

DRIVING AND AGING: WHEN TO STOP

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Driving



Should She Drive?



What age?



It's not age, it's ability

- People experience the signs and symptoms of aging at different rates and in different ways.

How do you decide?



Professional Evaluation

□ In-Clinic Evaluation

□ On-The-Road Evaluation



Clinical evaluation

+ On-the-Road assessment

Driving recommendation

In-Clinic Evaluation

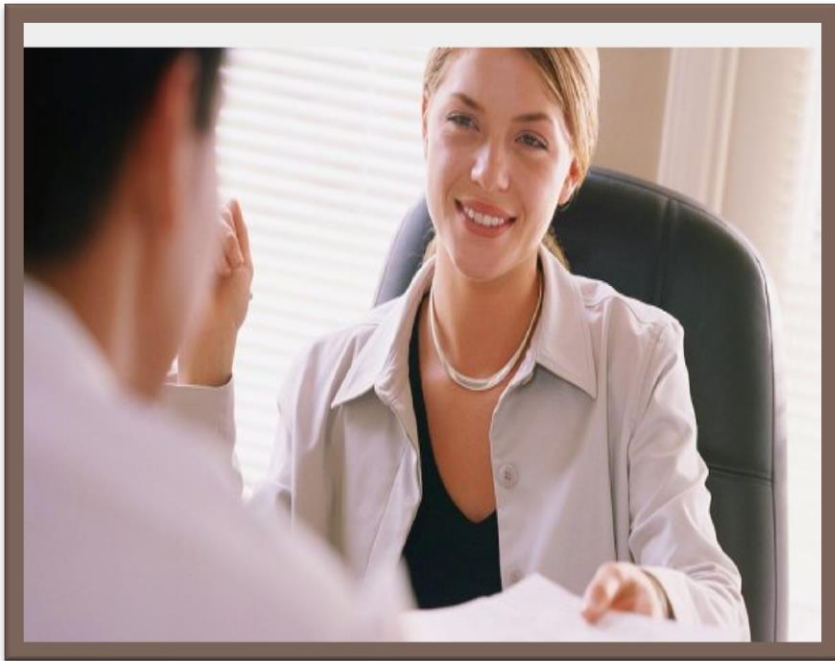
1-Interview

2-Physical Assessment

3-Visual Assessment

4-Cognitive/ Perceptual
Assessment

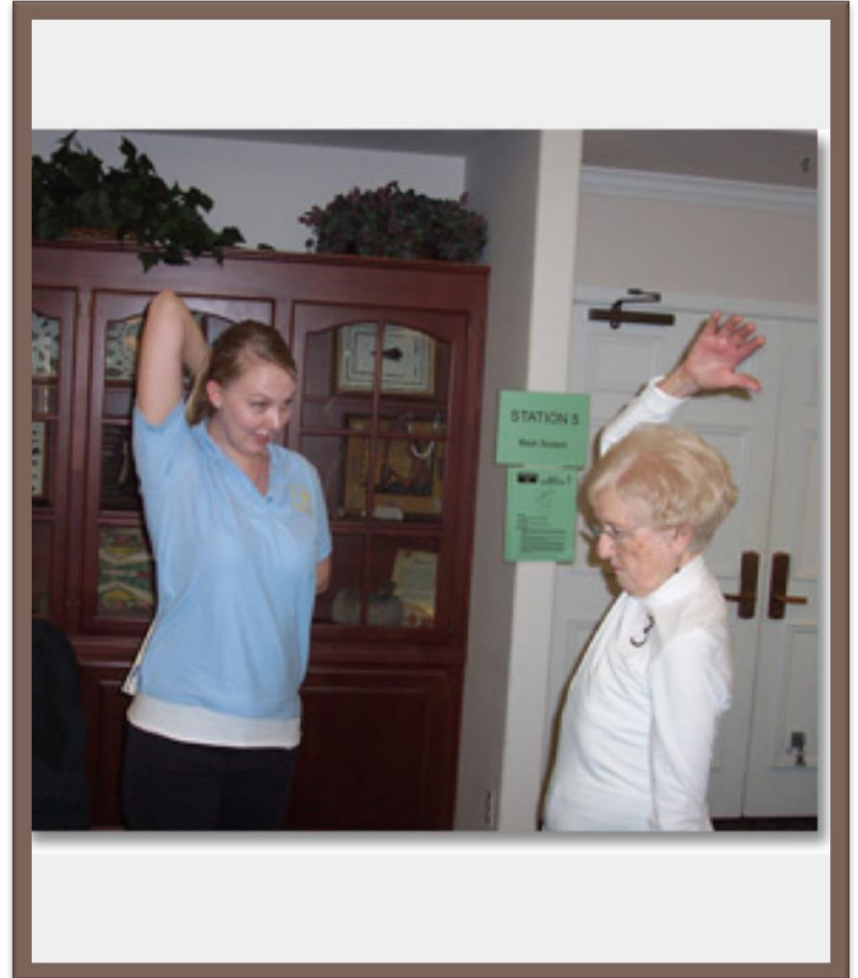
Interview



- Social/emotional attitude
- Medical History
- Current driving practice
- Preliminary estimation of adaptive equipment needs.

