





The Mixed Blessings of Something New	
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BEMHS'

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We Are the First Congress on Defining Mental Illness (circa 1820)		
The state of the s	MMHS	
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How Shall We Understand, Define and Categorize Mental Illness?		
Categorize Wertai iiiress:		
• By etiology or cause?		
By emotions, behaviors and thoughts?		
By impaired function in activities of life?		
To be seen the second s	MMHS	
		-
]
The Assessment of Impairment		
Goals For Today: Review the conceptual basis of Impairment. Define Impairment.		
 Discuss the relationship of Impairment to symptoms and diagnoses. 		
 Review data from the largest epidemiologic sample assessing impairment in children. Review the Rating Scale of Impairment as a 		
means of assessing impairment in a comprehensive evaluation and as a treatment		
monitoring tool.	MMHS.	

MMHS'

What is the Goal of a	a Comprehensive
Evaluation?	

- Identify and define symptoms?
- Identify and define strengths and weaknesses?
- Appreciate the relationship of a set of symptoms to a unitary condition?
- Meet eligibility criteria?
- Define limits of functional impairment to set a baseline for intervention?

RSI MARINE

BIMHS



Why is the assessment of impairment critical to a comprehensive evaluation?

MMHS'

Why is direct observation (e.g. FuBA) so critical for school based assessment?

RSI MARKET

An exhaustive review of the literature demonstrates	
that the relationship between symptoms and functioning remains unexpectedly weak and often	
bidirectional (McKnight and Kashdan, 2009).	
Need	
 Clinicians are required to demonstrate the impact psychological and psychiatric diagnoses have on 	
children and adults. • There is a clear need to measure "impairment" when	
using the IDEIA, Diagnostic and Statistical Manual of the American Psychiatric Association (DSM) or the	
International Classification of Diseases (ICD) as a guide to eligibility determination and/or diagnosis.	
• The need to measure impairment is increasing.	
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Given trends demonstrating an increased incidence	
of mental health and physical symptoms across the population (Castle, Aubert, Verbrugge, Khalid, &	
Epstein, 2007), it is not unexpected that there is an increasing need to demonstrate functional	
impairment as part of a diagnostic process for medical, mental health and even educational	
conditions.	

Understanding impairment is by far the most		
important and greatest challenge facing medical,		
educational, and mental health care providers today.		-
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R5 ()	MMHS.	
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BACKGROUND & INTRODUCTION		
B51 (272-272)	MMHS.	
Questions in Need of Answers to Define		
Impairment • There is still no consistent agreement on even the simplest		
nomenclature issues about impairment (Rapee, et al., 2012).		
 As researchers advocate for an expanding appreciation and understanding of impairment in the diagnostic process, progress in clinical practice is slow (Rapee, et al., 2012). 		
For example, the DSM-5 Impairment and Disability Assessment Stud		
Group recommended that impairment be viewed as a consequence a disorder rather than a requisite feature of the disorder itself and that clinical criteria alone should not be used to determine threshold		
for diagnosis (DSM-5 Impairment Disability Assessment Group, 2011).	

	What Doe	s it Mean	"to Be	Impaired"?
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- To be impaired means to be unable to perform whatever daily activities are required.
- But exactly how does impairment relate to symptom count and severity of a specific condition?
- How do symptoms and impairments contribute to disability, handicap and deficits in adaptive functioning?
- What variables within the family, community and broader culture may insulate or contribute to impairment.
- Is impairment an end point or a stop along the way to recovery?

RSI tetatakan

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What Does it Mean "to Be Impaired"?

- Some symptoms in an algorithm model are more potent than others in predicting impairment (Vera, et al., 2010).
- At certain ages, gender may differentially affect the expression of some symptoms and the severity of functional impairment
- Impairment is also very clearly not appreciated on a linear continuum (Baillargeon and Bernier, 2010).

RSI MARKA

ВEМН

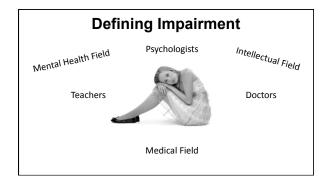
What Does it Mean "to Be Impaired"?

