Literature search for top researchers in multimorbidity (MM)

* Steward W Mercer from UK
* Susan Smith from Ireland
* Cynthia Melinda Boyd from USA
* Martin Fortin from Canada
* Walter Wodchis from Canada

1. Disease specific MM

* **Diabetes**: care quality/hospitalization and MM (no comorbidity, concordant only, dis-concordant only, both) Wodchis
* **Heart failure**: death/hospitalization and MM (cardiovascular related, other physical and mental) Boyd
* MM in **bipolar disorders** and **cardiovascular disease** Mercer
* MM in **diabetes** Smith
* **Obstructive sleep apnea** and MM Fortin
* MM in **coronary heart diseases** Boyd
* **Stroke**, MM and polypharmacy Mercer

1. Different measures of MM and outcomes
   * ED visits, ACS hospitalization and functional decline and MM (disease count, select condition count, Charlson index, medication count) Smith
   * Measure of MM and level of physical quality of life Fortin (2 studies)
   * Methods for identifying 30 chronic conditions in admin data Fortin
2. Socioeconomic status and MM
   * Physical MM, mental health and SES on hospital admission Mercer
   * SES and survival within patients with MM (no gradient association) Wodchis
   * Inappropriate prescribing and patient SES Smith
   * Interventions in patients with MM from high SES deprivation Mercer
   * SES and MM at different age Mercer
   * PHC effective for people in poverty with MM Fortin
   * MM in younger deprived patients Fortin
3. MM and quality of life
   * MM and quality of life in primary health Fortin
   * MM and quality of life Fortin
   * Functional decline and recovery in hospitalized disabled senior women Boyd
   * Health related quality of life and functional status in MM Boyd
   * MM and deprivation on health related quality of life Mercer
   * MM and functional decline in community dwelling adults Smith
   * MM and health related quality of life in home care clients Wodchis
4. MM and Mental health
   * Stress and mortality in patients with MM Mercer
   * Prevalence of combined somatic and mental health MM by age, sex and race Boyd
   * Physician and MH comorbidity in multiple sclerosis Mercer
   * Depression and MM Mercer
   * Psychological distress and MM Fortin
5. MM and health system use
   * MM and any hospitalization, 3 or more hospitalization and 30-day readmission Wodchis
   * Physical MM, mental health and SES on hospital admission Mercer
   * MM, income and hospitalizations Mercer
   * High users and MM Wodchis
6. Polypharmacy
   * Inappropriate prescribing and patient SES Smith
   * Drug-disease and drug-drug interactions Mercer
   * Stroke, MM and polypharmacy Mercer
   * Potentially inappropriate prescribing and prescribing omission Smith
   * Polypharmacy and hospitalization Mercer
7. Other
   * Regular family physician and hospitalization in patients with and without MM Mercer
   * Cost trajectories for cancer patients Wodchis
   * Evaluating severity in older adults with MM Boyd
   * Clinical feature of high-risk older patients identified by predictive modeling Boyd