

Multimorbidity publications January-April 2019

1. Byrne D, Cournane S, Conway R, et al. Socio-Economic Status and MultiOriginal morbidity - Fact or Fiction? *Acute Med* 2019;18(2):64-70.
2. Macinko J, Andrade FCD, Nunes BP, et al. Primary care and multimorbidity in six Latin American and Caribbean countries. *Rev Panam Salud Publica* 2019;43:e8. doi: 10.26633/RPSP.2019.8
3. Perez LM, Hooshmand B, Mangialasche F, et al. Glutathione Serum Levels and Rate of Multimorbidity Development in Older Adults. *J Gerontol A Biol Sci Med Sci* 2019 doi: 10.1093/gerona/glz101
4. Herzig L, Mueller Y, Haller DM, et al. Family practitioners' top medical priorities when managing patients with multimorbidity: a cross-sectional study. *BJGP Open* 2019;3(1):bjgpopen18X101622. doi: 10.3399/bjgpopen18X101622
5. Makovski TT, Schmitz S, Zeegers MP, et al. Multimorbidity and quality of life: systematic literature review and meta-analysis. *Ageing Res Rev* 2019 doi: 10.1016/j.arr.2019.04.005
6. Nicholson K, Almirall J, Fortin M. The measurement of multimorbidity. *Health Psychol* 2019 doi: 10.1037/hea0000739
7. Dekker J, Buurman BM, van der Leeden M. Exercise in people with comorbidity or multimorbidity. *Health Psychol* 2019 doi: 10.1037/hea0000750
8. Contant E, Loignon C, Bouhali T, et al. A multidisciplinary self-management intervention among patients with multimorbidity and the impact of socioeconomic factors on results. *BMC Fam Pract* 2019;20(1):53. doi: 10.1186/s12875-019-0943-6
9. Birk JL, Kronish IM, Moise N, et al. Depression and multimorbidity: Considering temporal characteristics of the associations between depression and multiple chronic diseases. *Health Psychol* 2019 doi: 10.1037/hea0000737
10. Monahan PO, Kroenke K, Callahan CM, et al. Reliability and Validity of SymTrak, a Multi-Domain Tool for Monitoring Symptoms of Older Adults with Multiple Chronic Conditions. *J Gen Intern Med* 2019 doi: 10.1007/s11606-018-4780-4
11. Schmidt S, Behrens J, Lautenschlaeger C, et al. Experiences with combined personal-online case management and the self-reliance of older people with multimorbidity living alone in private households: results of an interpretative-hermeneutical analysis. *Scand J Caring Sci* 2019 doi: 10.1111/scs.12691
12. She R, Yan Z, Jiang H, et al. Multimorbidity and Health-Related Quality of Life in Old Age: Role of Functional Dependence and Depressive Symptoms. *J Am Med Dir Assoc* 2019 doi: 10.1016/j.jamda.2019.02.024
13. Hausmann D, Kiesel V, Zimmerli L, et al. Sensitivity for multimorbidity: The role of diagnostic uncertainty of physicians when evaluating multimorbid video case-based vignettes. *PLoS One* 2019;14(4):e0215049. doi: 10.1371/journal.pone.0215049
14. Jani BD, Hanlon P, Nicholl BI, et al. Relationship between multimorbidity, demographic factors and mortality: findings from the UK Biobank cohort. *BMC Med* 2019;17(1):74. doi: 10.1186/s12916-019-1305-x
15. Nguyen TN, Ngangue P, Bouhali T, et al. Social Vulnerability in Patients with Multimorbidity: A Cross-Sectional Analysis. *Int J Environ Res Public Health* 2019;16(7) doi: 10.3390/ijerph16071244

16. Wagner E, Patrick DL, Khandelwal N, et al. The Influence of Multimorbidity on Health Care Utilization at the End of Life for Patients with Chronic Conditions. *J Palliat Med* 2019 doi: 10.1089/jpm.2018.0349
17. Griffith LE, Gilsing A, Mangin D, et al. Multimorbidity Frameworks Impact Prevalence and Relationships with Patient-Important Outcomes. *J Am Geriatr Soc* 2019 doi: 10.1111/jgs.15921