- The relationship of a particular condition to levels of impairment is also not evenly distributed across a bell curve.
- Youth of minority status or parents with limited socioeconomic status may experience much greater severity of impairment despite symptoms that are equal to youth in other social classes (Baillargeon and Bernier, 2010).
- Complicating matters further, is the fact that certain conditions may cause more or less impairment in certain settings. This suggests that context and rater may play a significant role in severity of impairment reported (Watabe, et al., 2014).

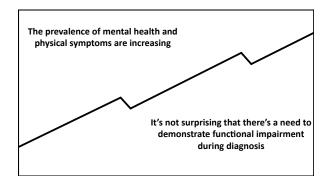
RSI MARKETA

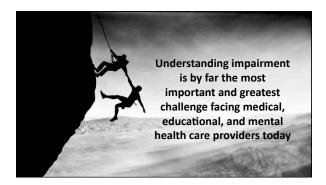
The term impairment is used differently by medical, mental health and educational professionals.











How shall we define:		
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Symptoms?Severity?		
• Situation?		
Adaptive behavior?		
• Disorder?		
Disability?Impairment		
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D. C		
Defining Impairment		
 Webster's New College Dictionary (2008) defines the 		
word impair as "the state or fact of being impaired," which means to be weakened or damaged based on the		
Latin word <i>pejor</i> meaning worse.		
• To be impaired means to be unable to perform whatever		
daily activities are required.		
Impairment has been defined by the AMA as "any Impairment has been defined by the AMA as "any Impairment has been defined by the AMA as "any Impairment has been defined by the AMA as "any Impairment has been defined by the AMA as "any		
physical, mental or behavioral disorder that interferes with the ability to engage safely in any life activity.		
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Symptoms		
• Manifestation of durfunction		
Manifestation of dysfunctionComplaint		
Presence or absence of a behavior		
• Difficulty		
Reflects a condition		
Observation		
RSI (COLOR)	MMHS°	<u> </u>

SYMPTOMS VS. IMPAIRMENT	7
Impairment is not the same as symptoms	
☐ Symptoms are physical, cognitive or behavioral manifestations of a disorder.	
☐ Impairments are the functional consequences of these symptoms .	-
	-
Difficulty completing homework (Barkley, 2014)	
(Eardey, AUA)	<u>- </u>
	_
SYMPTOMS VS. IMPAIRMENT	
Impairment can exist absent of formal diagnosis. (Balazs et al., 2013; Wille et al., 2008)	
In one study 14.2% of a sample of children were significantly impaired without a formal diagnosis.	
(Angold et al., 1999)	
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	7
Severity	
Severity	
Degree Intensity	
Perception	
Frequency Suffering	
Duration	
DSI IPPARATA	20

Situation

- Context
- Instance
- Set of demands
- Moment to moment experience
- Setting

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Adaptive Behavior

- Socially acceptable
- Ability to adjust
- Function
- Functional skill
- Quality of thinking
- Goal directed behavior
- Logic
- Knowing how to

RSI MARK



IMP	AIRN	/FNT	VS	ADAP	TIVE	BFH4	VIOR

A skill deficit occurs when a person does not know how to perform an everyday task, whereas a deficit in performance occurs when an individual has acquired a skill, yet does not seem to use it when needed.

(Ditterline & Oakland, 2009)

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IMPAIRMENT VS. ADAPTIVE BEHAVIOR

Thus, while measures of adaptive behavior emphasize the presence of adaptive skills in daily functioning, measures of functional impairment tend to emphasize the outcome of a behavior or the performance of an individual rather than the presence or absence of the skill.

Ditterline & Oakland (2009); Dumas et al. 2010); Gleason & Coster (2012)

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BEMHS

Adaptive Behavior vs. Impairment Skill vs. Performance Do you ACTUALLY do it? to do it?

