# ASRS®

From renowned authors:



**Autism Spectrum Rating Scales®** 

Compare multi-rater results at the item level with a nationally standardized ASD rating scale.





### About the ASRS®

The **Autism Spectrum Rating Scales**<sup>®</sup> is a multi-informant measure designed to identify symptoms, behaviors, and associated features of Autism Spectrum Disorder (ASD) in children and adolescents aged 2 to 18 years.



- Assists in the diagnostic process
- Guides the development of intervention and treatment strategies
- Monitors response to intervention and treatment effectiveness

#### Quick Reference

**Age** 2–18

Number of Items Ages 2–5: 70 items Ages 6–18: 71 items Short Form (Ages 2–18): 15 items

Administration Type Parent-completed Teacher-completed

Administration Time 20 minutes Short Form: 5 minutes

**Translations**Spanish

**Qualification Level** B-level

Format(s)

Online (administration and scoring) Paper (Quikscore) form is also available for administration and scoring

Available on:

MHS )
ONLINE
ASSESSMENT CENTER+

#### **FEATURES**

- First nationally-standardized, norm referenced ASD Rating Scale
- Easy administration, scoring, and results interpretation
- Excellent reliability and validity
- Short version can be used for screening or treatment monitoring
- Spanish version available
- Items assess DSM-5 symptom criteria for ASD
- Option to score children with limited verbal abilities

#### **ABOUT THE AUTHORS**



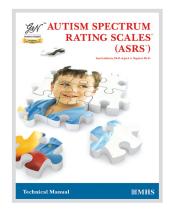
**Sam Goldstein, PhD.** is an Adjunct Assistant Professor at the University of Utah School of Medicine. He is Clinical Director of the Neurology Learning and Behavior Center. The Center conducts evaluations, consultation and provides treatment services to 300 individuals and families each year. Dr. Goldstein has authored over fifty trade and science texts as well as over three dozen science based book chapters and thirty peer reviewed research articles.



**Jack A. Naglieri, PhD.** is a Research Professor at the University of Virginia, Senior Research Scientist at the Devereux Center for Resilient Children, and Emeritus Professor of Psychology at George Mason University. With J.P. Das, he is well known for the PASS theory of intelligence and its application using the Cognitive Assessment System and Cognitive Assessment System-Second Edition.

#### **Autism Spectrum Rating Scales®**

As the recognition and prevalence of Autism Spectrum Disorder (ASD) continue to increase, there is a much greater need for a scientifically validated tool to support practitioners with assessment of ASD. The **Autism Spectrum Rating Scales® (ASRS®)** offers a multi-informant assessment of behaviors associated with ASD in youth ages 2-18 years and is intended for use by psychologists, school psychologists, clinical social workers, physicians, counselors, psychiatric workers, and pediatric/psychiatric nurses.



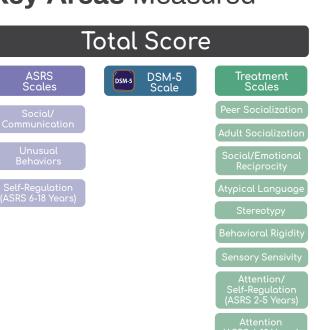


#### Why Choose the ASRS?

From renowned authors
Sam Goldstein, Ph.D., and
Jack A. Naglieri, Ph.D., the
ASRS is a norm-referenced,
easy-to-use assessment
that identifies the symptoms, behaviors, and associated features of ASD, even in individuals with no or limited verbal abilities. When used in combination with other assessment information, results from the ASRS can help guide your:

- diagnostic decisions
- treatment planning and effectiveness evaluation
- ongoing monitoring of response to intervention

#### **Key Areas** Measured



#### **Normative Data**

The ASRS was standardized on 2,560 cases from across the United States. The standardization sample included 320 parent and 320 teacher ratings for the ASRS (2–5 Years), in addition to 960 parent and 960 teacher ratings for the ASRS (6-18 Years). The normative samples also included ratings of youth with a clinical diagnosis of Autism, Speech/Language Impairments, Developmental Delay, Emotional Disturbance and Attention-Deficit/Hyperactivity Disorder (ADHD).

#### Reliability

**Internal Consistency** refers to the extent to which all items on the same scale consistently or reliably measure the same content, and is commonly assessed by an examination of Cronbach's alpha statistic (Cronbach, 1951). The ASRS scales were found to demonstrate high levels of internal consistency, ranging from .70 to .98 across the scales on all the forms.

Test-Retest Reliability refers to the stability of test scores when an assessment is administered twice for the same youth by the same rater over a specified period of time. Test-retest reliability for the ASRS scales were computed over a 2- to 4-week interval using Pearson's r. Overall, the results indicate excellent test-retest reliability, with values ranging from .70 to .93 across the scales on all the forms.

#### **Validity**

Discriminative Validity pertains to an instrument's ability to distinguish between relevant participant groups. Overall, results suggest that scores on the ASRS can accurately distinguish general population groups from clinical groups, as well as differentiate between various clinical groups, with the mean overall correct

classification rate of 90.4% on the ASRS (2-5 years) and 90.1% on

the ASRS (6-18 years).

Convergent Validity is established if results from the measure of interest are correlated in a meaningful way with results from other measures designed to assess similar constructs. In an attempt to provide evidence for the convergent validity of the ASRS, a sample of parents and teachers completed the ASRS forms along with the Gilliam Autism Rating Scale Second Edition (GARS-2), the Gilliam Asperger's Disorder Scale (GADS) and the Cognitive Assessment System (CAS). In addition, clinicians completed the Childhood Autism Rating Scale (CARS). The results revealed the expected pattern of correlation between the ASRS and these measures, providing strong evidence of the convergent validity of the ASRS.

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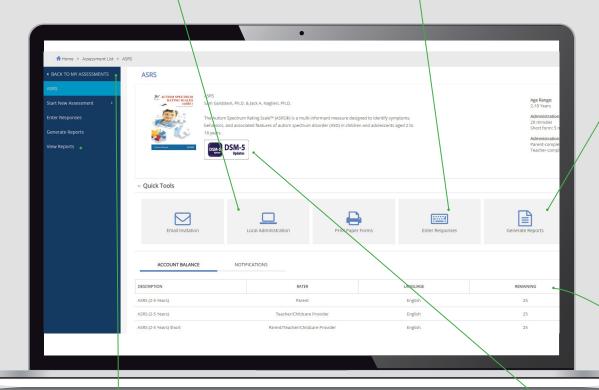
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