

Disclosures

- I have developed tests marketed by Multi-Health Systems, Pro-Ed, Giunti Psychometrics, and Western Psychological Services.
- I have authored books published by Springer, Wiley, Guilford, Doubleday, McGraw Hill, Brookes, Kluwer, and Specialty Press.
- I am editor in chief of the *Journal of Attention Disorders* (Sage) and co-editor of the *Encyclopedia of Child Development* (Springer).
- I am the chief scientific officer for Neurotech.

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Goals for Today

- · Define and discuss rationale for treatment-informed evaluation (TIE).
- Discuss and describe an evaluation process and necessary components.
- Discuss critical issues in completing a TIE across a variety of educational and mental health settings.
- Briefly present and review assessment components.
- Begin the discussion of creating an effective treatment plan.
- Explain that diagnosis or eligibility determination is just the start, not the end, of the assessment process.

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Treatment-Informed Evaluation (TIE) *(cont.)*



- This process begins by understanding internalizing and externalizing conditions in childhood and progresses to an examination of the increasing number of diagnoses and eligibility categories that must be considered in a comprehensive assessment and the process of differential diagnosis.
- Any professional tasked with evaluating the developmental, intellectual, neuropsychological, language, emotional, motor, and/or adaptive behaviors of children must operate from a TIE framework.
- A Patterns of Strengths and Weaknesses approach is essential.
- I will briefly discuss broad- and narrow-band questionnaires, as well as intellectual, educational, and developmental assessment tools administered in face-to-face settings.

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This Presentation Is Initially About Assessment

- The tools that are most often used are those that assess for a diagnosis or determine eligibility.
- Second-tier tools are for important concepts that people are interested in (e.g., resilience, trauma, etc.). They are not directly used for diagnosis nor to determine eligibility.
- Third-tier tools are the hardest to fit into a test battery, often because of limited time. These tools offer valuable information as well but cover topics not as often of interest to the evaluator (e.g., self-concept, impairment). They too are not directly used for diagnosis nor to determine eligibility.
- However, TIE requires the utilization of all these tools to create an effective treatment plan and evaluate treatment progress.

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The Process of Assessment

 TIE assessment begins with the collection and measurement of brain-based skills responsible for thinking, learning, feeling, and behavior.



- understanding of the complex interaction of these skills with each other and with environmental factors. • Finally, TIE assessment concludes with
- etiological opinions and prescriptive interventions.

The next step involves developing an

 TIE focuses on functional limitations or impairment.

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Assessment Follows a Logical Course

- · Review of all available records.
- Completion of Parent and Teacher checklists evaluating symptoms, behaviors, executive functioning, adaptive behavior, and impairment.
- Completion of a history form by parents.
- Meeting with parents prior to seeing the child to take history and discuss checklists. Reconciling differences between multiple parent raters. At the conclusion of this meeting, preliminary hypotheses should be made.
- Classroom observation if an Individuals with Disabilities Education Improvement Act (IDEIA) or Americans with Disabilities Act (ADA) school evaluation is being completed.
- Assessment with the youth. This includes history, testing, and clinical interview.

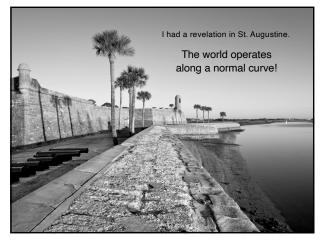
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Assessment Follows a Logical Course (cont.)

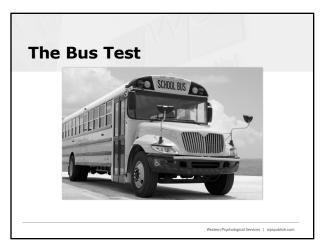


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- Educational and medical history
- Pre-vocational history (if teen)
- Personal and psychiatric history
- Nature of trauma or development
- Recent versus chronic symptom courseThe integration of historical, qualitative, and quantitative data as a
- means of testing hypotheses and prescribing intervention



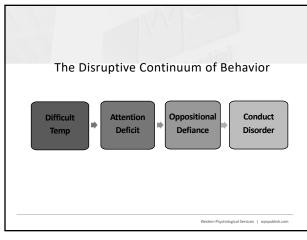




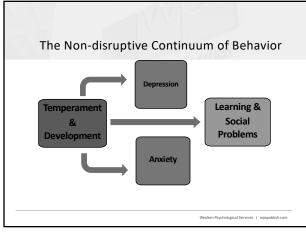
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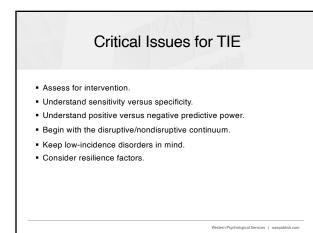
How do you see the world through the child's eyes?