Adaptive Behavior vs. Impairment







IMPAIRMENT VS. ADAPTIVE BEHAVIOR

- Adaptive behavior is a collection of social, practical and conceptual knowledge needed for daily functioning.
- \bullet Main difference is between ${\bf knowledge}$ and ${\bf performance.}$
- Adaptive behavior is often linked with intellectual disability.
- RSI validity studies find minimal relation with intellectual ability.









Not using fork to eat

MMHS°

Disorder

- A political phenomenon
- A collection of symptoms
- A deviation from the norm
- A disease
- A group of symptoms that significantly impairs functioning
- A subjective condition
- A collection of objective signs

Disability

- A perceived inability to perform daily functions
- Persistent
- Legislated
- Sociopolitical
- Mental, physical or emotional
- Cultural

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MMHS



Impairment

- Loss of function
- Specific
- Temporary or permanent
- Midpoint or step towards disability
- Requires accommodations

RSI MARIE

Conceptual Basis of Impairment

- In Western medicine, the medical model guides diagnosis and treatment in all aspects of medicine, mental health, and to some extent, education.
- The purpose of this model is to identify treatments for diagnoses based on evidence of specific symptoms assumed to suggest problems inherent within one or more organs of the body.
- The medical model has driven research and theory about physical and mental health problems on the basis of causation, symptom relief, and cure and in many cases has been quite successful (e.g., tuberculosis, measles, etc.).

RSI Marian

MHS

Conceptual Basis of Impairment

- As the fields of medicine, psychology and education have evolved, interest in the degree of impairment an individual may experience in a given situation, regardless of diagnosis, has increased.
- A recent Google search revealed thousands of relevant books and scientific articles addressing impairments caused secondary to physical, mental health and educational conditions.



Conceptual Basis of Impairment

- The American Psychiatric Association in the new DSM-5 (APA, 2013) very heavily emphasizes the role of impairment over and above symptom presentation.
- However, the issue of disability has been complicated and often confused with the severity of a particular condition. There is no doubt that there is a positive correlation between the severity of a condition and consequent disability or impairment but many studies have demonstrated that the relationship is not particularly robust.
- The term "functional impairment" is a concept that easily equates with disability in the World Health Organization's International Classification of Functioning, Disability and Health (WHO, 2001).

Conceptual Basis of Impairment	_
 Findings suggest that the lives of individuals who do not meet specific symptom criteria may be just as impaired and disrupted as the lives of individuals who meet various criteria. 	
 Many who may meet symptom count for a specific diagnosis may not be significantly impaired. 	_
 It is therefore not surprising that in a previous revision of the American Psychiatric Association's Diagnostic and Statistical Manual of Mental Disorders, Fourth Edition, Text Revision (APA, 2000) a requirement of significant impairment was noted in more than 70% of the disorders listed as a criterion for diagnosis (Lehman, Alexopoulous, Goldman, Jeste, & Üstün, 2002). This requirement has continued in the new DSM-5 (APA, 2013). 	_
MMHS'	

Impairment

Impairment can be viewed as the outcome of a risk factor such as a psychological disorder interacting with other variables manifested by a constellation of measurable behaviors.

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BEMH:

How is impairment defined?

- $\bullet \ \ \text{The medical community?}$
- The educational community?
- The mental health community?
- The vocational community?
- The AAMR?
- WHO?

RSI

Impairment has been defined by the AMA as "any physical, mental or behavioral	
disorder" that interferes with the ability to	
engage safely in daily activities.	
Child with a Disability	
IDEIA defines this term as follows:	
• (a) General. (1) Child with a disability means a child evaluated in accordance	
with §§300.304 through 300.311 as having an intellectual disability**, a hearing impairment (including deafness), a speech or language impairment,	
a visual impairment (including blindness), a serious emotional disturbance (referred to in this part as "emotional disturbance"), an orthopedic impairment, autism, traumatic brain injury, an other health impairment, a	
specific learning disability, deaf-blindness, or multiple disabilities, and who, by reason thereof, needs special education and related services.	
 (2)(i) Subject to paragraph (a)(2)(ii) of this section, if it is determined, through an appropriate evaluation under §§300.304 through 300.311, that a 	
child has one of the disabilities identified in paragraph (a)(1) of this section, but only needs a related service and not special education, the child is not a	
child with a disability under this part.	
	1
Americans With Disabilities Act	
January 05, 2012 ADA Regulations: What is a Mental Impairment? How can you be sure you're meeting ADA regulations for workers with mental	-
conditions? Medically speaking, the term "mental illness" describes a plethora of mental and emotional disorders ranging from mild anxiety to more serious	
conditions that significantly interfere with major life activities such as learning, working, and simply communicating with others. Legally speaking, "mental illness"	
isn't quite as easy to define, yet under the <u>ADA</u> , employers are expected to reasonably accommodate employees who fall into this ambiguous category.	

