NeuroNights: Transportation & Driver Rehabilitation

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OSUWMC Occupational Therapy Driver Rehabilitation

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Objectives

• Introduce OSU Assistive Technology Driver Rehabilitation Team
• Describe Services Offered
• Describe Equipment Available
• Offer Suggestions for Home Practice
• Referral Process
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Staff

- Theresa Berner, MOT, OTR/L, ATP
- Michelle Fisher, OTR/L, CDRS
- Elizabeth Gauen, ATP/SMS, RET
- Mary Miller, OTR/L, CDRS
- Meredith Sweeney, OTR/L, CDRS
- Susan Wolf, OTR/L, CDRS
- Christine Perko, OTR/L, DRS
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Locations

1. Martha Morehouse Assistive Technology
   2050 Kenny Road, Suite 3300
   Columbus, Ohio 43221
   614-685-5600

2. Hilliard Outpatient Rehabilitation (site moving to Dublin in August but the phone number will remain the same)
   6048 Woodsvie Way
   Hilliard, Ohio 43026
   614-293-6384

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Program objectives:

• Assist clients, who are novice drivers with a medical issue, to learn to drive
  • Licensed by the state as a driving school

• Assist clients to meet their goal to resume driving after a medical issue

• Assist clients with progressive medical conditions to determine when is the appropriate time to stop driving and develop an individualized transportation plan
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Services Provided

• Clinic Assessment:
  • Interview
  • Vision Screen
  • Visual Perceptual Screen
  • Physical Assessment including reaction time
  • Cognitive Screen
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Services Provided

• On-Road Assessment of Current Skills
  • Client must have a valid driver’s license or permit to complete the on-road portion
  • On-road portion completed in the hospital owned vehicle that is set up with passenger side controls for safety
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Services Provided

• Discuss the findings of the assessment as an integration of the clinical findings with the on-road performance

• Recommendations may include:
  • Training of compensatory strategies, vehicle adaptions and safety procedures
  • Prescription of vehicle modifications, assist with BMV requirements and collaborate with Mobility Equipment Dealers
  • Present resources and options for continued community mobility if recommending driving cessation or transition from driving
  • Present education for novice drivers and their parents/caregivers to address home program suggestions
Available Equipment

Lowered Floor Minivan Conversion with Side Entry Ramp
Available Equipment
Mod Tech Equipment
Available Equipment

Low Tech Equipment
Available Equipment

Low Tech Equipment
Suggestions for Home

Front Seat “Active” Passenger Tasks

• Give directions to familiar destination

• Identify when the car directly in front of you brakes or signals a turn

• Quickly and correctly identify and state meaning of all road signs, traffic lights and road markings

• Quickly identify all developing hazards (pedestrians, bicyclists, construction zones, garbage truck collections, mail delivery, school bus stopping) the driver needs to respond to
Suggestions for Home

Front Seat “Active” Passenger Tasks

- Identify how drivers, pedestrians and bicyclists communicate with each other (hand signals/waves, head nods, horns, flash lights)
- Correctly identify when it is appropriate to break a driving rule (crossover the double yellow line with no on-coming traffic to give a bicyclist room, do not stop at a yellow light when committed into the intersection)
Suggestions for Home

Drive Focus App

All great drivers know training is essential.

For best results, complete the training module before starting a tour.

TRAINING

TOURS

THE OHIO STATE UNIVERSITY

WEXNER MEDICAL CENTER
Referral Process

• Physician referral starts the process
  • Physicians within the OSU system
    • Electronic referral “Ambulation Referral to Occupational Therapy Driving Eval”
  • Physicians outside the OSU medical center system
    • Referral with OT Driver Rehabilitation Program
    • Patient demographics
    • Most recent physician notes
    • Fax to 614-293-9002