Neuropsychological Evaluation & Referral Process

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Neuropsychological Evaluation and The Referral Process

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January 15, 2024 ECHO Presentation

Neuropsychology



- Who?
- What?
- When?

- Where?
- Why?
- How?

Neuropsychology: WHO?

Education and training requirements

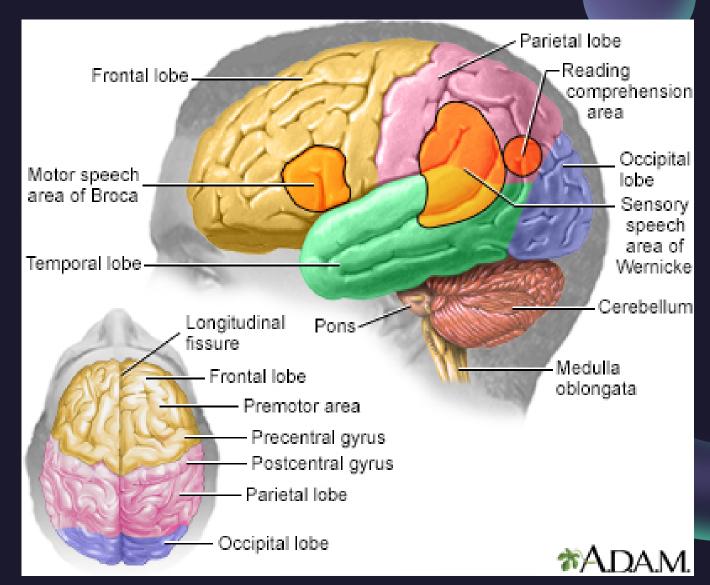
Board Certification

Neuropsychiatry& Radiology



Neuropsychology: WHAT?

The study of the relationship between behavior, emotion, and cognition as it pertains to brain function



Neuropsychology: WHAT?

Areas of functioning tested

- Mental Status
- General IQ
- Academic Achievement
- Motor/Sensory Abilities
- Verbal/Language Abilities

- Visual-spatial Processing
- Memory
- Executive Functioning
- Psychological Functioning
- Effort/Validity

Neuropsychology: WHEN?

• When assistance in differential diagnosis is needed

• When assistance in developing plans for future treatment and interventions is needed



Differential Diagnosis

- Depression
- Anxiety Disorders (including PTSD)
- Attention-Deficit Hyperactivity Disorder
- Learning Disabilities
- Chronic Pain
- Sleep Disturbances



Neuropsychology: WHERE?

Clinics/Agencies

•Private Practices

•Hospitals



Neuropsychology: WHY?

• To clarify pre-injury developmental, medical, neurological, psychiatric, substance abuse, academic, and employment histories-- and estimate their role(s) on current functioning.

• Standardized testing aids in quantification and description of deficits and provides a basis for prognosis and treatment recommendations.

Children

- Attention-Deficit/Hyperactivity Disorder
- Autism Spectrum Disorder
- Learning Disabilities
- Behavioral/Psychological Disorders
- Congenital Brain Disorders/Diseases
 - Epilepsy
 - Genetic



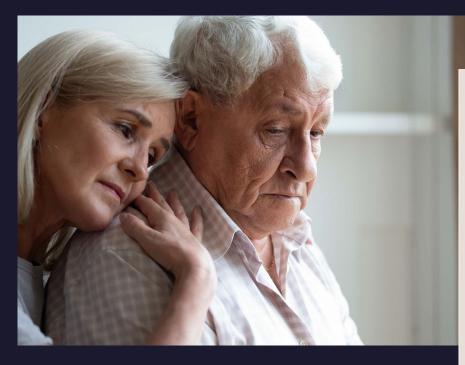
Adolescents/Young Adults

- Attention-Deficit/Hyperactivity Disorder
- Learning Disabilities
- Behavioral/Psychological Disorders
- Concussion (Traumatic Brain Injury)
- Multiple Sclerosis; Tumor; Toxic Encephalopathy; Encephalitis/Meningitis

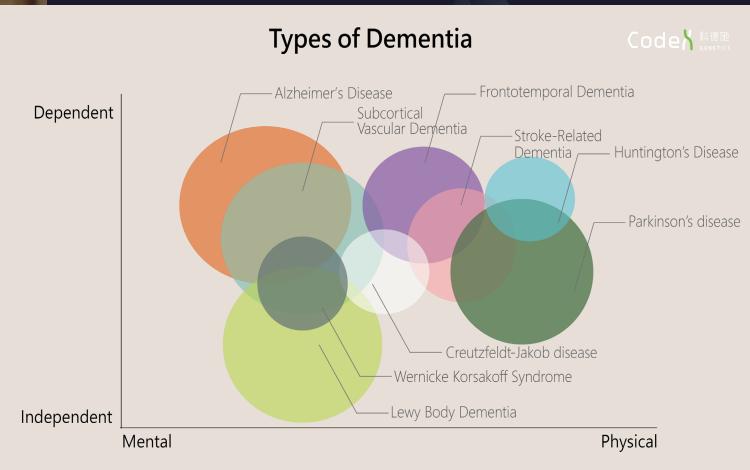


Later Life/Elderly





- Major Neurocognitive Disorder (Dementia)
- Capacity/Guardianship

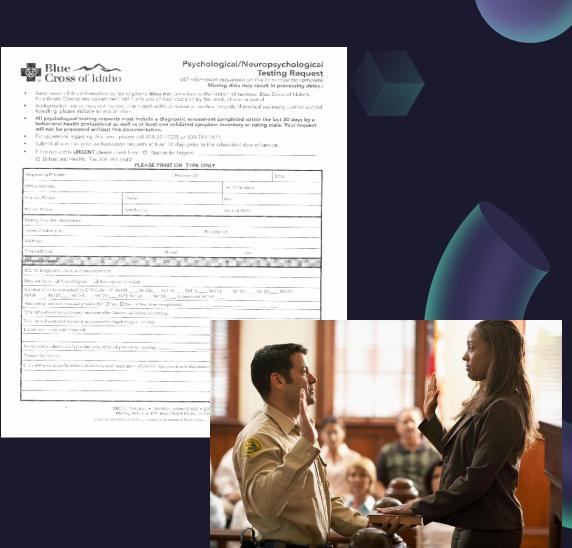


Neuropsychology: HOW?

- •Insurance
 - Pre-Authorization

Private Pay

Forensic



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