Vocational Impairment	
The individual has a significant vocational impairment; that is, a significant impairment of the ability to prepare for, obtain, or keep	
employment in an occupation consistent with his or her abilities, aptitudes, and interests, considering the factors described in §21.50 and	
paragraph (b) of this section. §21.52	
www.benefits.va.gov//s21_5 United States Department of Veterans Affairs ~	
	\neg
The DSM-5 not only did not change this	
process but completely omitted any	
organized means of evaluating impairment!	
F	
Global Assessment Of Functioning	
3	
 Despite research suggesting that the GAF was valid and reliable (Pedersena and Karteruda, 2012), it was dropped from the DSM-5 	
reportedly for several reasons, including a lack of conceptual clarity and suggestions of questionable psychometrics (Canino,	
Fisher, Alegria and Bird, 2013). Instead, the authors of the DSM-5 suggest that the World Health	
Organization Disability Assessment Schedule (WHODAS) be included in the DSM-5 "for further study" (pg. 16).	
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Symptoms vs. Impairment



vs.



Inattentior

Difficulty completing homework

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Assessing Impairment in the Eligibility Process



Global Assessment of Functioning (GAF) Scale



Global Assessment of Functioning (GAF) Scale



Individuals with Disabilities Act Revised as IDEIA in 2004

BEMHS'



Sam Goldstein, PhD Board Certified Neuropsychologist Certified School Psychologist Neurology Learning and Behavior Center, Utah www.samgoldstein.com



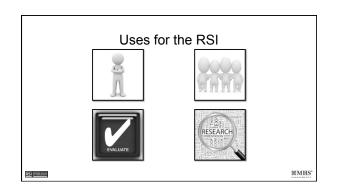
Jack A. Naglieri, PhD Research Professor Curry School of Education, University of Virginia www.jacknaglieri.com



MMHS.

Fast completion time Age-appropriate items Assess youth ages 5 to 18 years Large representative normative sample Assess impairment clearly regardless of educational classification or diagnosis

Available in Spanish Monitor progress across time Satisfies the impairment criteria of DSM-5 and IDEIA Multiple raters for a more accurate assessment Assist in forming intervention and treatment planning Aligned with World Health Organization's domains of functioning.



User Qualifications

- To administer the RSI, practitioners must have B-level qualifications
- B-level qualifications require, at a minimum, that graduatelevel courses in testing and measurement at a university or have received equivalent documented training

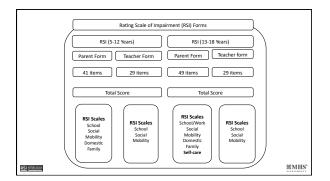
RSI

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Structure of the RSI

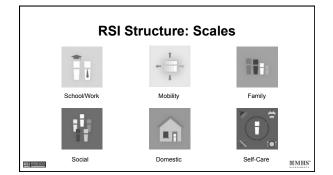
RSI MARK

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		es for T-Scores	nigher levels of impairment
	nigilei	r-scores on the KSI mulcating i	igner levels of impairment.
	T-score	Percentile Ranks	Classification
	<60	1-82	No Impairment
	60-64	84-92	Mild Impairment
	65-69	93-97	Moderate Impairment
	<u>></u> 70	98-99	Considerable Impairment
RSI M	**************************************		MM
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	DOLG		
	KSI S	Scales & De	escriptions
RSI #	**********		M M
		Directions of	n the DCI
		Directions (ni uie Koi
	's Name/ID: RUCTIONS: Read each	statement that follows the phrase. "Dur	rag ng the past four weeks, how often has your child,"
then c	circle the letter under th	he word that tells how often you saw the	behavior. Read each question carefully, then mark how estion without skipping any. If you want to change your wer every question.
answe	er, put an X through it a	nd circle your new choice. Be sure to ans	
			week the constituent the way then

