Publications on multimorbidity

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Publications by subject

1. THEORETICAL & REVIEW ARTICLES AND PROTOCOLS


Lee ES, Koh HL, Ho EQ, et al. Systematic review on the instruments used for measuring the association of the level of multimorbidity and clinically important outcomes. BMJ Open 2021;11(5):e041219. doi: 10.1136/bmjopen-2020-041219


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Iezzoni LI. Multiple Chronic Conditions and Disabilities: Implications for Health Services Research and Data Demands. Health Serv Res. 2010;45(5 Pt 2):1523-40.


2. DEFINITION / CONCEPTUALISATION


3. CLINICAL AND EPIDEMIOLOGICAL STUDIES

3.1 Prevalence


Corallo B, Proser M, Nocon R. Comparing Rates of Multiple Chronic Conditions at Primary Care and Mental Health Visits to Community Health Centers Versus Private Practice Providers. J Ambul Care Manage 2020;43(2):136-47. doi: 10.1097/JAC.0000000000000324


Moin JS, Moineddin R, Upshur REG. Measuring the association between marginalization and multimorbidity in Ontario, Canada: A cross-sectional study. J Comorb 2018;8(1):2235042X18814939


3.2 Aetiology


3.3 Correlation with biological markers


3.4 Interactions and patterns


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Wee, H.L., et al., The impact of diabetes mellitus and other chronic medical conditions on health-related Quality of Life: is the whole greater than the sum of its parts? Health & Quality of Life Outcomes, 2005. 3(1): p. 2.

3.5 Socio-demographic, socio-economic, and psychosocial variables. Lifestyle factors


McCallum M, MacDonald S. "Multimorbidity Plus": a secondary analysis exploring GP work in areas of high socioeconomic deprivation. BJGP Open 2021 doi: 10.3399/BJGPO.2021.0117

Flores TR, Rodrigues A, Neves RG, et al. The Risk of Multimorbidity Associated with Overweight and Obesity: Data from the Brazilian National


Ranstad K, Midlov P, Halling A. Socioeconomic status and geographical factors associated with active listing in primary care: a cross-sectional population study accounting for


3.6 Variables related to hospitalization


Allen A, Frederick L, Hovey SL. Using Palliative Care Nurses in a Supportive Care Program to Reduce Hospital Utilization for Patients With Multiple Chronic Conditions. J Nurs Care Qual 2021;36(1):79-83. doi: 10.1097/NCQ.0000000000000482


Tran VT, Diard E, Ravaud P. Priorities to improve the care for chronic conditions and multimorbidity: a survey of patients and stakeholders nested within the ComPaRe e-cohort. BMJ Qual Saf 2020 doi: 10.1136/bmjqs-2020-011219


3.7 Resource utilisation


3.8 Quality of life and functional level


Klinedinst TC, Terhorst L, Rodakowski J. Multimorbidity groups based on numbers of chronic conditions are associated with daily activity. Chronic Illn 2021:17423953211023964. doi: 10.1177/17423953211023964


Hodek JM, Ruhe AK, Greiner W. Relationship Between Health-Related Quality of Life and Multimorbidity. *Gesundheitswesen.* 2009 Sep 29. [Epub ahead of print]


3.9 Psychological distress, depression, and cognition


Tong L, Pu L, Guo X, et al. Multimorbidity study with different levels of depression status. J Affect Disord 2021;292:30-35. doi: 10.1016/j.jad.2021.05.039


Thomeer MB. Multiple Chronic Conditions, Spouse's Depressive Symptoms, and Gender within Marriage. J Health Soc Behav. 2016;57:59-76.


Gallo JJ, Hwang S, Joo JH, Bogner HR, Morales KH, Bruce ML 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. 2015.


3.10 Medication


Muller BS, Uhlmann L, Ihle P, et al. Development and internal validation of prognostic models to predict negative health outcomes in older patients with multimorbidity and


3.11 Social support


3.12 Other clinical variables


Olivares DE, Chambi FR, Chani EM, Craig WJ, Pacheco SO, Pacheco FJ. Risk Factors for Chronic Diseases and Multimorbidity in a Primary Care Context of Central Argentina: A


Woo J, Leung J. Multi-morbidity, dependency, and frailty singly or in combination have different impact on health outcomes. *Age (Dordr)*. Apr 2014;36(2):923-931.


Landi F et al. Disability, more than multimorbidity, was predictive of mortality among older persons aged 80 years and older. J Clin Epidemiol. 2010. 63(7):752-9.