Physical Assessment

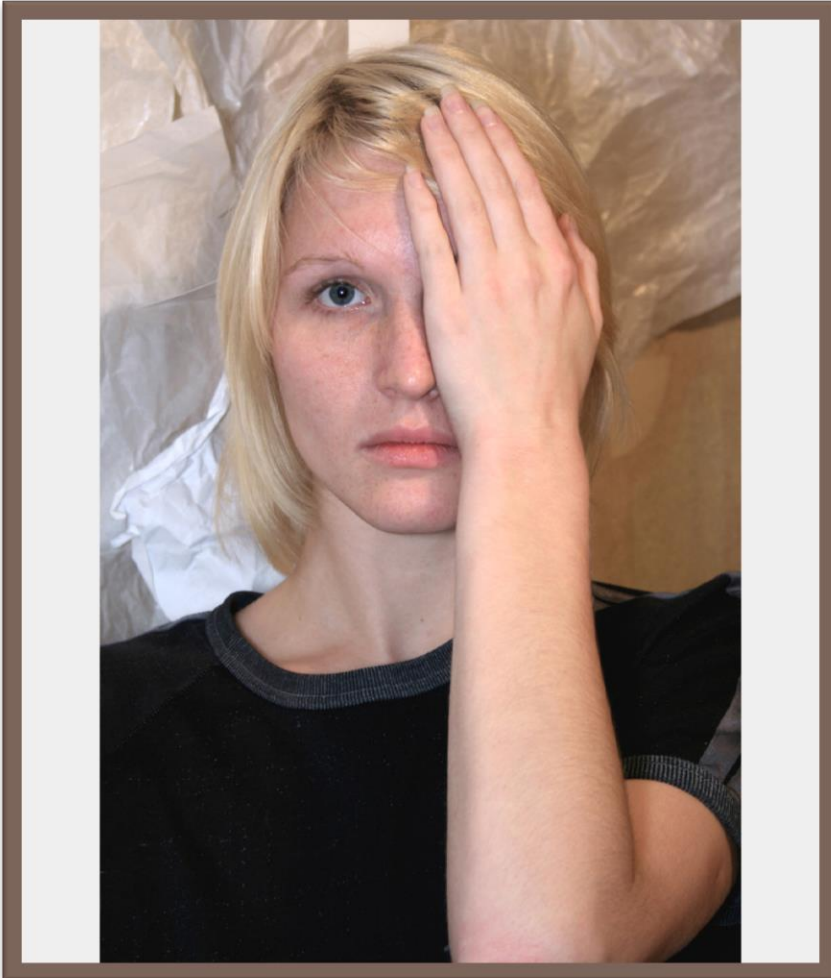
- Neck
- Arms
- Legs



Physical Assessment Tools



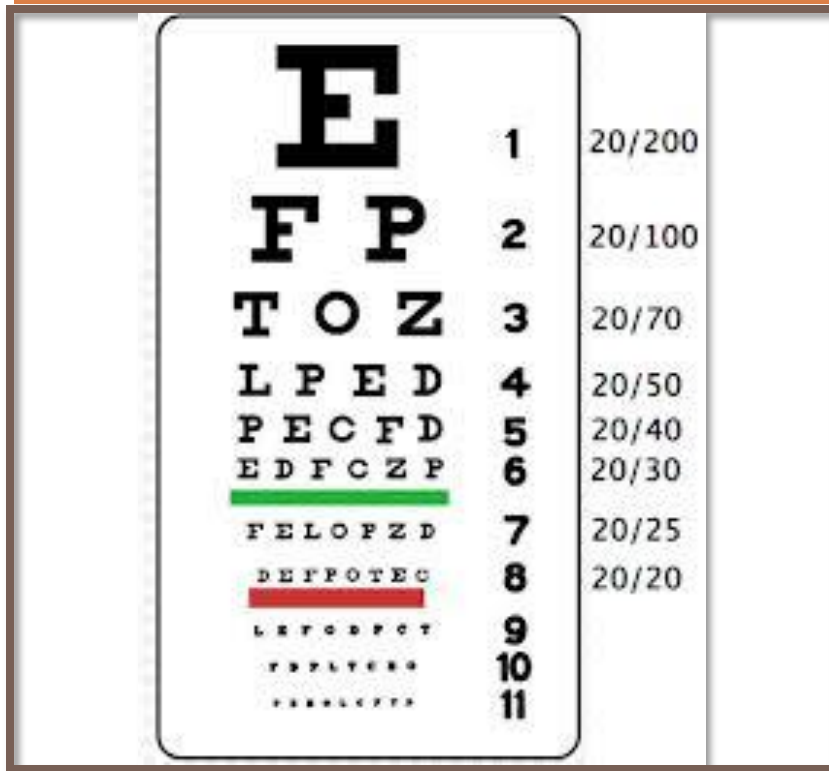
Vision Assessment



- Alignment
- ROM
- Pursuits
- Saccades
- Visual Attention
- Midline
- Peripheral
- Simultaneous Stimulation
- Convergence
- Divergence
- Vestibulo-Ocular Reflex

Visual Assessment Tools

Acuity



Optic



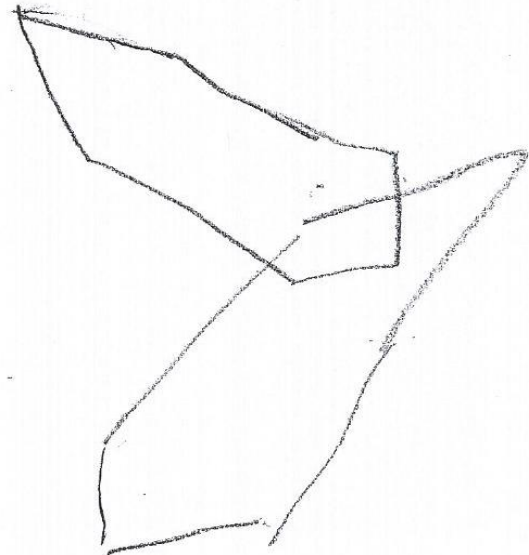
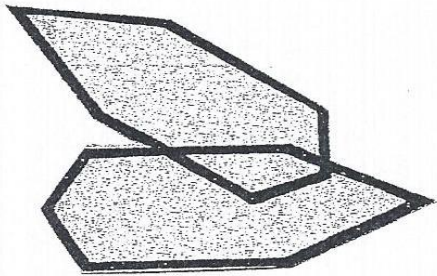
Cognitive / Perceptual Assessment

- Orientation
- Attention/Concentration
- Processing Speed
- Memory
- Problem Solving/Decision Making
- Judgment / Insight
- Driving Knowledge

Cognitive Assessment Tools

- UFOV (Useful Field of View)
- Trails A & B
- Mini Mental Status Exam
- Memory Tests- Contextual, Short Blessed, Rivermead
- Traffic Sign Recognition & Driving Situations
- Judgment Questions
- Observation

Design Copy



Post Clinical Assessment

- Summarize Concerns
- Suggest Treatment &/or Compensatory Strategies
- Provide Education
- Adaptive Equipment Recommendations
- Determine Best Type of Road Test

Clinical Evaluation Decisions

- Potential outcomes:

- **Voluntarily retire from driving**—Client is not a good candidate for road testing.
- **On Road Evaluation**

On-The-Road Evaluation



Driving Areas Assessed

- Visual Components
- Maneuvers
- Vehicle Controls
- Cognitive/Behavioral



How Bad Is Too Bad?



How To Decide?

- Severity of Deficits
- Impairments across many Performance Areas
- Level of Insight
- Ability to Remediate/Compensate for Deficits
- Prior Driving History
- Medical History: Acute vs Chronic

Decision primarily comes down to clinical judgment based on experience

Recommendations

- Continue to drive with no restrictions.
- Drive with restrictions or adaptive equipment.
 - Drivers training and re-assessment
- Retire from driving.

Data Builds A Story



Is it a personal decision?

