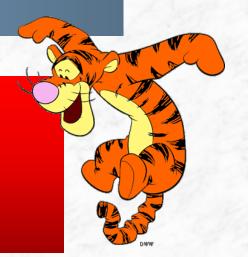
ADHD: Etiology & DX

Jodi Morstein, PhD, APRN
Associate Professor (Clinical)
Behavioral Health





















ADHD



AD/HD - Inattentive Type F 90.1

- •Fails to give close attention to details or makes careless mistakes.
- ·Has difficulty sustaining attention.
- Does not appear to listen.
- Struggles to follow through on instructions.
- T•Has difficulty with organization.
 - Avoids or dislikes tasks requiring sustained mental effort.
 - ·Loses things.
 - •Is easily distracted.
 - Is forgetful in daily activities.

AD/HD - Hyperactive/Impulsive Type F90.2

·Fidgets with hands or feet or squirms in chair.

have

·Has difficulty remaining sected

·Runs about or climbs

·Difficulty engaging in activities que

·Acts as if driven by a moto

·Talks excessively.

·Blurts out answers before q been completed.

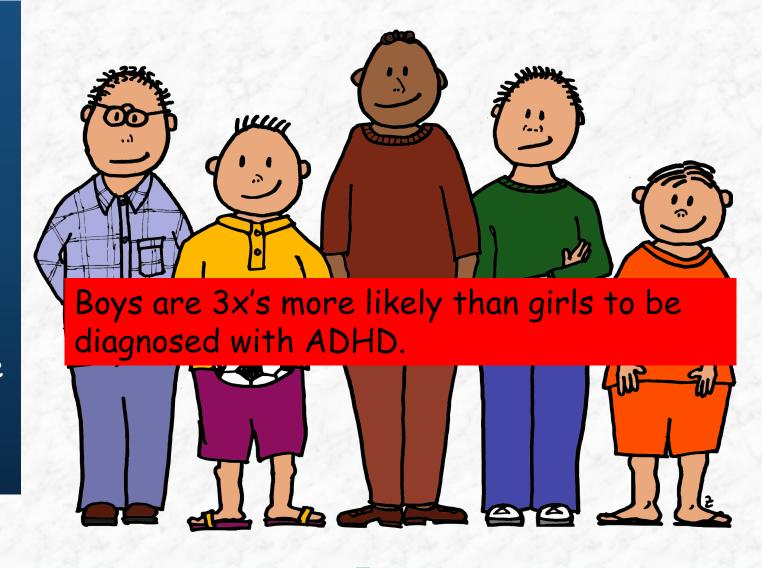
Difficulty waiting or taking to

Interrupts or intrudes upon others.

4% Girls Pre-school 8% Boys Pre-school

2-4% Girls 6-12 6-9% Boys 6-12

Hyperactivity – early Inattention – 4th-5th grade











Genetics...

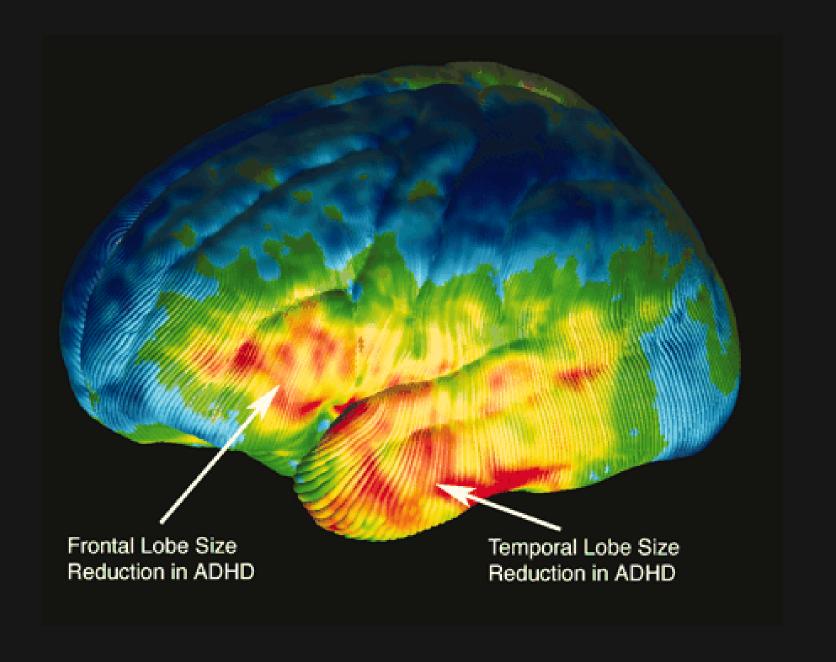
- 10-35% of immediate family members
- 32% of siblings
- If parent has ADHD -57% chance child will too
- Twin studies heritability .75-.97
- Multiple Genes











