Handout I: Components of a Comprehensive Evaluation for ASD

When ASD is suspected during ASD screening or surveillance:

- Schedule audiologic evaluation
- Refer for comprehensive ASD evaluation
- Refer for early intervention/early education services
- Schedule follow-up visit

- Detailed history from primary caregiver
- Medical history
  - Developmental history
  - Behavioral history
  - Family history
- Physical examination
  - Growth parameters, head circumference
  - General examination with special attention to skin and neurological findings
  - Inspection for any dysmorphic features
- Observation of child
  - Social interaction, response to name, joint attention
  - Play skills
  - Use of language
  - Presence of atypical behaviors or stereotypes
- Developmental/psychometric testing
- Speech/language testing
- Determination of categorical ASD diagnosis using DSM criteria and a standardized tool
  - Autism Observation Diagnostic Schedule, Second Edition (ADOS-2)
  - Autism Diagnostic Interview-Revised (ADI-R)
- Assessment of family’s knowledge regarding ASD, coping skills, resources, and supports
- Medical/genetic workup as indicated by clinical picture
  - High-resolution chromosomes
  - Array CGH
  - Fragile X testing
  - Rett syndrome/MECP2 testing in girls
  - Additional tests to consider include: PTEN gene analysis, EEG, metabolic studies, neuroimaging