Specialized Screening Tools for Infants and Toddlers

Autism Diagnostic Observation Schedule

- **Purpose:** To Evaluate individuals suspected of having characteristics similar to Autism and other diagnoses along the Pervasive Developmental (PDD) spectrum.
- **Age Range:** Toddlers to Adults
- **Contains:** 4 Modules
- **Time to Administer:** Each module requiring just 35 to 40 minutes
- **Uses Standardized materials.**

Autism Screening Instrument for Educational Planning Second Edition (ASIEP-2)

- **Published:** 1978 to 1993
- **Purpose:** A comprehensive list of screening tools and sub-tests which all screen or evaluate Autistic features in children and adults.
- **5 Sub-tests:** Autism Behavior Checklist, The Sample of Vocal Behavior, The Interaction assessment, the educational assessment, and the prognosis of learning rate.
- **Age Range:** 18 months to 49 years.
- **Uses standardized materials and age referenced materials. Also utilizes curriculum-based and criterion referenced materials.**

Autism Screening Questionnaire/Social Communication Questionnaire (SCQ)

- **Published:** Formally ASQ, recently reformatted in 1999
- **Purpose:** To screen for Autism and
- **Age Range:** 4 to adult
- **Contains:**
- **Time to Administer:**
- **Zero to Three Caution:** The SCQ has primarily been tested with older children (six years and above) and with parents who had already received a full ADI-R. Therefore, results with a younger population or with parents less familiar with these kinds of questions may be less clear.
- **Uses standardized and age referenced materials.**
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**Behavior Rating Instrument for Autistic and other atypical children (BRIAC)**

- **Purpose:** Assesses seven scales of development for Autistic children
- **Age Range:** Autistic children of all ages.
- **Contains:** Seven scales measuring the following areas: Relationship to an adult; Communication; Drive for Mastery; Vocalization and Expressive Speech; Sound and Sound Reception; Social Responsiveness; and Psychobiological Development.
  - Two additional scales assess non-vocal communication for children who use manual communication due to vocal and/or hearing deficits.
- **Uses Standardized materials.**

**Checklist for Autism in Toddlers (CHAT)**

- **Published:** 1992
- **Purpose:** To Screen toddlers at risk for social and communication disorders
- **Age Range:** 18 months and above
- **Contains:** Parent Report and Observation items. Toddlers are scored using pretend play, following a point; proto-declarative pointing; pretending and producing a point.
- **Time to Administer:** 5-10 min.
- **Uses Standardized pass or fail ratings.**

**Childhood Autism Rating Scale Standardized (CARS)**

- **Published:** 1998
- **Purpose:** This Scale helps to identify children with Autism and to distinguish them from developmentally disabled children without diagnoses of Autism. It also distinguishes mid-to-moderate from severe autism.
- **Age Range:** Suitable for use with any child over 2 years of age.
- **Contains:** This Scale includes a 15 item behavior-rating scale.
- **Time to Administer:** 5 to 10 minutes.
- **Uses Criterion or cut scores as its norms.**

**Computerized FAS Facial Photographic Screening Tool**

- **Purpose:** Identifies 3 facial features of FAS: small eyes, smooth philtrum and a thin upper lip.
- **Sensitivity:** 100%
- **Specificity:** 99.8%
- **Predictive Value Positive:** 83.3%
- **Predictive Value Negative:** 100%
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Devereux Early Childhood Assessment Program (DECA)

- **Published:** 1998
- **Purpose:** To identify children who may be at risk for low attachment, self control, initiative, and may struggle with behavior. Also assesses classroom strategies as well as effective professional practice with families.
- **Age Range:** 24 months and above, however, birth to three edition is currently pending.
- **Contains:** Contains four separate Scales
- **Time to Administer:**
- **Spanish version available.**
- **Uses Standardized ratings and age referenced materials.**

Early and Periodic Screening, Diagnostic, and Treatment (EPSDT)

- Statewide implementation: 1995
- Two mutually supportive, operation components: assuring the availability and accessibility and accessibility of required health care resources; and helping Medicaid recipients and their parents or guardians effectively use these resources.
- Must include the following services:
  - screening services: comprehensive health and developmental history, comprehensive unclothed physical exam, appropriate immunizations, laboratory tests, health education, vision services, dental services, hearing services, and other necessary health care.
    - Diagnosis
    - Treatment
    - Lead poisoning prevention
- State Medicaid Agency Required activities:
  - Inform all Medicaid – eligible persons under 21 that EPSDT services are available;
  - set distinct periodicity schedules for screening, dental, vision, and hearing services;
  - report EPSDT performance information annually.
- EPSDT mandated treatment services:
  - Vision care
  - Hearing care
  - Dental care
  - Podiatrist services
  - Optometrist services
  - Chiropractor services
  - Physician services
  - Medical and remedial care
  - Home health services
  - Private duty nursing services
  - Clinic services furnished under physician direction
  - Nursing facility services
  - Inpatient hospital care
  - Outpatient hospital care
  - Personal care services
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Early and Periodic Screening, Diagnostic, and Treatment (EPSDT) Continued

- Transportation
- Case management
- Hospice care
- Preventive services
- Federally qualified health center and rural health clinic services
- Family planning services
- Laboratory and x-ray services
- Emergency hospital services
- Rehabilitation services
- Intermediate care facilities
- Intermediate care facilities services for the mentally retarded

- Impatient psychiatric services
  - Christian science nurses/sanatoria
  - Physical therapy and related services
  - Occupational therapy
  - Speech and language care
  - Prescribed drugs, dentures, and prostheses
  - Nurse midwife services
  - Respiratory care
  - Certified pediatric and family nurse practitioner services
  - Community supported living arrangements for persons with developmental disabilities
  - Other diagnostic, screening, preventative, and medical or remedial services

The FAS Screen: A Rapid Screening Tool for Fetal Alcohol Syndrome

- **Purpose:** Designed for use in a community setting and in the clinical setting by both paraprofessional and medically trained personnel.
- **Age Range:** 4 to 18 Years.
- **Contains:** Includes screening items for growth impairment, neuralgic dysfunction and facial features, mental retardation, common behavioral signs present in diagnosed cases of FAS.
- **Needed Training:** 4 hours
- **Time to Administer:** 10 to 15 Minutes.
- **Specificity:** 94.1%: did not have sufficient signs to be diagnosed with FAS.
- **Positive predictive value:** 9.1%

Gilliam Autism Rating Scale (GARS)

- **Published:** 1995
- **Age Range:** 3 to 22 years of age.
- **Administration:** Administered by teacher, teacher’s aide, or parent to a group of children.
- **Time to Administer:** 5 to 10 minutes
- **Consists:** Behavioral Checklist with 4 sub-scales consisting of Stereotyped
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Gilliam Autism Rating Scale (GARS) CONTINUED

- Behaviors, Communication, Social Interaction, & Developmental Disturbances
  - Scores: Stereotyped Behaviors, Communication, Social Interaction, Developmental, and Autism Quotient
  - Uses Standardized scores and Norm-referenced materials.

Modified Checklist for Autism in Toddlers (M-CHAT)

- Age Range: 18 to 24 Months
- Purpose: Modified from the original CHAT from the UK for sensitivity for American children.
- Contains: 23 yes/no questions aimed at screening for autistic spectrum disorders.
- Uses Standardized age referenced materials.

Parent Interviews for Autism (PIA)

- A set of structured questions regarding the child’s developmental progress. PIA’s are often used in conjunction with other observational tools to evaluate the child fully.