Comprehensive Assessment

- Diagnostic Checklists Mini Kid,
 Vanderbilt, Connors
- •Family History/Medical History
- •Complete Physical
- Academic Assessment
- •Formal Testing Brown Scales, WISC



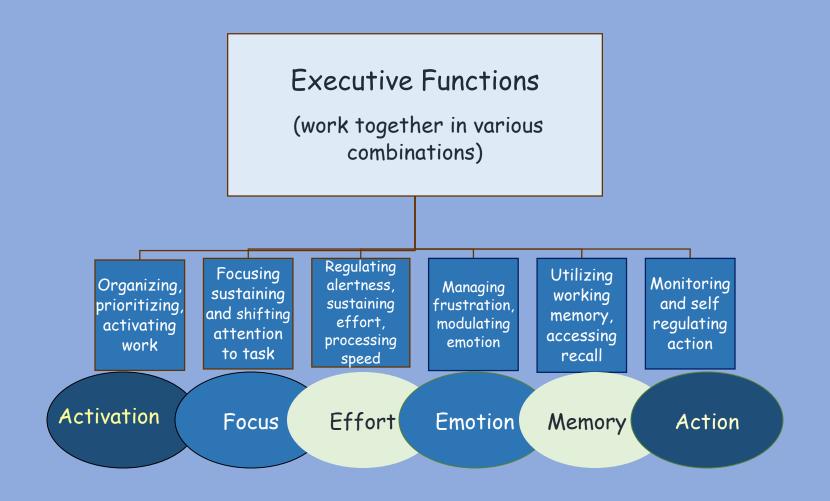


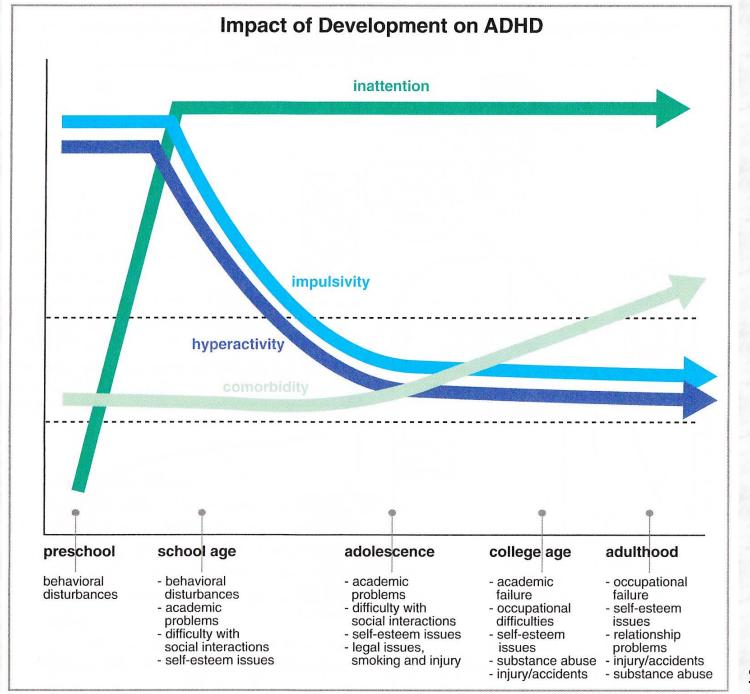




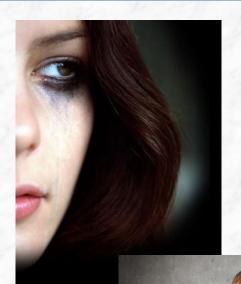








Stahl, 2008



Anxiety 34%

Depression 29%

·Bipolar?

·Tourette's 11%

•OCD 4%

•ODD 54-67%

•Conduct Disorder 22-43%





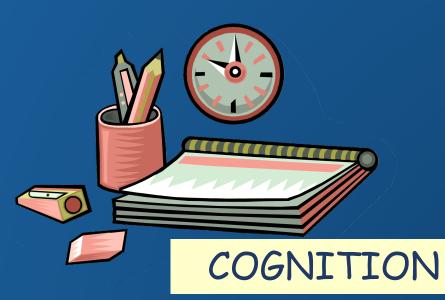








Norepinephrine









Significant Psycho-Social Treatment or Intervention for treating ADHD in over 25 years.







