

Navigating Driving Rehabilitation in a Neuro Setting Michelle Flora COTA, CBIS, CSRS, Driving Rehabilitation COTA Andy Nelson, Lead Instructor Driver Rehabilitation Professional MBA

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Who are the Speakers?

- Andy Nelson, Owner Safer Driver Solutions Lead Instructor, Driver Rehabilitation Professional, MBA
 - President, Iowa Association of Safety Education
 President, ADED Iowa/Nebraska Chapter
- Michelle Flora, COTA, CBIS, CSRS, LSVT Certified
 - Driving Rehabilitation COTA
 - Working towards Driving Rehab Professional (DRP)
 Lead of driving rehab program at OWL

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Who is Safer Driver Solutions?

- Our services towards Independent Living
- Porgrams •
 - Driving for Exceptional Learners
 Driving with Physical Disabilities
 Driver Rehabilitation

 - Driving Evaluations
 Driver Education Teens & Adults And International



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New Drivers

- This is the view 90% of your new, disabled drivers have seen.
 Ask your new driver when they have actually sat in the front seat.
 The answer may surprise you.







 How do you start the car? 	 What is a blinker?
 Where is the brake pedal? Where is the accelerator pedal? Would they even know what that is. We have to use terminology they understand. What is a taillight? What color is it and where do you see it on other vehicles? What is the speedometer? What obes it tell you? What is speed? What is safe speed? Where is the turn signal switch? What does it do? Why do we use it? 	 What are you looking for when looking outside the windshield? How do you explain that to your new driver or driver re-learning? Why are there mirrors on the sides of the car? How do you explain their function? How do I know where they should be set?
,	S ON WITH LIFE





	Driving for Exceptional Learners	Driving with Physical Disabilities	Driver Rehabilitation	Driver Evaluations	Driver Education
IVRS	\$	s	\$	\$	\$
SSI - Pass	\$	s	\$	s	\$
Private Pay	\$	\$	\$	\$	\$
Vet Admin		\$	\$	\$	
Insurance		\$	\$		
Workers Comp		\$	\$	\$	



Clinical Based Driving Programs

- OWL Driving Program
 - Completed through outpatient Occupational Therapy
 Collaboration between all disciplines (SLP, PT, Counseling, neuro-
 - psych)
 - Looking at driving readiness
- Formal On the Road Evaluation
 - Started Formal Driving Evaluations in September, 2021
 3-5+ driving evaluations a month

 - S-S-S driving evaluations a month
 Typically seeing Person Served who have had a neuro injury of stroke, TBI, SCI, progressive neuro diseases, general public
 Collaboration: Primary Care Physicians, Neurologist, PM&R Physicians, Vision Specialist, DOT, Nuero Psychologist, and care partners
 Out of pocket expense

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Driving Rehab in the Neuro Setting:

- Referral is attained by physician, care partner, or driver themselves
- OT evaluation identifies need or desire for return to driving and creates a goal
- Assess baseline functions through written assessments, Dynavision, and driving simulator •
- Continued collaboration with person served, care partners, and health care professionals
- Towards end of treatment identify next steps/make recommendations
 - Gradual return to driving
- Formal driving evaluation
- Driving re-examination through DOT

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Domino Effect of Premature Reporting:

- Physician informs DOT office of a recent medical episode
- DOT notifies person served/clients of a temporary or indefinite suspension of license with schedule of re-examination
- RED FLAG!
- Detriments:
 - Potentially not ready, not fully recovered from their injury, and are still rehabbing back to their fullest potential
- Pre-mature re-examination may cause further damage to their driving record, setting them up for failure, further delaying their independence, and ability to work

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What types of health conditions can affect my driving ability	My license is expiring soon, will I need my doctor's approval to renew my license?	Are there specific requirements after a seizure or blackout?	
Seizure	Any health condition that result in a request for a completed medical report and/or a diving exam when presenting to renew your license.	lowa rules require a six-	
Blackout/Loss of consciousness		month, episode free period verified by a satisfactory medical report before licensing.	
Diabetes		Exceptions-	
Neuromuscular disorder		ense. • Single, nonrecurring episode with an identified cause and treatment is not required Has been identified as syncope. • Occurs only when asleep.	
Sleep disorder			
Heart problem			
Dementia or cognitive impairment			
Mental illness		 Occurs only when asleep. Withdraw from 	
Substance abuse		medication	

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Key Takeways

- 1. Spend time learning about your client and their condition.
- 2. Refer to a driving rehab program and driving rehab professionals before initiating DOT re-examination
- 3. Be prepared to spend the appropriate time with instruction and rehab. Work with the client until they have a license, or it is determined they are not able to drive safely.
- 4. If you are unsure, reach out for help before terminating services.
- 5. Explore all the options

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OWL Case Study #2 Person Served: 19 y/o, Male Diagnosis: TBI, Subdural Hemorrhage Timeline of Neuro Injury: • 10/2022 Fall • 10/21/2022 fall • 10/21/2022 discharged home with parents • 11/2022: OT Eval • Driving Only Goal Barriers to Driving Readiness: L elbow injury, cognition, divided attention Driving Rehabilitation Outcomes: Recommended ECONFIDENTIAL

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OWL Case Study #2- Outcomes

- Attended DOT re-examination appointment
- Was denied ability to sit for written or on the road due to loss of consciousness
- Put in appeal to medical board with documentation from PCP, PM&R, and OWL driving readiness report
- Granted re-instatement of license

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