

Determining Medical Fitness to Drive.

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Medical Advisor to the Registrar of Motor Vehicle NL.

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Determining Medical Fitness to Drive

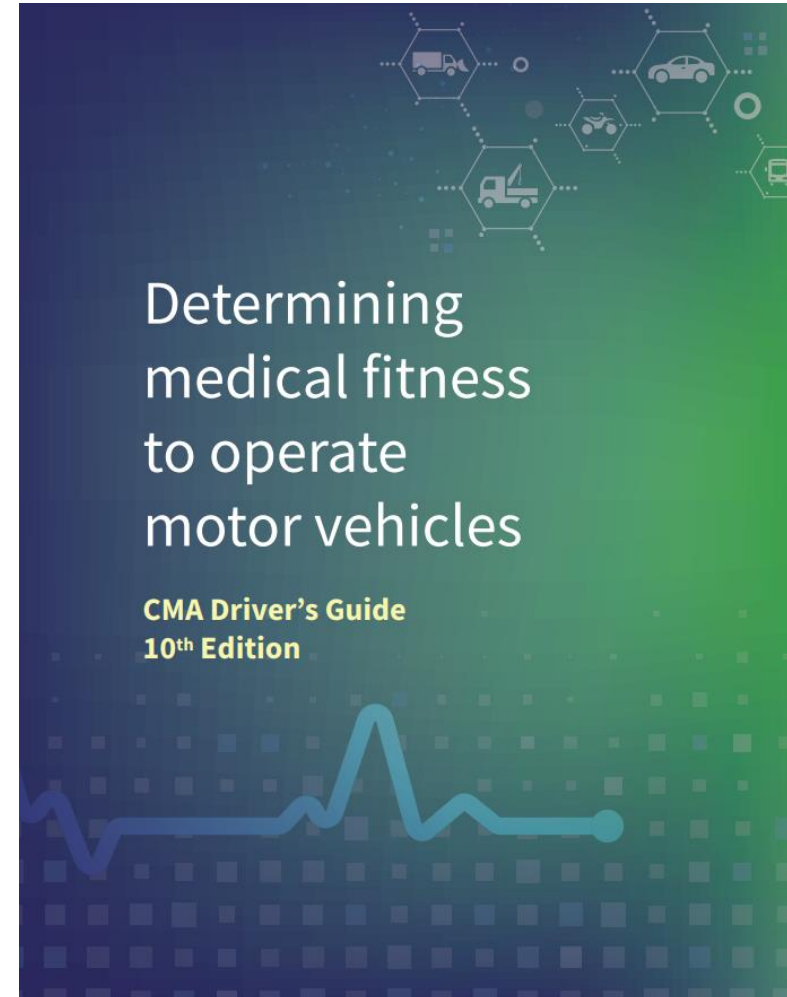
Learning Objectives

1. Understand the medicolegal and ethical responsibilities to report potential unsafe drivers in NL.
2. Identify medical conditions that may impact safe operation of a motor vehicles on public roadways.
3. Options to have driver functionally assessed to determine fitness to drive.

Resource Materials In Determining Medical Fitness to Drive

1. CMA Guide : Determining Medical Fitness to Drive 10th edition (online version).

<http://driversguide.ca>



Resource Materials In Determining Medical Fitness to Drive



2. Canadian Council of Motor Transportation Administration (CCMTA).

National Safety Code
Chapter 6. Medical Standards Part 2.

Online version:
CCMTA Medical Standards

National Safety Code

Standard 6: Determining Driver Fitness in Canada

Part 1: A Model for the Administration of Driver Fitness Programs

Part 2: CCMTA Medical Standards for Drivers



Resource Materials In Determining Medical Fitness to Drive



3. Medical Section MRD

- Dr. Roy Lilly 709-729-4975
- Ashley Rose 709-729-1897
- Medical Section Direct Fax # 709-729-4360
- mrdmedicals@gov.nl.ca

