Update to Pediatric Preventive Care

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October 11, 2015 UNECOM Kyla Scarponi, DO, FAAP

Disclosure

CS

I have no actual or potential conflict of interest in relation to this program or presentation

Objectives



- To provide the tools and references for various pediatric screenings.
- To promote a forum for providers to share office procedures and tools for preventive care.

Well-Child Care

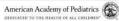
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- Well care is one of the hallmarks of a family-centered medical home

- Allows time for sharing information that is pertinent to child's well being

2015 Recommendations

- Remphasizes continuity of care and comprehensive health supervision
- [™] Not exclusive
- **Recommendations**
- Published as a Policy Statement in the journal PEDIATRICS Volume 136, number 3, September 2015



2015 Recommendations for Preventive Pediatric Health Care

Bright Futures/American Academy of Pediatrics

These guidelines represent a consensus by the American Academy of Pediatrics (AAP) and Bright Futures. The AAP continues to emphasize the great importance of continuity of care in comprehensive health supervision and the need to avoid fragmentation of care.

Refer to the specific guidance by age as listed in Bright Futures guidelines (Hagan JF, Shaw JS, Duncan PM, eds. Bright Futures Guidelines for Health Supervision of Infants, Children **Bright Futures**.

The recommendations in this statement do not indicate an exclusive course of treatment or standard of medical care. Variations, taking into account individual circumstances, may be

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| ELOPMENTAL/BEHAVIORAL ASSESSMENT | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ĺ |
| Developmental Screening ⁶ | | | | | | | | | | | | 0 | • | | | | | 0 | | | | | | | | | | | | | | i |
| Autism Screening ¹⁰ | | | | | | | | | | | • | • | | | | | - | | | | | | | | | | | | | | | ĺ |
| Developmental Surveillance | | | | | | | | | | • | | • | | | • | • | | • | | | | | • | • | | | | | | | • | ١ |
| Psychosocial/Behavioral Assessment | | | | • | | | | | • | | • | | • | | | • | | • | • | • | | | | | | | | | | | • | |
| Alcohol and Drug Use Assessment ¹¹ | | | | | | | | | | | | | | | | | | | | | | * | * | * | * | * | * | * | * | * | * | ١ |
| Depression Screening ¹² | | 1 | | | | | | | | | | | | | | | | 3 | 1 8 | | | • | • | • | | | | | | | • | i |
| PHYSICAL EXAMINATION ¹³ | | | | | | | | • | • | • | • | • | • | | • | • | | • | • | • | • | | • | • | | | | | • | | • | - |
| PROCEDURES** | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | ľ |
| Newborn Blood Screening ¹⁸ | | + | | _ | - | | | | | | | | | | | | | | | | | | | | | | | | | | | i |
| Critical Congenital Heart Defect Screening ¹⁶ | | | | | | | | | 8 | - | in a | | | | | | | | | | | | | | | | | | | | | i |
| Immunization ¹⁷ | | | | | | | | | • | | | | | | | | | | | | | | | | | | | | | | | 4 |
| Hematocrit or Hemoglobin ⁵⁶ | | | | | | * | | | • | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | * | i |
| Lead Screening ¹⁶ | | | | | | | * | * | ● or ★20 | | * | ● or ★20 | | * | * | * | * | | | | | | | - | | | 15 | | | | | ŕ |
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| Cervical Dysplasia Screening ²⁴ | | | | | | | | | 2 | | | | | | | | | | | | | | | | | | | | | | - | 1 |
| ORAL HEALTH | | | | | | | * | * | • or * | | • or * | • or * | • or * | | | | | | | | | | | | | | | | | | | ĺ |
| Fluoride Varnish ²⁶ | | | | | | | + | 100 | - 41 " | | - | - 4 - | | | | - | - | | | | | | | | | | | | | | | f |
| ANTICIPATORY GUIDANCE | _ | | | • | | | | | | | | | | | | | | | • | | | | • | • | | • | | | | • | • | |

1. If a child comes under care for the first time at any point on the schedule or if any items are not accomplished at the suggested age, the schedule should be brought up to date at the earliest possible time.

Each child and family is unique; therefore, these Recommendations for Preventive Pediatric Health Care are

designed for the care of children who are receiving competent parenting, have no manifestations of any

important health problems, and are growing and developing in satisfactory fashion. Additional visits may become necessary if circumstances suggest variations from normal.

Developmental psychosocial, and chronic disease issues for children and adolescents may require

- A prevallal visit is recommended for parents who are all high risk, for frat-firms parents, and for those who request a conference. The prevallal visit about include anticipatory guidance, partners medical leistury, and a counsacro of benefits of breastleeding and planned method of bending, per the 2009 AMP distance The Permetal Visit (http://piclainion.asppointainion.asppointer/VISIAM-VISITIAN).
- 3. Every infant should have a newborn evaluation after birth, and breastfeeding should be encouraged (and instruction and support should be offered). 4. Every infant should have an evaluation within 3 to 5 days of birth and within 48 to 72 hours after discharge from the hospital to include evaluation for Entry resist should not an extraction when it is still possible to intend the still not be compared to the control of the still possible to the still
- Screen, per the 2007 AAP statement "Expert Committee Recommendations Reparding the Prevention, Assessment, and Treatment of Child and Assessment Overweight and Obesity. Summary Report" (<u>Philipsophiatrics aspositios for exploration or philipsophiatrics and the philipsophiatrics.
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 (http://pediatrics.aspositioators.org/content/12017185.full).

