Publications on multimorbidity

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– Publications by subject

1. THEORETICAL & REVIEW ARTICLES AND PROTOCOLS


Fitzgerald SP, Bean NG, Ruberu RP. A method of decision analysis quantifying the effects of age and comorbidities on the probability of deriving significant benefit from medical treatments. Journal of Comorbidity 2017;7:50–63


Salive ME. Multimorbidity in Older Adults. *Epidemiol Rev.* Jan 31 2013.


Lupari M, Coates V, Adamson G, Crealey GE. We're just not getting it right'--how should we provide care to the older person with multi-morbid chronic conditions? *J Clin Nurs* 2011; **20**.


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


### 3.2 Aetiology


3.3 Correlation with biological markers


### 3.4 Interactions and patterns


3.5 Socio-demographic, socio-economic, and psychosocial variables


3.6 Variables related to hospitalization


3.7 Resource utilisation


van den Bussche, H., et al., Patterns of ambulatory medical care utilization in elderly patients with special reference to chronic diseases and multimorbidity - Results from a claims data based observational study in Germany. BMC Geriatrics, 2011. 11: p. 54.


### 3.8 Quality of life and functional level


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


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


Richardson, K., et al., Variation over time in the association between polypharmacy and mortality in the older population. *Drugs Aging*, 2011. 28: p.:547-60.


### 3.11 Social support


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


3.12 Other clinical variables


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


3.14 Other subjects


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


Adams ML. Differences Between Younger and Older US Adults With Multiple Chronic Conditions. *Prev Chronic Dis.* 2017;14:E76.


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


Boeckxstaens P, Vaes B, Legrand D, Dalleur O, De Sutter A, Degryse JM. The relationship of multimorbidity with disability and frailty in the oldest patients: A cross-sectional...


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


Fortin M. "It-that-must-not-be-named": Addressing patient discomfort with the term multimorbidity. Can Fam Physician 2018;**64**(12):881-82.


Wise J. Patients with multimorbidity need longer GP consultations, says RCGP. BMJ. 2016;355:i5961.


Tinetti ME, Basu J. Research on multiple chronic conditions: where we are and where we need to go. *Med Care.* Mar 2014;**52** Suppl 3:S3-6.


Roland M, Paddison C. Better management of patients with multimorbidity. *BMJ.* 2013; **346**:f2510
Hawkes N. Better training is needed to deal with increasing multimorbidity. *BMJ.* 2012;**344**:e3336.


Shepherd DJ. We need a system that accounts for multimorbidity at practice level. *BMJ.* 2012;**345**:e5464.

Kamerow D. How can we treat multiple chronic conditions? *BMJ.* 2012;**344**:e1487.


Valderas JM, Mercer SW, Fortin M. Research on patients with multiple health conditions: different constructs, different views, one voice. *Journal of Comorbidity.* 2011;**1**:1-3.


7. QUALITATIVE RESEARCH


McKenzie KJ, Pierce D, Mercer SW, et al. Do GPs use motivational interviewing skills in routine consultations with patients living with mental-physical multimorbidity? An


Patton DE, Cadogan CA, Ryan C, et al. Improving adherence to multiple medications in older people in primary care: Selecting intervention components to address patient-


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.


Slightam CA, Brandt K, Jenchura EC, Lewis ET, Asch SM, Zulman DM. "I had to change so much in my life to live with my new limitations": Multimorbid patients' descriptions of their most bothersome chronic conditions. Chronic Illn. 2017;1742395317699448.


Steele Gray C, Khan AI, Kuluski K, et al. Improving Patient Experience and Primary Care Quality for Patients With Complex Chronic Disease Using the Electronic Patient-Reported


de Vos A, Cramm JM, van Wijngaarden JD, Bakker TJ, Mackenbach JP, Nieboer AP. Understanding implementation of comprehensive geriatric care programs: a multiple perspective approach is preferred. *Int J Health Plann Manage.* 2016.


8. INTERVENTION IDEAS


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.


Braithwaite RS, Fiellin D, Justice AC. The payoff time: a flexible framework to help clinicians decide when patients with comorbid disease are not likely to benefit from practice guidelines. Med Care. 2009 Jun;47(6):610-7.


9. OTHERS

9.1 Physical activity


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 Correspond With Patient Experiences? J Healthc Qual. 2017.


9.3 Self-care


### 9.4 Medical errors / Medical Education