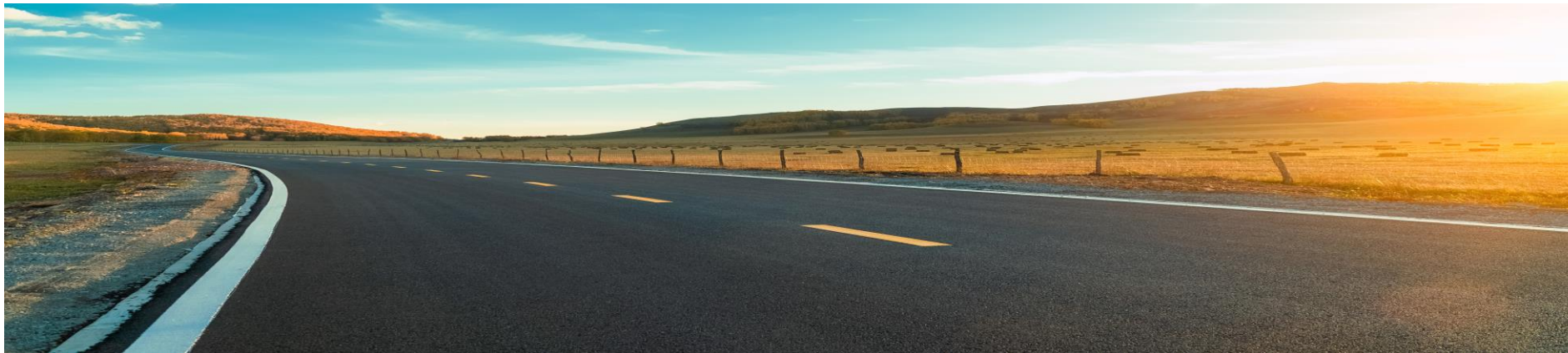
Agenda

1. Highway Traffic Act (HTA) and Mandatory Reporting in NL.
2. Motor Registration Structure.
3. General Points of Consideration.
4. Template to Approach Driver Fitness.
5. Routine Medical and Medical Conditions.
6. Driver Assessment Options.
7. Question and Answer Session.

Highway Traffic Act & Mandatory Reporting in NL

174.1 (1) A medical practitioner licensed under the Medical Act, 2011 , a nurse practitioner as defined in the Registered Nurses Act, 2008 or an optometrist licensed under the Optometry Act, 2012 shall report to the registrar the name, address, date of birth and clinical condition of a person 16 years of age or older attending the practitioner or the optometrist for medical or optometric services who, in the opinion of the practitioner or optometrist, is suffering from a condition that may make it dangerous for the person to operate a motor vehicle.

(2) An action shall not be brought against a medical practitioner, a nurse practitioner or an optometrist for complying with subsection (1).



Motor Registration

- Registrar of Motor Vehicle – Krista Cull (709-729-4175)
- Medical Advisor to the Registrar- Dr. Roy Lilly (709-729-4975)
- Medical Review Officer- Ashley Rose BNRN, MWomHMed. (709-729-1897)
- Clerical staff to receive and screen reports to medical section of Motor Registration Division (MRD).
- Appeals Section
 - Supreme Court of NL.

General Points of Consideration



Routine Medical Recalls for Drivers Age and Class of Vehicles

Private Driver (Class 05 & 06)

Age 75 & 80

Age >80 Every 2 years

Commercial Driver (Class 01, 02, 03, & 04)

Age < 45 Every 5 years

Age 45-65 Every 3 years

Age > 65 Yearly

Endorsements (Fall under 05 Licence)

08- Traction Engines (Excavators, backhoes , tracked vehicle)

09- Air brake endorsement (Veh>11,000 kgs)

General Points of Consideration

- Driving is a privilege and not a right.
- Motoring public safety is paramount.
 - Goal is to strike a balance between the safety of the motoring public and a driver's needs.
- Every driver is an aging driver, and the aging process varies from individual to individual.
- Single major impairment (e.g. seizure) or multiple minor medical issues may make it unsafe to drive.

General Points of Consideration

- Driving is a complex dynamic task requiring, on average, 20 safety critical decisions per mile travelled.
- Vision provides approximately 90% of the information required for driving.
- Need to look at competency and functional abilities.



Template to Approach Driver Fitness

1. Class of Driver Licence
 - Private vs Commercial
2. Medical Condition(s)
 - Stable vs Progressive
3. Impairments
 - Episodic vs Persistent
4. Primary Functional Ability Affected
 - Motor
 - Sensory
 - Cognitive
 - Combination

Template to Approach Driver Fitness

5. Medical Recommendations

- Fit to drive
- Unfit to drive
- Fit to drive with restrictions
- Unsure

Routine Medicals

www.mygov.nl.ca

- Departments
- Digital Government and Service NL
- Motor Registration Website
- Existing drivers
- Medical Standards and Mandatory reporting
- Routine Medical form PDF

Name: **DOE JANE** D.L. # **D300101019 Y** Class: **05**
 Please answer all questions. An answer of 'YES' to either question will require clarification in the comments section below.

