Flowchart for Developmental-Behavioral Surveillance & Screening (0 to 6 years) in Medical Home Settings

Enhancing the algorithm for developmental-behavioral surveillance and screening in children 0 to 5 years. Clinical Pediatrics [50]9, 853-868, adapted by permission.

1. Elicit & Address Parents’ & Other Caregivers’ Concerns (k)

2. Gather & Maintain a Dev-Behav. History (milestone/skill monitoring) (a,b,c)
   Any specific problem pattern that would suggest a disorder?

3. Identify Biological & Environmental Dev-Behav. Risk & Protective Factors (d)


5. Promotion of Developmental & Behavioral Wellness (e)
   Literacy (eg, ROR), strength-based, positive parenting/ resiliency counseling

   Does the AAP recommend
   Or is the child "at risk" per a screening at this WCV?
   clinical judgment or surveillance?

   Y

   6. Interpret or Administer/Interpret Screen(s) & Discuss with Parents
   (6a) Even if screen is (-) or (+/-), is there an underlying condition with
   (6b) Suspected disorder like ASD
   a "high probability" of a delay? per surveillance and/or (+) screen(s)?

   Y

   N

7. Refer to IDEA (EI/ECSE) & Beneficial Community Programs (eg, Head Start)
   If yes for (6b), consider referral for multi-specialty team dev-behav. evaluation.

8. Document Process & Findings
   & share key findings with referral source(s)

9. Referral Care Coordination (f)

10. Respond to Concerning Screen(s) or Surveillance with Supplemental Screens and/or Medical Tests

11. Review Referral Feedback Reports & Recommendations
    while Tracking IDEA (EI/ECSE) Eligibility Status

   Developmental-behavioral
   Eligible for IDEA

   disorder identified?
   (EI/ECSE) services?

   Y

   N

   Coordinate referral to community program (g) &
   schedule return visit

12. Monitor Progress & Need for Additional Services after Initiating
    Chronic Condition Management for Special Health Care Needs

   Circle back to top. Surveillance is a flexible, longitudinal, continuous & cumulative
   process where the sequence of these steps can vary or occur simultaneously.

AAP Screening Recommendations:

(a) General (broad-band) developmental screen routinely at 9, 18 & 24 or 30 mo,
   plus at 4 years to measure "kindergarten readiness", plus as needed if at risk for a
devitional delay

(b) SE screen routinely at 5 years,
   plus as needed if at risk for SE problem

(c) Autism-specific screen routinely at 18 & 24 mo, plus as needed if at risk
   for ASD

(d) Consider family psychosocial screen (e.g., 0 to 1 mo or
   at the initial visit),
   plus routinely employ a maternal mood disorder screen
   in the first year (eg, 2, 4 and/or 6 mo)

Other Key Recommendations

(e) Evidence-based interventions are recommended for
   component 5, which is flexible &
   can occur before & after component 6.

(f) A system-wide program with
   centralized care coordination or a
   practice-based integrative
   model of care
   (eg, colocation with
   developmental or
   mental health specialists)
is recommended.

Legend

Box = process or action step
Diamond = decision
Y = yes
N = no
(+) = concerning
(+/-) = borderline
(-) = typical
AAP = American Academy of Pediatrics
ASD = Autism Spectrum Disorder
ECSE = early childhood special education
EI = early intervention
IDEA = Individuals with Disabilities Education Act
SE = social-emotional
RO = Reach Out & Read
WCV = well-child visit