18. Kastner M, Hayden L, Wong G, et al. Underlying mechanisms of complex interventions addressing the care of older adults with multimorbidity: a realist review. *BMJ Open* 2019;9(4):e025009. doi: 10.1136/bmjopen-2018-025009
19. Silverio Rodrigues D, Sousa PF, Basilio N, et al. Primary care physicians' decision-making processes in the context of multimorbidity: protocol of a systematic review and thematic synthesis of qualitative research. *BMJ Open* 2019;9(4):e023832. doi: 10.1136/bmjopen-2018-023832
20. Chan MS, van den Hout A, Pujades-Rodriguez M, et al. Socio-economic inequalities in life expectancy of older adults with and without multimorbidity: a record linkage study of 1.1 million people in England. *Int J Epidemiol* 2019 doi: 10.1093/ije/dyz052
21. Han BH, Ko R, Palamar JJ. Substance Use by Adults with Medical Multimorbidity in the United States, 2015-2016. *J Gen Intern Med* 2019 doi: 10.1007/s11606-019-04980-1
22. Rivera-Almaraz A, Manrique-Espinoza B, Chatterji S, et al. Longitudinal associations of multimorbidity, disability and out-of-pocket health expenditures in households with older adults in Mexico: The study on global AGEing and adult health (SAGE). *Disabil Health J* 2019 doi: 10.1016/j.dhjo.2019.03.004
23. Palladino R, Pennino F, Finbarr M, et al. Multimorbidity And Health Outcomes In Older Adults In Ten European Health Systems, 2006-15. *Health Aff (Millwood)* 2019;38(4):613-23. doi: 10.1377/hlthaff.2018.05273
24. Frith E, Ramulu PY, Ashar B, et al. Association of Single and Multiple Medical Conditions with Work Status among Adults in the United States. *J Lifestyle Med* 2019;9(1):15-26. doi: 10.15280/jlm.2019.9.1.15
25. Ploeg J, Canesi M, K DF, et al. Experiences of community-dwelling older adults living with multiple chronic conditions: a qualitative study. *BMJ Open* 2019;9(3):e023345. doi: 10.1136/bmjopen-2018-023345
26. Porter T, Ong BN, Sanders T. Living with multimorbidity? The lived experience of multiple chronic conditions in later life. *Health (London)* 2019;1363459319834997. doi: 10.1177/1363459319834997
27. Cook R, Lamont T, Taft R, et al. Patient centred care for multimorbidity improves patient experience, but quality of life is unchanged. *BMJ* 2019;364:k4439. doi: 10.1136/bmj.k4439
28. Thomas-Purcell KB, Jacobs RJ, Seidman TL, et al. A mixed analysis approach to elucidate the multiple chronic condition experience of English- and Spanish-speaking older adults. *Clinical interventions in aging* 2019;14:407-18. doi: 10.2147/CIA.S193215
29. Li X, Cai L, Cui WL, et al. Association of socioeconomic and lifestyle factors with chronic non-communicable diseases and multimorbidity among the elderly in rural southwest China. *J Public Health (Oxf)* 2019 doi: 10.1093/pubmed/fdz020
30. Nieto-Martin MD, De la Higuera-Vila L, Bernabeu-Wittel M, et al. A multidisciplinary approach for patients with multiple chronic conditions: IMPACTO study. *Med Clin (Barc)* 2019 doi: 10.1016/j.medcli.2019.01.014

31. Halonen P, Raitanen J, Jamsen E, et al. Chronic conditions and multimorbidity in population aged 90 years and over: associations with mortality and long-term care admission. *Age Ageing* 2019 doi: 10.1093/ageing/afz019
32. Canevelli M, Raganato R, Remiddi F, et al. Counting deficits or diseases? The agreement between frailty and multimorbidity in subjects with cognitive disturbances. *Aging Clin Exp Res* 2019 doi: 10.1007/s40520-019-01161-2
33. Mori T, Hamada S, Yoshie S, et al. The associations of multimorbidity with the sum of annual medical and long-term care expenditures in Japan. *BMC Geriatr* 2019;19(1):69. doi: 10.1186/s12877-019-1057-7