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Standardization, Reliability & Validity

RSI transita

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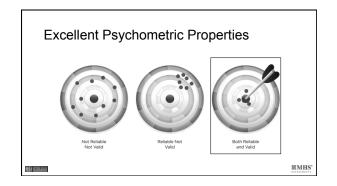
Standardization Sample

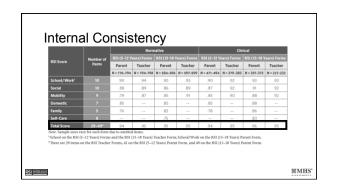
- Data collection took place from September 2012 to August 2014
- Data was collected in all 50 states
- Over 8,000 ratings were completed across the 4 RSI forms

Parent RSI 5-12 Years Form	Teacher RSI 5-12 Years Form	Parent RSI 13-18 Years Form	Teacher RSI 13-18 Years Form	Normative Sample
800	800	600	600	2,800

RSI MANAGAM







Standard Error of Measurement

	RSI (5-12 Y	ears) Forms	RSI (13-18 Years) Forms		
RSI Score	Parent				
	N = 776-794	N = 794-798	N = 584-596	N = 597-599	
School/Work ¹	3.12	2.42	3.13	2.53	
Social	3.52	3.31	3.72	3.27	
Mobility	4.59	3.47	3.88	2.92	
Domestic	3.92		3.86		
Family	4.87		4.26		
Self-Care			4.95		
Total Score	2.40	2.33	2.23	2.27	

1 School on the RSI (5-12 Years) Forms and the RSI (13-18 Years) Teacher Form; School/Work on the RSI (13-18 Years) Parent Form

RSI MINISTRA

BEMHS

Test-Retest Reliability

- Assessed over a 2- to 4-week interval and within a general population sample
- Total Score corrected r = .89 to .96
- RSI Scales corrected r = .85 to .97



RSI MARIKA

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Stability

84% to 99.3% of the difference between Time 1 and Time 2 fell with in +/- 10 T-score points

RSI MARIE

Inter-Rater	Consistency
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- Looked at agreement between 2 parents or 2 teachers rating the same child
- Parent Raters:
 - RSI Scales corrected r = .65 to .87
 RSI Total Score corrected r = .87
- Teacher Raters
 - RSI Scales corrected r = .56 to .59
 RSI Total Score corrected r = .77

RSI MINIMA

Content Validity

	Reflects impairment in acquiring or	had trouble completing work?	Education	
School/Work ¹	applying knowledge at school and/ or work.	had difficulty solving problems?	Learning and Applying Knowledg	
	Indicates impairment when	asked for help when needed?	Communication	
Social	interacting and communicating with others.	enjoyed being with others?	Interpersonal Interactions and	
Family ²	Indicates impairment when	shared his/her feelings with a family member?	Relationships	
	interacting with family.	had fun with his/her family?	Community, Social, and Civic	
	Describes impairment when	had trouble bending over?	Mobility	
Mobility	physically moving, such as running and kneeling.	had difficulty running?		
	Reflects impairment in the ability to	cleaned his/her room?	Domestic	
Domestic ²	complete chores and help around the house.	left dirty clothes on the floor?		
Self-Care ³	Describes impairment in the ability to care for oneself, such as feeding.	washed his/her hands after using the bathroom?	Self-Care	
Sell-Care [*]	dressing, and hygiene.	had difficulty feeding himself/ herself?	Self-Care	

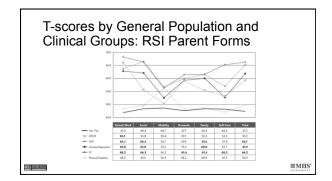
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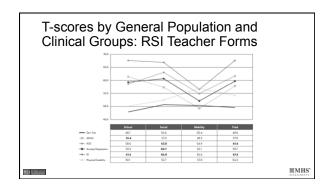
Criterion-Related Validity