1. Visual Problems? (glaucoma, cataracts, retinitis, retinopathy etc.) Yes No
 Please complete the following:

	Right	Left	Both	
Visual Acuity	6/	6/	6/	Uncorrected
	6/	6/	6/	Corrected

AND
 Provide the continuous Horizontal Visual Field with both eyes open & examined together.
 (Private - N >= 120° Commercial - N > 150)° _____

2. Cardiac Conditions? Yes No
 (atherosclerotic disease, angina, infarct, arrhythmia, surgery, CHF)
 If CHF please provide latest ejection fraction _____ %
 If Internal Cardioverter Defibrillator please provide date of last activation _____
 Please circle functional class (N.Y.H.A.) I II III IV

3. Vascular Conditions? Yes No
 (Aneurysm, CVA, TIA etc.)

4. Aneurysm of the Aorta? Yes No
 5 cm or more? Yes No Surgery? Yes No

5. Diagnosis of chronic abuse/dependence on alcohol or drugs? Yes No
 Alcoholism? Yes No Sober since: YYYY MM DD
 Drugs? Yes No Abstinence since: YYYY MM DD

6. To your knowledge, is this driver on any medications/substances that could cause impairment of driving ability? Yes No
 If "yes" to the above question, please name drug(s)/substance(s): _____

7. Respiratory Insufficiency? Yes No
 (Asthma, severe dyspnea, etc.)
 If yes, circle functional class I II III IV

8. Diabetes Mellitus? Yes No
 Age of onset _____
 Medication Type and Dose _____
 Under Control? Yes No
 Severe hypoglycemia? (Intervention by a third party) Yes No
 If yes, date of last episode _____
 Hypoglycemic awareness Yes No

9. MSK disorder impacting ability to drive? Yes No

10. Other Neurological Disorders? (CVA, Parkinson's, TIA, paralysis, cognitive, narcolepsy, non-epileptic Seizures, etc.) Yes No

11. Epilepsy? Yes No
 Date of first seizure _____ Date of last seizure _____

12. Other disorders affecting ability to drive? (vertigo, hypotension, LOC, fainting, cachexia, senility, side-effects of meds, sleep apnea, etc) Yes No

13. Mental Illness? (Psychosis, personality disorders, etc.) Yes No
 Estimate of emotional stability _____

14. Based on the medical history and clinical exam, is a functional on-road assessment indicated? Yes No
 Indicate Restriction/s, if applicable: _____

15. Is a second medical opinion required? Yes No
 If yes, with whom? _____

16. What recall timeframe would you suggest? _____

17. Examining physician family doctor/treating specialist? Yes No

18. How long has the patient been under your care? _____

Comments (Use a Separate Sheet if Necessary)

Name and address of Physician/Nurse Practitioner (in block letters)

Telephone (office): _____ Date of Examination
 Signature: _____

Personal information contained on this form is collected under the authority of Section 45(5)(b) the Highway Traffic Act (HTA) and will be used to issue a NL Driver's Licence. Section 6 of the HTA allows MVD to disclose an applicant's personal information to other health professionals for the purpose of medical assessments related to driving requirements. Personal information collected by the Government of Newfoundland and Labrador is protected under the Access to Information and Protection of Privacy, 2016 (ATIPP) Act. If you have any questions about the collection or use of this information, please direct inquiries to 1-877-635-6357 (Non

Driver's Signature authorizing release of information and certifying that information provided is correct: _____

FOR OFFICE USE ONLY

Clerk: _____ Date: _____

202404-NP0319

Driver Assessment Options

1. Extended functional road assessments with MRD driver examiners.
 - No cost to driver.
 - Need to provide road worthy vehicle with valid insurance and registration.
 - Assess physical abilities and potentially very early cognitive decline in drivers.
 - Driver examiners have no physical control over the vehicle (no dual brake or dual steering wheel).

Outcomes

1. Fit
2. Unfit (temporary or permanent).
3. Fit with restrictions (only for non-cognitively impacted drivers).
4. Professional Driving Instruction (PDI) with repeat on road test with MRD driver examiner.

OT Pre-Driving Screen (In clinic assessment by OT, no on road testing)

- No cost to driver
- Good resource if you are unsure of driving abilities.
- Assesses cognition and physical abilities.
- Make recommendations for the driver:
 - Will require an on-road assessment at MRD
 - Will require an OT Full assessment
 - Will require medical follow up
 - Can continue with driver's licence
- Contact number St. John's Location # 709-777-7885
 - Requisitions can be sent to- Fax # 709-777-7848

**NL Health Services Form # CH-1383- Rehabilitation services referral form.

The Golden Years

- *I've sure gotten old! I've had 2 bypass surgeries, a hip replacement, new knees, fought prostate cancer and diabetes.*
- *I'm half blind, can't hear anything quieter than a jet engine, take 40 different medications that make me dizzy, winded and subject to blackouts.*

The Golden Years (continued)

- *Have bouts with dementia.*
- *Have poor circulation; hardly feel my hands and feet anymore.*
- *Can't remember if I'm 89 or 98.*
- *Have lost all my friends but thank God I still have my driver's licence!*



“Can I buy a vowel, Pat?”

Questions and Answer session

Thank you!

Dr. Roy Lilly

Available Wednesdays only.
Office #- 709-729-4975