34. Zhang D, Tang X, Shen P, et al. Multimorbidity of cardiometabolic diseases: prevalence and risk for mortality from one million Chinese adults in a longitudinal cohort study. *BMJ Open* 2019;9(3):e024476. doi: 10.1136/bmjopen-2018-024476
35. Frank F, Bjerregaard F, Bengel J, et al. Local, collaborative, stepped and personalised care management for older people with chronic diseases (LoChro): study protocol of a randomised comparative effectiveness trial. *BMC Geriatr* 2019;19(1):64. doi: 10.1186/s12877-019-1088-0
36. Sakib MN, Shooshtari S, St John P, et al. The prevalence of multimorbidity and associations with lifestyle factors among middle-aged Canadians: an analysis of Canadian Longitudinal Study on Aging data. *BMC Public Health* 2019;19(1):243. doi: 10.1186/s12889-019-6567-x
37. Carrier H, Zaytseva A, Bocquier A, et al. GPs' management of polypharmacy and therapeutic dilemma in patients with multimorbidity: a cross-sectional survey of GPs in France. *Br J Gen Pract* 2019;69(681):e270-e78. doi: 10.3399/bjgp19X701801
38. Reinke LF, Vig EK, Tartaglione EV, et al. Symptom Burden and Palliative Care Needs Among High-Risk Veterans With Multimorbidity. *J Pain Symptom Manage* 2019;57(5):880-89. doi: 10.1016/j.jpainsymman.2019.02.011
39. Marino-Sanchez F, Valls-Mateus M, de Los Santos G, et al. Multimorbidities of Pediatric Allergic Rhinitis. *Curr Allergy Asthma Rep* 2019;19(2):13. doi: 10.1007/s11882-019-0843-9
40. Raciborski F, Bousquet J, Namyslowski A, et al. Dissociating polysensitization and multimorbidity in children and adults from a Polish general population cohort. *Clin Transl Allergy* 2019;9:4. doi: 10.1186/s13601-019-0246-y
41. Caballer-Tarazona V, Guadalajara-Olmeda N, Vivas-Consuelo D. Predicting healthcare expenditure by multimorbidity groups. *Health Policy* 2019;123(4):427-34. doi: 10.1016/j.healthpol.2019.02.002
42. Maciejewski ML, Hammill BG. Measuring the burden of multimorbidity among Medicare beneficiaries via condition counts and cumulative duration. *Health Serv Res* 2019;54(2):484-91. doi: 10.1111/1475-6773.13124
43. Sreedhar S, Richard L, Stokes T. Multimorbidity and multiple social disadvantage in a New Zealand high-needs free primary healthcare clinic population: a cross-sectional study. *N Z Med J* 2019;132(1490):42-51.
44. Wang YP, Nunes BP, Coelho BM, et al. Multilevel Analysis of the Patterns of Physical-Mental Multimorbidity in General Population of Sao Paulo Metropolitan Area, Brazil. *Sci Rep* 2019;9(1):2390. doi: 10.1038/s41598-019-39326-8
45. Lai FTT, Guthrie B, Wong SYS, et al. Sex-specific intergenerational trends in morbidity burden and multimorbidity status in Hong Kong community: an age-period-cohort analysis of repeated population surveys. *BMJ Open* 2019;9(1):e023927. doi: 10.1136/bmjopen-2018-023927

46. Salisbury C, Man MS, Chaplin K, et al. A patient-centred intervention to improve the management of multimorbidity in general practice: the 3D RCT. Southampton (UK)2019.
47. Mueller-Schotte S, Zuithoff NPA, van der Schouw YT, et al. Trends in risk of limitations in instrumental activities of daily living over age in older persons with and without multiple chronic conditions. *J Gerontol A Biol Sci Med Sci* 2019 doi: 10.1093/gerona/glz049
48. Verest W, Galenkamp H, Spek B, et al. Do ethnic inequalities in multimorbidity reflect ethnic differences in socioeconomic status? The HELIUS study. *Eur J Public Health* 2019 doi: 10.1093/eurpub/ckz012
49. St John PD, Tyas SL, Menec V, et al. Multimorbidity predicts functional decline in community-dwelling older adults: Prospective cohort study. *Can Fam Physician* 2019;65(2):e56-e63.
