

# Describing trends in health service use for men and women living with dementia



McGill

T Bui<sup>1</sup>, G Arsenault-Lapierre<sup>1</sup>, C Godard-Sebillotte<sup>1</sup>, N Sourial<sup>3</sup>, L Rochette<sup>2</sup>, V Massamba<sup>2</sup>, I Vedel<sup>1</sup>

<sup>1</sup>McGill University, <sup>2</sup>Institut national de santé publique du Québec (INSPQ), <sup>3</sup>University of Montreal Research Center

## Background

- Patients living with dementia (PWD) receive lower quality care and higher service use
- Evidence gap: How sex differences influence the healthcare utilization and quality of care in Quebec (QC)

## Objectives

To describe healthcare service utilization and quality of care in men and women living with dementia in Quebec between 2000 and 2017

## Methods

### Design

Repeated, annual cross-sectional cohort design using an administrative databases between 2000 and 2017

### Population

Community-dwelling PWD (65+) incidence cases of dementia

Dementia diagnosis was ascertained using a validated algorithm

### Indicators

8 Health service use indicators were selected from a previously developed framework

### Analysis

Visual and graphical analysis of indicators adjusted for person-time

## Results

Two examples where there was a sex difference

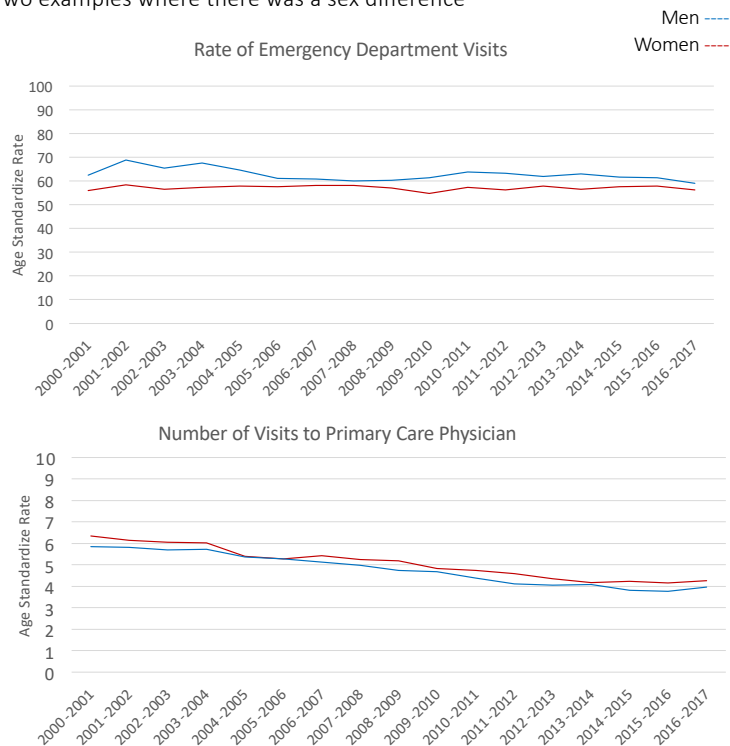


Table 1: Summary of all the indicators

Health Service Use Indicator	Age-Standardized Rate Results
Emergency department visits	Men higher
Hospitalizations	Men higher
Admission to long-term care	Men higher
Mortality	Men higher
Number of visits to primary care physicians	Women higher
Continuity of Care	Women higher
Antidepressant Prescriptions	Women higher
Benzodiazepine prescriptions	Women higher

## Discussion

- Men and women have different health care utilization and quality of care
  - Men use hospital services more
  - Women use more primary care and have more pharmacological care
- No difference in visits to cognition specialists

## Conclusions & Next Steps

- Portrait of secular trends in health service use for men and women living with dementia
- Important for policy makers to create equitable policies

Next Steps:

- Understanding the reasons why there are these discrepancies
- Determine if should policies aim to diminish these differences

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Réseau Québécois  
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Please email any questions or inquiries to: [tammy.bui@mail.mcgill.ca](mailto:tammy.bui@mail.mcgill.ca)