Recommended Reading and Resources*

Anatomy and Physiology

- principles of human musculoskeletal anatomy and kinesiology
- testing procedures for upper and lower extremity strength, range of motion, coordination, muscle tone, pain, sensation, edema and reaction time
- testing procedures for trunk and cervical range of motion, strength and muscle control
- basic human anatomy and common pathologies of the visual system
- testing procedures and equipment to assess visual system, including visual acuity, visual fields, contrast sensitivity, saccades, smooth pursuits, convergence, eye muscle balance, stereopsis and color vision
- components of cognition, including memory, attention/concentration, executive functions, perception, language and praxis
- common testing protocols and tools used to assess various aspects of cognition

Aging, Disease, Debility and Disability

- common diagnoses and pathologies seen by driver rehabilitation specialists (e.g., spinal cord injury, brain injury, stroke, limb loss, dementia, cerebral palsy, spina bifida etc.) and the common physical, visual, cognitive and behavioral sequela of these conditions
- older adult health and age related changes
- developmental disabilities and the common physical, learning, language, and behavioral sequela of these conditions

Driver Evaluation and Rehabilitation

- Stav, W. (2015). Occupational Therapy Practice Guidelines for Driving and Community Mobility for Older Adults
- components of driver education
- components of behind-the-wheel assessments
- the variety of adaptive equipment available to compensate for various physical, visual and cognitive limitations
- Driver Rehabilitation Toolkit, www.aded.net

Suggested bibliography-updated lists are found on these sites:

- Association for Driver Rehabilitation Specialists: www.aded.net
- Spectrum of Driver Rehabilitation Program Services
- CDRS Examination Preparation
- Best Practices for the Delivery of Driver Rehabilitation Services
- American Occupational Therapy Association: www.aota.org/olderdriver
- National Mobility Equipment Dealer Association, CAMS video: www.nmeda.org

*ADED does not endorse, recommend or warrant any product, link or resource. This is list not inclusive of all resources available and is provided with the intent of assisting the professional development of the healthcare professional.

Pathways for the healthcare professional