Schellevis F, Van den Broucke S. Many diseases, one model of care? *Journal of Comorbidity.* 2016; 6:12-20.
96. Colombo F, García-Goñi M, Schwierz C. Addressing multimorbidity to improve healthcare and economic sustainability. *Journal of Comorbidity.* 2016; 6:21-2.
97. Hasardzhiev S, Mendão L, Nolte W, Aben B, Karin Kadenbach K. Managing multimorbidity: how can the patient experience be improved? *Journal of Comorbidity.* 2016; 6:28-32.
98. Ramond-Roquin A, Fortin M. Towards increased visibility of multimorbidity research. *Journal of Comorbidity.* 2016; 6:42-5.
99. Luijckx HD, Lagro-Janssen ALM, van Weel C. Multimorbidity and the primary healthcare perspective. *Journal of Comorbidity.* 2016; 6:46-9.
100. Dennis S. Secondary prevention of chronic health conditions in patients with multimorbidity: what can physiotherapists do? *Journal of Comorbidity.* 2016; 6:50-2.
101. Chew-Graham CA, Rasmussen J, Maskrey N. Considering the healthcare needs of older people with multimorbidity: managing Alice. *Journal of Comorbidity.* 2016; 6:53-5.