Take a history.

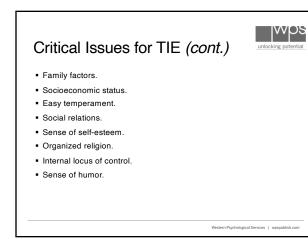
- Use well-validated assessment tools to give insight into how they function.
- Administer face-to-face tasks.
- Create a perspective through the child's eyes. Tell me what they see, feel, and do-not what you diagnose.
- Most mental health professionals rush into treatment rather than take the time to understand the person.
- Tell me about the person conceptually—not the test scores. Let's talk about holistic ways of treating the child. Not just what's wrong with them, but also what's right with them.

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Critical Issues for TIE (cont.)

Demographics.

- Symptoms versus consequences.
- · Categories versus dimensions.
- · Developmental pathways: accept a moment in time.
- There are no shortcuts.
- · Assess the environment.
- Know what you know and what you don't
- Consider common but often unrecognized genetic disorders of childhood such as Fragile X, Marfans, Turners, or Prdaer-Willi.

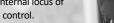
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Person Attributes Associated With Successful Coping* Affectionate, engaging temperament. Sociable. Autonomous.

Above average IQ.

- Good reading skills.
- High achievement motivation. Impulse control.

Internal locus of



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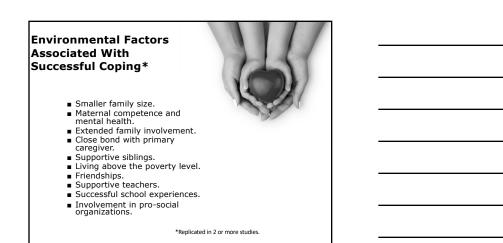
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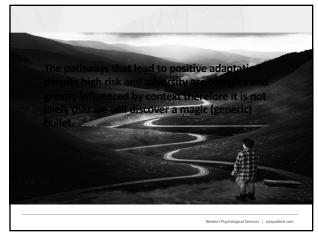
 Planning skills. Faith. Humorous.

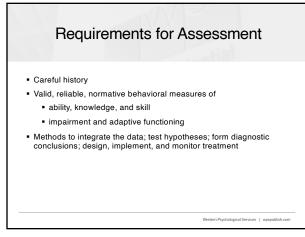
*Replicated in 2 or more studies

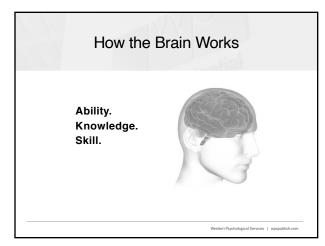
Helpfulness.

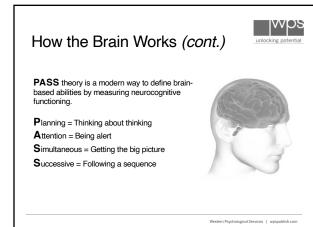
Positive self-concept.

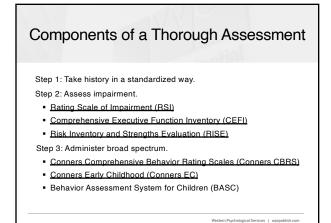


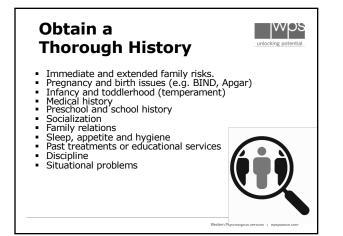












Components of a Thorough Assessment (cont.)

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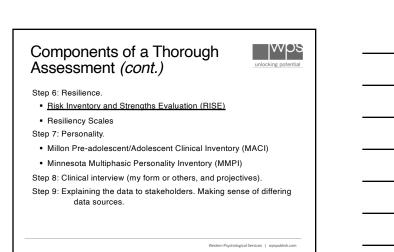
Step 4: Decide on narrow-spectrum tools. Disruptive/Nondisruptive Problems:

- Autism Spectrum Rating Scales (ASRS)
- Autism Diagnostic Interview—Revised (ADI-R)
- Social Responsiveness Scale, Second Edition (SRS-2)
- <u>Adaptive Behavior Assessment System. Third Edition (ABAS-3)</u>
 <u>Multidimensional Anxiety Scale for Children. Second Edition</u>
- (MASC-2)
 Children's Depression Inventory, Second Edition (CDI 2)
- <u>Cognitive Assessment System Teacher Questionnaire (CAS)</u>
- Obymitive Assessment Ovstenn reacher Questionnaire (OA

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Components of a Thorough Assessment (cont.) Image: Content of the system of the sy

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A Day In the Life . . .

