



## HEALTH CARE PROVIDERS

- **Clinician's Guide to Assessing and Counseling Older Drivers**  
[bit.ly/CG-4th](http://bit.ly/CG-4th)
- **TREDs Online Tutorial:** Screening and Management of Age and Medically Related Driving Impairments [tredslms.ucsd.edu](http://tredslms.ucsd.edu)
- **Physician Mandated Reporting of Drivers in California**  
[bit.ly/phys-reporting](http://bit.ly/phys-reporting)
- **American Occupational Therapy Association - Driving Program Locator:** Locate occupational therapists who are trained in driving assessment and evaluation [bit.ly/AOTA-DS](http://bit.ly/AOTA-DS)
- **Association of Driver Rehabilitation Specialists:** Offers driver rehabilitation education [aded.net](http://aded.net)

## PATIENTS AND FAMILIES

- **AAA Mature driver improvement courses and evaluation tools**  
[bit.ly/AAA-Seniors](http://bit.ly/AAA-Seniors)
- **AARP Mature driver safety courses** [aarp.org/drive](http://aarp.org/drive)
- **California Department of Aging:** Links to counties for services and transportation programs [aging.ca.gov](http://aging.ca.gov) or (800) 510-2020
- **ChORUS Clearinghouse for Older Road User Safety:** A centralized source of information pertaining to highway safety for aging drivers [bit.ly/Chorus-Seniors](http://bit.ly/Chorus-Seniors)
- **National Highway Traffic Safety Administration:** Comprehensive information on driver safety issues [nhtsa.gov](http://nhtsa.gov)
- **The Hartford:** A guide for family conversations about driving.  
English: [bit.ly/Hartford-Guide](http://bit.ly/Hartford-Guide)  
Spanish: [bit.ly/Hartford-Sp](http://bit.ly/Hartford-Sp)

## SCREENING & MANAGEMENT OF AGE AND MEDICALLY RELATED DRIVING IMPAIRMENTS

### WHY SCREEN

- Most older drivers will outlive their driving ability by about seven years
- Adults over 75 years have crash rates comparable to teenagers
- As one ages, the risk of injury or death from the same impact crash increases
- Older adults and their families depend on health care providers to assist with the transition into driving retirement

### WHEN TO SCREEN

- Baseline ≥ 65 years or as medically indicated
- Patient or family has concerns about driving
- Recent change in health (e.g. MI, CVA, cancer)
- Medical conditions affecting cognition, frailty, vision, seizures, or LOC
- Polypharmacy

### HOW TO REPORT

- Administer tests recommended by the American Geriatrics Society (see inside)
- Obtain history of dementia and LOC (seizures, arrhythmias, hypoglycemia, etc.) in the last 6 months

### WHEN TO REPORT

- **Title 17, CA Code of Regulations: Section 2810** requires physicians to report conditions that cause lapses of consciousness, seizures, or diseases related to Alzheimer's (and other dementias)
- Disorders characterized by lapses of consciousness refer to conditions that involve: marked reduction of alertness or responsiveness to external stimuli; inability to perform one or more activities of daily living; impaired sensory or motor functions used to operate a motor vehicle

### HOW TO REPORT

- Confidentiality and Morbidity Report (CMR 110c) [bit.ly/110c](http://bit.ly/110c)
- Request for Driver Reexamination (DS 699) [bit.ly/DS-699](http://bit.ly/DS-699)
- Driver Medical Evaluation (DS 326) [bit.ly/DS-326](http://bit.ly/DS-326)

Reporting a patient does not necessarily mean that they will lose their driving privilege. The goal is to preserve driving for as long as it is safe. The DMV can monitor at-risk drivers and impose licensing restrictions to prolong driving.



# SUMMARY OF ASSESSMENT TESTS AND INTERPRETATIONS

## ADAPTED FROM: CLINICIAN'S GUIDE TO ASSESSING AND COUNSELING OLDER DRIVERS, 4th EDITION

Test	Assessment	Description	Criteria for Passing	Criteria for Failing	Criteria for Incomplete*
	<b>VISION:</b>	<b>Conduct tests 1 and 2</b>			
1	<b>VISUAL ACUITY</b>	Measured using Snellen eye chart. Scored by numerical visual acuity value.	≤ 20/70 in both eyes, corrected	> 20/70 in both eyes, corrected	Missing corrective lenses
2	<b>VISUAL FIELDS</b>	Measured using confrontation testing at 3 feet distance. Scored as pass/fail by comparison to normal limits.	Within normal limits	Not within normal limits	Missing corrective lenses
	<b>STRENGTH:</b>	<b>Conduct test 1 and at least one other (2 or 3)</b>			
1	<b>RANGE OF MOTION "ROM"</b>	Measured by neck rotation, finger curl, shoulder and elbow flexion, ankle dorsiflexion and plantar flexion. Scored as pass/fail based on normal limits.	Within normal limits for all tests	Not within normal limits for one or more tests	Temporary reason for failure (e.g. IV, recent ortho injury/surgery)
2	<b>RAPID PACE WALK</b>	Measured by time taken to walk 10 feet and back. Scored by time in seconds.	≤ 9 seconds	> 9 seconds	Temporary immobility (e.g. recent injury or surgery)
3	<b>GET UP AND GO</b>	Measured by ability to stand from seated position, walk 10 feet and back, and sit down again without falling. Scored by scale of 1-5.	Score of ≤ 2 Normal or near normal movement	Score of > 2 Slowness, staggering, abnormal movement	Temporary immobility (e.g. recent injury or surgery)
	<b>COGNITION:</b>	<b>Conduct tests 1 and 2 <u>OR</u> tests 1, 3 and 4 - based on clinical judgement</b>			
1	<b>MAZE TEST</b>	Measured by time taken to complete a standard maze. Includes a practice test. Scored by time in seconds and number of errors.	≤ 60 seconds, with 0-1 errors	> 60 secs, w/ or w/out errors ≤ 60 secs, w/ 2+ errors	Missing corrective lenses, inability to write (e.g. tremor)
2	<b>MONTREAL COGNITIVE ASSESSMENT MoCA**</b>	Ten-minute test measured by performance on 11 components. Multiple languages available. Scored on scale of 1-30. Add 1 point if patient has less than 12 years of formal education.	Score of ≥ 26	Score of < 26	Missing corrective lenses, inability to write (e.g. tremor)
3	<b>TRAIL MAKING B**</b>	The participant is asked to connect, in alternating order, encircled letters (A-L) and numbers (1-13). Errors are pointed out while the test is being completed. Scored by time required to complete.	≤ 180 seconds	> 180 seconds	Missing corrective lenses, inability to write (e.g. tremor)
4	<b>CLOCK DRAWING**</b>	Measured by asking participant to draw the face of a clock with the time set at "ten minutes after eleven." Scored by: shape of clock, correct amount of numbers accurately located and spaced, only two hands with one hand pointing to the 2 and the absence of intrusive marks.	All criteria met	Failure to meet any criteria	Missing corrective lenses, inability to write (e.g. tremor)