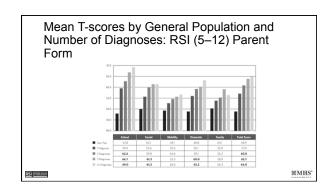
- Will look at differences between mean score differences by clinical groups
- This includes the following areas:

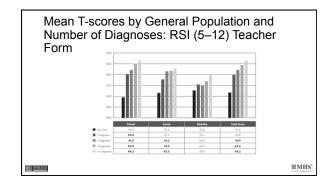
 - Primary diagnosis
 Number of diagnoses

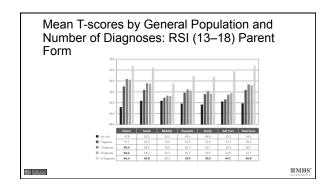
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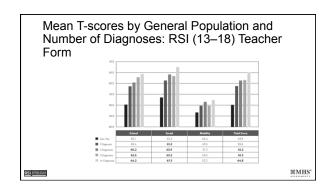










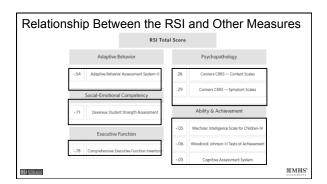


ls the RSI r	measuring unique va	ariance?	
WISC IV FS			
CAS FS	07 04		
WJ III Achievement Clinician Rating	03 .34		
Cillician Nating	.34		-
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Add .		MMHS	
Is the RSI r	measuring unique va	ariance?	
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CGAS	.41		
Conners	.23		
Conners	.29		
ABAS	52		
DESSA	71		
CEFI	78		
WISC IV	07		
CAS	04		
WJ III	03		
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	·		
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is the RSI i	measuring unique va	ariance?	
Conners		1	
Conners			
	Parent 24		
5-12	Parent .24		
5-12 5 -12	Teacher .19		
5-12 5-12 13-16	Teacher .19 Parent .22		
5-12 5-12	Teacher .19		

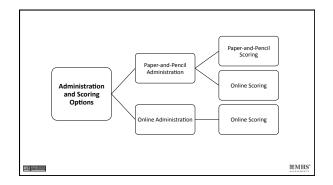
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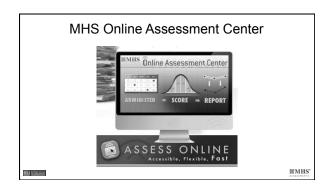
Is the RSI measuring unique variance?	
is the Normeasuring unique variance:	
	-
ABAS	-
ABAS	
5 - 12 Parent45	
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13 -16 Teacher57	
RSI MANAGE	HS'
	_
le the DCI measuring unique verience?	
Is the RSI measuring unique variance?	
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5 - 12 Parent .65	
5 - 12 Teacher ,77	
RSI MODIFICATION	HS'
Is the RSI measuring unique variance?	
3 : 1 : 2 : 3	
CEFI	
5 - 12 Parent .80	
5 - 12 Teacher .76	
5 - 12 Teacher .76 13 - 16 Parent .84	-
5 - 12 Teacher .76	

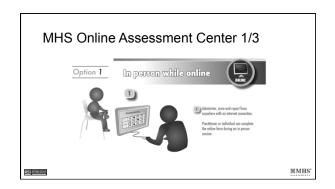
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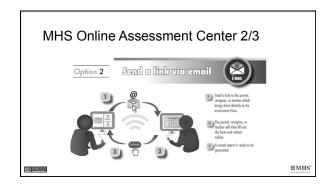


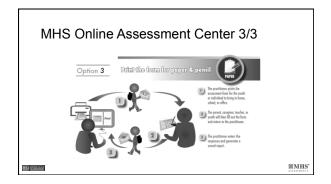
Administration, Scoring, & Interpretation