50. Peters M, Potter CM, Kelly L, et al. Self-efficacy and health-related quality of life: a cross-sectional study of primary care patients with multi-morbidity. *Health Qual Life Outcomes* 2019;17(1):37. doi: 10.1186/s12955-019-1103-3
51. Mangin D, Parascandolo J, Khudoyarova O, et al. Multimorbidity, eHealth and implications for equity: a cross-sectional survey of patient perspectives on eHealth. *BMJ Open* 2019;9(2):e023731. doi: 10.1136/bmjopen-2018-023731
52. van den Akker M, Vaes B, Goderis G, et al. Trends in multimorbidity and polypharmacy in the Flemish-Belgian population between 2000 and 2015. *PLoS One* 2019;14(2):e0212046. doi: 10.1371/journal.pone.0212046
53. Monreal-Bartolome A, Barcelo-Soler A, Castro A, et al. Efficacy of a blended low-intensity internet-delivered psychological programme in patients with multimorbidity in primary care: study protocol for a randomized controlled trial. *BMC Psychiatry* 2019;19(1):66. doi: 10.1186/s12888-019-2037-3
54. Newman D, Levine E, Kishore SP. Prevalence of multiple chronic conditions in New York State, 2011-2016. *PLoS One* 2019;14(2):e0211965. doi: 10.1371/journal.pone.0211965
55. Jonsson AR, Reventlow S, Guassora AD. How Older Men with Multimorbidity Relate to Successful Aging. *J Gerontol B Psychol Sci Soc Sci* 2019 doi: 10.1093/geronb/gbz019
56. Menditto E, Gimeno Miguel A, Moreno Juste A, et al. Patterns of multimorbidity and polypharmacy in young and adult population: Systematic associations among chronic diseases and drugs using factor analysis. *PLoS One* 2019;14(2):e0210701. doi: 10.1371/journal.pone.0210701
57. Turuba R, Pirkle C, Belanger E, et al. Assessing the relationship between multimorbidity and depression in older men and women: the International Mobility in Aging Study (IMIAs). *Aging Ment Health* 2019:1-11. doi: 10.1080/13607863.2019.1571018
58. Quinones AR, Allore HG, Botoseneanu A, et al. Tracking Multimorbidity Changes in Racial/Ethnic Diverse Populations over Time: Issues and Considerations. *J Gerontol A Biol Sci Med Sci* 2019 doi: 10.1093/gerona/glz028
59. Valderas JM, Gangannagaripalli J, Nolte E, et al. Quality of care assessment for people with multimorbidity. *J Intern Med* 2019;285(3):289-300. doi: 10.1111/joim.12881
60. Licher S, Heshmatollah A, van der Willik KD, et al. Lifetime risk and multimorbidity of non-communicable diseases and disease-free life expectancy in the general population: A population-based cohort study. *PLoS Med* 2019;16(2):e1002741. doi: 10.1371/journal.pmed.1002741
61. Boehmer KR, Guerton NM, Soyering J, et al. Capacity Coaching: A New Strategy for Coaching Patients Living With Multimorbidity and Organizing Their Care. *Mayo Clin Proc* 67(2):144-57 2019;94(2):278-86. doi: 10.1016/j.mayocp.2018.08.021

62. Engamba SA, Steel N, Howe A, et al. Tackling multimorbidity in primary care: is relational continuity the missing ingredient? *Br J Gen Pract* 2019;69(679):92-93. doi: 10.3399/bjgp19X701201
63. Mitsutake S, Ishizaki T, Teramoto C, et al. Patterns of Co-Occurrence of Chronic Disease Among Older Adults in Tokyo, Japan. *Prev Chronic Dis* 2019;16:E11. doi: 10.5888/pcd16.180170
64. Wang C, Kuo HC, Cheng SF, et al. Continuity of care and multiple chronic conditions impact frequent use of outpatient services. *Health Informatics J* 2019;1460458218824720. doi: 10.1177/1460458218824720
65. Johnston MC, Black C, Mercer SW, et al. Impact of educational attainment on the association between social class at birth and multimorbidity in middle age in the Aberdeen Children of the 1950s cohort study. *BMJ Open* 2019;9(1):e024048. doi: 10.1136/bmjopen-2018-024048
66. Tinetti ME, Green AR, Ouellet J, et al. Caring for Patients With Multiple Chronic Conditions. *Ann Intern Med* 2019;170(3):199-200. doi: 10.7326/M18-3269
67. Boyd C, Smith CD, Masoudi FA, et al. Decision Making for Older Adults With Multiple Chronic Conditions: Executive Summary for the American Geriatrics Society Guiding Principles on the Care of Older Adults With Multimorbidity. *J Am Geriatr Soc* 2019;67(4):665-73. doi: 10.1111/jgs.15809
