



## Driving & Older Adults

Last reviewed December 2019

### **Medication use and the Risk of Motor Vehicle Collisions Among Licensed Drivers: A Systematic Review**

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5045819/pdf/nihms-813150.pdf>

This systematic review examined the literature to see which specific medications were associated with increased risk of motor vehicle collision (MVC). (OPEN ACCESS)

### **Improving the Safety of Aging Road Users – A Mini-Review**

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3920283/pdf/nihms521218.pdf>

The authors outline the normative age-related changes to perceptual, cognitive, and motor abilities that contribute to increased crash risk and decreased comfort with driving. They highlight specific driving scenarios and conditions that are especially challenging for older drivers. (OPEN ACCESS)

### **Canadian Stroke Best Practice Recommendations: Driving & Stroke**

<http://tbrhsc.net/wp-content/uploads/2017/01/E.-French-Driving-Stroke-Best-Practices-and-Resources..pdf>

This pdf presentation provides links to resources and an overview of the Canadian Stroke Best Practice Recommendations: Stroke Rehabilitation Practice Guidelines (Update 2015) relating to fitness to drive. (OPEN ACCESS)

### **Cognitive Tests and Determining Fitness to Drive in Dementia: A Systematic Review**

<https://onlinelibrary.wiley.com/doi/pdf/10.1111/jgs.14180>

This review was the first to examine cognitive test results pertaining to individuals with dementia to examine the relationship between cognitive tests and driving to determine whether a cognitive assessment can be implemented as a tool to examine driver safety. (OPEN ACCESS)

### **Driving and Dementia: A Clinical Update for Mental Health Professionals**

<https://ebmh.bmj.com/content/ebmental/19/4/110.full.pdf>

This article reviewed the current guidelines and evidence related to driving and dementia to assist clinicians to answer questions about driving safety and to consider the full range of assessment tools available. (OPEN ACCESS)

### **Driving and Dementia: A Clinical Decision Pathway**

<https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4305213/pdf/gps0030-0210.pdf>

This study aimed to develop a pathway to bring together current UK legislation, good clinical practice and appropriate management strategies that could be applied across a range of healthcare settings. (OPEN ACCESS)

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### Driving Assessment for Maintaining Mobility and Safety in Drivers with Dementia (Review) <https://www.cochranelibrary.com/cdsr/doi/10.1002/14651858.CD006222.pub4/epdf/full>

This Cochrane Review sought to assess whether driving assessment facilitates continued driving in people with dementia; whether driving assessment reduces accidents in people with dementia and to assess the quality of research on assessment of drivers with dementia. (OPEN ACCESS)

### Not if, But When: Impact of a Driving and Dementia Awareness and Education Campaign for Primary Care Physicians <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4038538/pdf/cgj-17-70.pdf>

This article reports of the impact of a provincial web-based resource called [www.notifbutwhen.ca](http://www.notifbutwhen.ca), regarding driving cessation in dementia. (OPEN ACCESS)

### Fitness to Drive <https://content.oma.org/wp-content/uploads/MayJune2018OMR-FitnesstoDrive.pdf>

This Ontario Medical Association webpage highlights the requirements for reporting that were updated on July 1, 2018. (OPEN ACCESS)

### Older Drivers – A Complex Public Health Issue <https://www150.statcan.gc.ca/n1/en/pub/82-003-x/1999002/article/4731-eng.pdf?st=NfZfcFK>

This older article discussed the percentage of seniors licensed to operate a motor vehicle as well as the known presence of chronic conditions, disabilities and medication use. (OPEN ACCESS)

### Driving Cessation and Health Outcomes in Older Adults <https://onlinelibrary.wiley.com/doi/pdf/10.1111/jgs.13931>

This study aimed to determine what effect driving cessation may have on subsequent health and well-being in older adults. (OPEN ACCESS)

### When it is Time to Hang up the Keys: the Driving and Dementia Toolkit – For Persons With Dementia (PWD) and Caregivers – A Practical Resource <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4228426/pdf/1471-2318-13-117.pdf>

This toolkit was prepared to address the concerns of both the person with dementia as well as the caregivers. Strategies and solutions are presented. (OPEN ACCESS)

### Discussions About Driving Between Older Adults and Primary Care Providers <https://www.ncbi.nlm.nih.gov/pmc/articles/PMC4916846/pdf/nihms-764777.pdf>

The authors conducted an observational retrospective medical record review to estimate how many older patients discuss driving with a primary care provider and discussion triggers. (OPEN ACCESS)

### Driving With a Neurodegenerative Disorder: An Overview of the Current Literature [https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5533843/pdf/415\\_2017\\_Article\\_8489.pdf](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5533843/pdf/415_2017_Article_8489.pdf)

The aim of this review was to summarize the available literature on changes in driving competence and behaviour in patients with neurodegenerative disorders. (OPEN ACCESS)