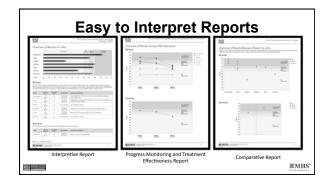


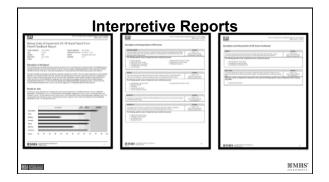


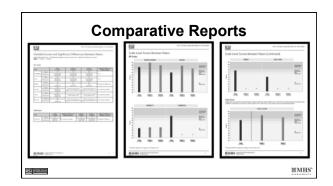


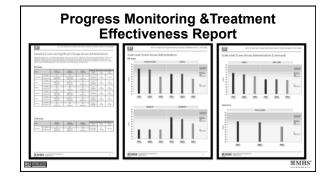












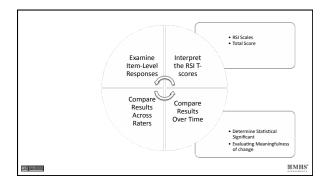
RSI Interpretation

RSI MANAGE

MMHS

T-score	Percentile Ranks	Classification
<60	1-82	No Impairment
60-64	84-92	Mild Impairment
65-69	93-97	Moderate Impairment
<u>></u> 70	98-99	Considerable Impairment

RSI MARIE



Case Study: Joey



REMHS

Joey

- 13 years old
- History of ADHD
- Described as extremely literal
- Misses social cues
- Socially isolated
- Referred to the school psychologist



BEMHS

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Joey: Assessment Plan

- Interviews with Joey's mother
- Complete the RSI and behavior checklists
- Administer neurological, intellectual, and achievement tests



RSI tetatukan

BEMHS

Results of the Interview

- Joey's mother has not been satisfied with the effect of medical and educational intervention
- Joey appears to be advanced in some academic areas, but very behind in others
- Joey is passive and avoids social interactions
- At home, he demonstrates poor hygiene
- Refuses to complete household chores
- Joey displays disruptive behavior



ВIMН

Assessment Results

- Concerns in both home and school settings for emotional distress, social impairment, academic challenges, inattention, depression, and anxiety
- Achievement scores demonstrated average intellect with problems noted in Processing Speed, Planning, and Attention
- When assessed for reading, math, and written language, Joey was placed several grades below his current placement.



MMHS

RSI or measured

Results of the Parent RSI Scale Raw Score T-score 90% Confidence Interval Percentile Rank Classification Rank School/Work 42 85 77 to 86 99 Considerable Impair Social 37 79 69 to 81 99 Considerable Impair

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 Score	438	81	76 to 83	99	Considerable Impairment

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Treatment Plan	for Joey	
Areas of impairment as	School/Work being organised learning at school or work finding solutions to proteins remembering to do things remembering to do things remembering where he gut things	complaining work concentrating preserving school or work tollowing extractoris
noted by Joey's Parent	Social - participating in group events - tailing to friends - asking for help - socialing - having fair with others	communicating his needs busing binded at action of work taking in a group oppole working and with actions working and with actions
	Mobility No Elevated Items Domentics	
	heiging around the house cleaning up after himself putting clean-clothes away completing chores picking up-dirty clothes	cleaning his room putling things way in the house
	Family • having fun with family • participating in family activities Self-Care	
Town Local	Soil Come washing or bathing cleaning himself when dirty washing clean clatters brashing his tests feeding himself feeding himself	getting directed getting underexed washing this hands after using the bathroom

Intervention Planning for Joey

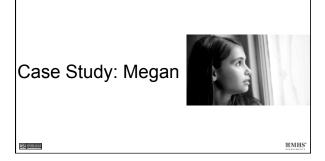
- Adjustments to medication dosage and administration time
- Parents worked with a behavioral consultant
 Implemented a multi-level response cost behavioral program
- Revisions to Joe's IEP
- School psychologist worked with Joey in a social skills group