68. Ulley J, Harrop D, Ali A, et al. Deprescribing interventions and their impact on medication adherence in community-dwelling older adults with polypharmacy: a systematic review. *BMC Geriatr* 2019;19(1):15. doi: 10.1186/s12877-019-1031-4
69. Salisbury C, Bower P, Guthrie B, et al. Multimorbidity and patient-centred care in the 3D trial - Authors' reply. *Lancet* 2019;393(10167):129. doi: 10.1016/S0140-6736(18)32536-4
70. Xu Z, Yao M, Fang L. Multimorbidity and patient-centred care in the 3D trial. *Lancet* 2019;393(10167):128-29. doi: 10.1016/S0140-6736(18)32540-6
71. Lewis-Barned N, Coulter A, Eaton S, et al. Multimorbidity and patient-centred care in the 3D trial. *Lancet* 2019;393(10167):127. doi: 10.1016/S0140-6736(18)32529-7
72. Marengoni A, Vetrano DL, Calderon-Larranaga A, et al. Multimorbidity and patient-centred care in the 3D trial. *Lancet* 2019;393(10167):127-28. doi: 10.1016/S0140-6736(18)32528-5
73. Sturgiss EA, Boeckxstaens P, Clark AM. Multimorbidity and patient-centred care in the 3D trial. *Lancet* 2019;393(10167):127. doi: 10.1016/S0140-6736(18)32527-3
74. Milla-Perseguer M, Guadalajara-Olmeda N, Vivas-Consuelo D, et al. Measurement of health-related quality by multimorbidity groups in primary health care. *Health Qual Life Outcomes* 2019;17(1):8. doi: 10.1186/s12955-018-1063-z
75. Calderon-Larranaga A, Fratiglioni L. Multimorbidity research at the crossroads: developing the scientific evidence for clinical practice and health policy. *J Intern Med* 2019;285(3):251-54. doi: 10.1111/joim.12872
76. Kuipers SJ, Cramm JM, Nieboer AP. The importance of patient-centered care and co-creation of care for satisfaction with care and physical and social well-being of patients with multi-morbidity in the primary care setting. *BMC Health Serv Res* 2019;19(1):13. doi: 10.1186/s12913-018-3818-y
77. Sasseville M, Smith SM, Freyne L, et al. Predicting poorer health outcomes in older community-dwelling patients with multimorbidity: prospective cohort study assessing the accuracy of different multimorbidity definitions. *BMJ Open* 2019;9(1):e023919. doi: 10.1136/bmjopen-2018-023919

78. Holland AE, Lee AL. Precision Medicine, Healthy Living and the Complex Patient: Managing the Patient With Multimorbidity. *Prog Cardiovasc Dis* 2019;62(1):29-33. doi: 10.1016/j.pcad.2018.12.010
79. Lai FTT, Wong SYS, Yip BHK, et al. Multimorbidity in middle age predicts more subsequent hospital admissions than in older age: A nine-year retrospective cohort study of 121,188 discharged in-patients. *Eur J Intern Med* 2019;61:103-11. doi: 10.1016/j.ejim.2018.12.001
80. Marengoni A, Vetrano DL, Onder G. Target Population for Clinical Trials on Multimorbidity: Is Disease Count Enough? *J Am Med Dir Assoc* 2019;20(2):113-14. doi: 10.1016/j.jamda.2018.10.012
81. Vancampfort D, Stubbs B, Firth J, et al. Handgrip strength, chronic physical conditions and physical multimorbidity in middle-aged and older adults in six low- and middle income countries. *Eur J Intern Med* 2019;61:96-102. doi: 10.1016/j.ejim.2018.11.007
82. Tyrer F, Dunkley AJ, Singh J, et al. Multimorbidity and lifestyle factors among adults with intellectual disabilities: a cross-sectional analysis of a UK cohort. *Journal of intellectual disability research : JIDR* 2019;63(3):255-65. doi: 10.1111/jir.12571
83. Soto-Gordoa M, de Manuel E, Fullaondo A, et al. Impact of stratification on the effectiveness of a comprehensive patient-centered strategy for multimorbid patients. *Health Serv Res* 2019;54(2):466-73. doi: 10.1111/1475-6773.13094
84. Rose AJ, Bayliss E, Baseman L, et al. Feasibility of Distinguishing Performance Among Provider Groups Using Patient-reported Outcome Measures in Older Adults With Multiple Chronic Conditions. *Med Care* 2019;57(3):180-86. doi: 10.1097/MLR.0000000000001013
85. Curtin D, Dukelow T, James K, et al. Deprescribing in multi-morbid older people with polypharmacy: agreement between STOPPFrail explicit criteria and gold standard deprescribing using 100 standardized clinical cases. *Eur J Clin Pharmacol* 2019;75(3):427-32. doi: 10.1007/s00228-018-2598-y