- The first thing I do is review the reasons for assessment.
- Next, I offer a day in the life of the youth incorporating data from all sources.

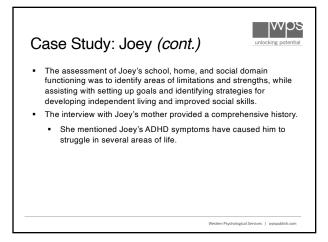
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- Then I discuss diagnosis(es) and impairment incorporating
 an ability/knowledge/skill framework.
- Then I offer components of a treatment plan designed to address compensation and remediation moving forward.

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Case Study:	Joey
 Thirteen-year-old Joey has a history of attention and social problems. He has been diagnosed with attention-deficit/hyperactivity disorder (ADHD) and is currently taking psychiatric medication. Despite the medical, psychological, and educational interventions he receives, Joey continues to struggle in school, in his interpersonal relationships, and in many related aspects of daily living. 	
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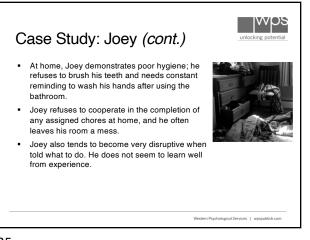
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Case Study: Joey (cont.) His mother reported that she has been unsatisfied with the effect of the medical and educational interventions that Joey has received, as he continues to struggle significantly in school. Joey appears to be advanced in some academic areas but very behind in others. He does not seek out friendships at school, nor is he sought out by peers.

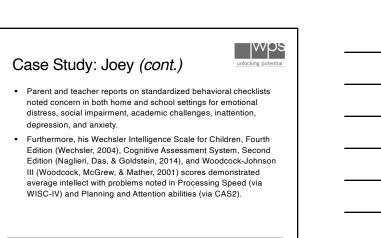
He is passive and avoids social interactions.

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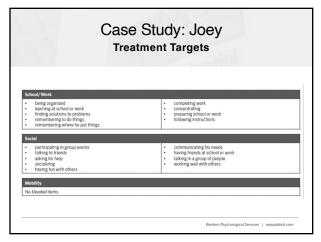
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Case Study: Joey RSI Scores						
RSI Scale Scor	es Raw Score	T-score	90% Confidence	Percentile Rank	Classification	
School/Work	42	85	77 to 86	99	Considerable Impairment	
Social	37	79	69 to 81	99	Considerable Impairment	
Mobility	2	47	42 to 53	38	No Impairment	
Domestic	33	79	69 to 81	99	Considerable Impairment	
Family	13	63	54 to 67	90	Mild Impairment	
Self-Care	24	85	68 to 85	99	Considerable Impairment	
	Total Raw Score	438				
Total Score						
Total Score	Raw Score	T-score	90% Confidence Interval	Percentile Rank	Classification	
	438	81	76 to 83	99	Considerable Impairment	
				Western Psycholog	jcal Services wpspublish.com	

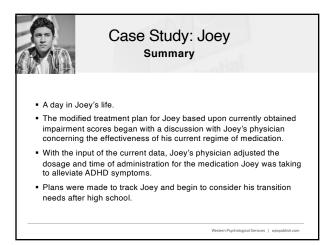
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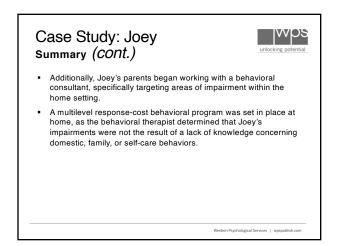




Case Study: Joey Treatment Targets (cont.)				
Domestic				
helping around the house cleaning up after himself putting clean clothes away completing choice picking up dirty clothes	cleaning his room putting things away in the house			
Family				
having fun with family participating in family activities				
Self-Care				
washing or bathing cleaning himself when dirty clean Cothes brushing his teeth feeding himself	dressing getting undressed washing his hands after using the bathroom			
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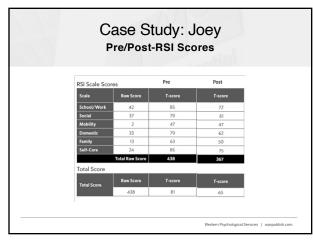
Case Study: Joey summary *(cont.)*



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- At school, Joey's Individualized Education Plan was rewritten to include specific strategies to improve efficiency of functioning within the classroom and social relations.
- The school psychologist consulted with Joey's teacher to include Joey in a social skills development group.

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