3.13 Generalisation of clinical trials / Guidelines


Batten AJ, Thorpe J, Piegari RI, et al. A Resampling Based Grid Search Method to Improve Reliability and Robustness of Mixture-Item Response Theory Models of


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3.14 Other subjects


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Carvalho JN, de Camargo Cancela M, de Souza DLB. Lifestyle factors and high body mass index are associated with different multimorbidity clusters in the Brazilian population. PLoS One 2018;13(11):e0207649. doi: 10.1371/journal.pone.0207649


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Allore HG, Zhan Y, Cohen AB, Tinetti ME, Trentalange M, McAvay G: Methodology to Estimate the Longitudinal Average Attributable Fraction of Guideline-recommended


Chan CL, You HJ, Huang HT, Ting HW. Using an integrated COC index and multilevel measurements to verify the care outcome of patients with multiple chronic conditions. *BMC Health Serv Res.* 2012;12:405.


Wong A, Boshuizen HC, Schellevis FG, Kommer GJ, Polder JJ. Longitudinal administrative data can be used to examine multimorbidity, provided false discoveries are controlled for. J Clin Epidemiol 2011;64(10):1109-17.


4. ECONOMIC STUDIES


5. METHODS TO MEASURE MULTIMORBIDITY AND COMORBIDITY


Charlson, M., et al., Validation of a combined comorbidity index.


Katz, J.N., et al., Can comorbidity be measured by questionnaire rather than medical record review? Medical Care., 1996. 34: p. 73-84.


Ware JE, Bayliss MS, Rogers WH, Kosinski M, Tarlov AR. Differences in 4-year health outcomes for elderly and poor, chronically ill patients treated in HMO and fee-for-service systems. Results from the Medical Outcomes Study. JAMA 1996; 276(13):1039-1047.


6. EDITORIALS / OPINION ARTICLES


Zhao D. Key roles of five lifestyle risk factors in the harmful transition from a healthy condition to multimorbidity in the Chinese population. Eur Heart J 2021;42(34):3385-87. doi: 10.1093/eurheartj/ehab516


Ecks S. Depression, Deprivation, and Dysbiosis: Polyiatrogenesis in Multiple Chronic Illnesses. Cult Med Psychiatry 2021 doi: 10.1007/s11013-020-09699-x


Tsai J, King B, Elder J. Multimorbidity and Social Drivers of Homelessness and Health: Introduction to This Special Issue. Med Care 2021;59(Suppl 2):S101-S02. doi: 10.1097/MLR.0000000000001518


Selby K, Chabloz YM, Schwarz J, et al. The multimorbidity dead end: how we got here and possible ways out. Br J Gen Pract 2020;70(701):607-08. doi: 10.3399/bjgp20X713825


Mathew R. Rammya Mathew: Learning to manage multimorbidity. BMJ 2020;368:m871. doi: 10.1136/bmj.m871

Duncan H. Managing multimorbidity: all doctors started as generalists. BMJ 2020;368:m733. doi: 10.1136/bmj.m733

Coughlan C, Watson M. Managing multimorbidity: listening to patients and integrated care. BMJ 2020;368:m713. doi: 10.1136/bmj.m713

Sharpe M. Time to transcend "physical" and "mental" health. BMJ 2020;368:m609. doi: 10.1136/bmj.m609


Whitty CJM, Watt FM. Map clusters of diseases to tackle multimorbidity. Nature 2020;579(7800):494-96. doi: 10.1038/d41586-020-00837-4


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7. QUALITATIVE RESEARCH


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Prazeres F, Simoes JA. Key Factors to Consider in Team Meetings when Dealing with Multimorbidity in Primary Care: Results from a Delphi Panel. Cureus 2019;11(6):e4990. doi: 10.7759/cureus.4990


van Dongen JJ, de Wit M, Smeets HW, Stoffers E, van Bokhoven MA, Daniels R. "They Are Talking About Me, but Not with Me": A Focus Group Study to Explore the Patient Perspective on Interprofessional Team Meetings in Primary Care. Patient. 2017.


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8. INTERVENTION IDEAS


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Prados-Torres A, Cura-Gonzalez ID, Prados-Torres JD, et al. MULTIPAP Study: Improving healthcare for patients with multimorbidity. Br J Gen Pract 2020;70(suppl 1) doi: 10.3399/bjgp20X711257


9. OTHERS

9.1 Physical activity


Dankel SJ, Loenneke JP, Loprinzi PD. Combined Associations of Muscle-Strengthening Activities and Accelerometer-Assessed Physical Activity on Multimorbidity: Findings From


Loprinzi PD. Sedentary behavior and medical multimorbidity. Physiol Behav. Nov 1 2015;151:395-397.


9.2 Continuity of care


DuGoff EH. Continuity of Care in Older Adults With Multiple Chronic Conditions: How Well Do Administrative Measures Correlate With Patient Experiences? J Healthc Qual. 2017.


### 9.3 Self-care


9.4 Medical errors / Medical Education