RSI MALISAN

Scale		Administration 1	Administration 2	Significant Change Across Administrations
School/Work	T-score Classification	85 Considerable Impairment	72 Considerable Impairment	Decrease
Social	T-score Classification	79 Considerable Impairment	61 Mild Impairment	Decrease
Mobility	T-scere Classification	47 No Impairment	47 No Impairment	No Change
Domestic	T-score Classification	79 Considerable Impairment	62 Mild impairment	Decrease
Family	T-score Classification	63 Mid Impairment	50 No impairment	Decrease
Self-Care	T-score Classification	85 Considerable Impairment	75 Considerable Impairment	No Change
Total Score				
Scale		Administration 1	Administration 2	Significant Change Across Administrations





Megan

- 11 years old
- History of ASD, OCD, ADHD, and Anxiety disorders
- Treated with multiple psychiatric medications
- Impairments in the home and school settings



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Megan: Assessment Plan

- Interviews with Megan's parents and her teacher
- Complete the RSI and behavior checklists
- Administer neurological, intellectual, and achievement tests



RSI MARKAN

BEMHS'

Results of the Parent Interview

- \bullet Megan is the second of four children
- Megan was a difficult child.
- She receives special education service
- She has difficulty concentrating and following instructions, is often very disorganized, and loses her belongings.
- She is also very uncooperative at home
- Megan displays a range of disruptive and non-disruptive behaviors



RSI SATURASA

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Results of the Teacher Interview

 Megan's teachers have also noted a number of areas of impairment



RSI MARKAN

BSMH:

Assessment Results

- Megan scored lower on the working memory domain of the WISC-IV and Planning and Successive Scales of the CAS2.
- CAS2.

 Parent and teacher reports for behavior characteristic of executive functioning assessed with the Comprehensive Executive Function Inventory (CEFI; Naglieri & Goldstein, 2013) noted symptoms as well, particularly with behaviors related to attention, organization, planning, and selfmonitoring.



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BEMHS'

Results of the RSI

| Fame |

Scale Favot Teacher Springer Delween Belween School School Consolidation Considerable Impairment Mild Impairment Not Complete Opening Consolidation Considerable Impairment Mild Impairment

RSI MARKIKAN

™MHS*

Treatment Plan for Megan Areas of impairment as noted by Megan's parents and teachers

Intervention Planning for Megan

- Megan qualified for an individual aid at school
- school

 Megan's family referred for in-home behavioral therapy

 Megan began working with a cognitive therapist on a weekly basis

 A response cost point system was implemented at school

 No changes were made to Megan's medication regimen



Megan's Treatment Progress: Parent Renort

Scale		Administration 1	Administration 2	Significant Change Acros Administrations	
School	T-score	85	58	Decrease	
307004	Classification	Considerable Impairment	No Impairment	Decrease	
Social	T-score	68	58		
Social	Classification	Moderate Impairment	No Impairment	Decrease	
Mobility	T-score	45	45	No Change	
Michiely	Classification	No Impairment	No Impairment	No Change	
Domestic	T-score	74	72	No Change	
DOMESTIC	Classification	Considerable Impairment	Considerable Impairment	No Change	
Family	T-score	66	66	No Change	
rammy	Classification	Moderate Impairment	Moderate Impairment	No Change	

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Megan's Treatment Progress: Teacher Report

RSI Scales				
Scale		Administration 1	Administration 2	Significant Change Across Administrations
School	T-score	71	58	Decrease
	Classification	Considerable Impairment	No Impairment	
Social	T-score	62	58	No Change
	Classification	Mild Impairment	No Impairment	
Mobility	T-score	49	44	No Change
	Classification	No Impairment	No Impairment	
otal Score				
Scale		Administration 1	Administration 2	Significant Change Across Administrations
Total Score	T-score	64	54	Decrease
	Classification	Mild Impairment	No Impairment	- Courcese

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Conclusions

- Impairment can be defined and measured in children.
- Functional impairment can be accurately measured with the Rating Scale of Impairment.
- The RSI offers the first valid, reliable comprehensive measure of daily functional challenges within a factor analyzed framework built on the WHODAS categories.
- Assessment of and treatment monitoring of impairment offers an important advance in assessment.

RSI MANAGAM

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RSI BATING SCALE		
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