86. Kadam UT, Roberts I, White S, et al. Conceptualizing multiple drug use in patients with comorbidity and multimorbidity: proposal for standard definitions beyond the term polypharmacy. *J Clin Epidemiol* 2019;106:98-107. doi: 10.1016/j.jclinepi.2018.10.014
87. Hernandez-Zambrano SM, Mesa-Melgarejo L, Carrillo-Algarra AJ, et al. Effectiveness of a case management model for the comprehensive provision of health services to multi-pathological people. *J Adv Nurs* 2019;75(3):665-75. doi: 10.1111/jan.13892
88. Calderon-Larranaga A, Vetrano DL, Ferrucci L, et al. Multimorbidity and functional impairment-bidirectional interplay, synergistic effects and common pathways. *J Intern Med* 2019;285(3):255-71. doi: 10.1111/joim.12843
89. Muth C, Blom JW, Smith SM, et al. Evidence supporting the best clinical management of patients with multimorbidity and polypharmacy: a systematic guideline review and expert consensus. *J Intern Med* 2019;285(3):272-88. doi: 10.1111/joim.12842
90. Henchoz Y, Seematter-Bagnoud L, Nanchen D, et al. Childhood adversity: A gateway to multimorbidity in older age? *Arch Gerontol Geriatr* 2019;80:31-37. doi: 10.1016/j.archger.2018.10.003
91. Schuttner L, Parchman M. Team-Based Primary Care for the Multimorbid Patient: Matching Complexity With Complexity. *Am J Med* 2019;132(4):404-06. doi: 10.1016/j.amjmed.2018.09.029
92. Jennings E, Gallagher P, O'Mahony D. Detection and prevention of adverse drug reactions in multi-morbid older patients. *Age Ageing* 2019;48(1):10-13. doi: 10.1093/ageing/afy157

93. Nicholson K, Makovski TT, Griffith LE, et al. Multimorbidity and comorbidity revisited: refining the concepts for international health research. *J Clin Epidemiol* 2019;105:142-46. doi: 10.1016/j.jclinepi.2018.09.008
94. Cheng C, Inder K, Chan SW. Patients' experiences of coping with multiple chronic conditions: A meta-ethnography of qualitative work. *Int J Ment Health Nurs* 2019;28(1):54-70. doi: 10.1111/inm.12544
95. Scholz Mellum J, Martsolf DS, Glazer G, et al. How older adults with multimorbidity manage their own care within a formal care coordination program? *Geriatr Nurs* 2019;40(1):56-62. doi: 10.1016/j.gerinurse.2018.06.006
96. McKinlay E, McDonald J, Darlow B, et al. The social networks of New Zealand patients with multimorbidity and the work of those nominated as their 'significant supporters': An exploratory study. *Health Soc Care Community* 2019;27(2):392-99. doi: 10.1111/hsc.12657
97. Ofori-Asenso R, Chin KL, Curtis AJ, et al. Recent Patterns of Multimorbidity Among Older Adults in High-Income Countries. *Popul Health Manag* 2019;22(2):127-37. doi: 10.1089/pop.2018.0069
98. Hussin NM, Shahar S, Din NC, et al. Incidence and predictors of multimorbidity among a multiethnic population in Malaysia: a community-based longitudinal study. *Aging Clin Exp Res* 2019;31(2):215-24. doi: 10.1007/s40520-018-1007-9
99. Caughey GE, Hillen JB, Bacon S, et al. Implementation of medication-related indicators of potentially preventable hospitalizations in a national chronic disease management program for older patients with multimorbidity. *Int J Qual Health Care* 2019;31(2):133-39. doi: 10.1093/intqhc/mzy133
100. Johnston MC, Crilly M, Black C, et al. Defining and measuring multimorbidity: a systematic review of systematic reviews. *Eur J Public Health* 2019;29(1):182-89. doi: 10.1093/eurpub/cky098
101. Wei MY, Kabeto MU, Galecki AT, et al. Physical Functioning Decline and Mortality in Older Adults With Multimorbidity: Joint Modeling of Longitudinal and Survival Data. *J Gerontol A Biol Sci Med Sci* 2019;74(2):226-32. doi: 10.1093/gerona/gly038
102. Singh K, Patel SA, Biswas S, et al. Multimorbidity in South Asian adults: prevalence, risk factors and mortality. *J Public Health (Oxf)* 2019;41(1):80-89. doi: 10.1093/pubmed/fdy017
103. Gellert P, von Berenberg P, Zahn T, et al. Multimorbidity Profiles in German Centenarians: A Latent Class Analysis of Health Insurance Data. *J Aging Health* 2019;31(4):580-94. doi: 10.1177/0898264317737894