- 11. A recommended screening tool is available at: http://www.ceases-boston.org/CRAFF (Index.ptp.
 12. Recommended screening using the Prister Health Questionnaire (PHIQ) or other book available in the GLAD-PC boold and all both Williams and principal control of the Control of
- (http://www.hnsa.gov/advisorycommittees/inchibadvisorythen/labled/sordens/recommendedpane/Juniformscreeningpane/spdf), as determined by the Secretary's Advisory Committee on Heritable Disorders in Newborns and Children and state newborn screening laws/regulations (http://genesi-
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- Prevention statement Turn used Lead Exposure National Control of the Prevention Statement Turn used Lead Exposure National Control of the Prevention Statement Turn used Lead Exposure National Control of the Prevention Statement Control of the Prevention Statement Control of the Prevention Control of the

- 21. Tuberculouis betting per recommendations of the Committee on Infectious Diseases, published in the current edition of AAP Red Book. Ripport of the Committee on Infectious Diseases. Testing should be performed on encopilion of high-risk latens.

 25. See AAP enchanced 2011 globines have the National Heart Blood and Lung Institute. Interpretal Globines for Confidence and Res Residence of 1th globines from the National Heart Blood and Lung Institute. Interpretal Globines from Confidence and Res Residence of 1th general Confidence and Addressmant (high-risk happen) and the Confidence and Residence and Addressmant (high-risk happen) and the Confidence and Addressmant (high-risk happen) and the State State (high-risk happen) and the State (high-risk
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- See US Preventive Services Task Force recommendations (<u>http://www.uscreenfiseservicestalsforce.org/sectfugesdoch.html</u>). Once teeth are present, fluoride variable may be agoled to all dishfere every 3 to 6 months in the primary care or detail office. Indications for fluoride use are noted in the 2014 AAP chical report "Fluoride Use in Custes Prevention in the Primary Care or detail office. Indications for fluoride use are noted in the 2014 AAP chical report "Fluoride Use in Custes Prevention in the Primary Care Setting" (http://podaletca.aappoblications.org/spii/de/1011/0142/pode/2014-1014).

American Academy of Pediatrics Pediatrics 2015;136:e727e729

* = risk assessment to be performed with appropriate action to follow, if positive



KEY • = to be performed

Schedule

CS

http://www.aap.org/en-us/professionalresources/practicesupport/Periodicity/Periodicity%20Schedule_FINAL .pdf

Summary of Changes Made to the 2015 Bright Futures/AAP Recommendations for Preventive Pediatric Health Care (Periodicity Schedule)

This schedule reflects changes approved in May 2015 and published in September 2015. For updates, visit www.aap.org/periodicityschedule

Changes Made May 2015

 Oral Health- a subheading has been added for fluoride varnish, with a recommendation from 6 months through 5 years.

Changes Made March 2014

Changes to Developmental/Behavioral Assessment

- Alcohol and Drug Use Assessment- information regarding a recommended screening tool (CRAFFT) was added.
- Depression- screening for depression at ages 11 through 21 has been added, along with suggested screening tools.

Changes to Procedures

- Dyslipidemia screening- an additional screening between 9 and 11 years of age has been added. The reference has been updated to the AAP-endorsed National Heart Blood and Lung Institute policy (http://www.nhibi.nih.gov/guidelines/cvd_ped/index.htm).
- Hematocrit or hemoglobin- a risk assessment has been added at 15 and 30 months. The reference has been updated to the current AAP policy (http://pediatrics.aappublications.org/content/126/5/1040.full).
- STI/HIV screening- a screen for HIV has been added between 16 and 18 years. Information on screening adolescents for HIV has been added in the footnotes. STI screening now references recommendations made in the AAP Red Book. This category was previously titled "STI Screening."
- Cervical dysplasia- adolescents should no longer be routinely screened for cervical dysplasia until age 21. Indications for pelvic exams before age 21 are noted in the 2010 AAP statement "Gynecologic Examination for Adolescents in the Pediatric Office Setting" (http://pediatrics.aappublications.org/content/126/3/583.full).
- Critical Congenital Heart Disease-screening for critical congenital heart disease using pulse oximetry should be performed in newborns, after 24 hours of age, before discharge from the hospital, per the 2011 AAP statement, "Endorsement of Health and Human Services Recommendation for Pulse Oximetry Screening for Critical Congenital Heart Disease" (http://pediatrics.aappublications.org/content/129/1/190.full).

Footnote 25 wording has been edited and also includes reference to the 2014 clinical report, "Fluoride Use in Caries Prevention in the Primary Care Setting" (http://pediatrics.aappublications.org/cgi/doi/10.1542/peds.2014-1699) and 2014 policy statement, "Maintaining and Improving the Oral Health of Young Children" (http://pediatrics.aappublications.org/content/134/6/1224.full).

For several recommendations, the AAP Policy has been updated since 2007, but there have been no changes in the timing of recommendations on the Periodicity Schedule. These include the following:

- Footnote 2- The Prenatal Visit (2009): http://pediatrics.aappublications.org/content/124/4/1227.full
- Footnote 4- Breastfeeding and the Use of Human Milk (2012): http://pediatrics.aappublications.org/content/129/3/e827.full
 and Hospital Stay for Healthy Term Newborns (2010):
 http://pediatrics.aappublications.org/content/125/2/405.full
- Footnote 8- Year 2007 Position Statement: Principles and Guidelines for Early Hearing Detection and Intervention Programs (2007): http://pediatrics.aappublications.org/content/120/4/898.full
- Footnote 10- Identification and Evaluation of Children With Autism Spectrum Disorders (2007): http://pediatrics.aappublications.org/content/120/5/1183.full
- Footnote 17- Immunization Schedules (2014): http://aapredbook.aappublications.org/site/resources/IZSchedule0-6yrs.pdf, http://aapredbook.aappublications.org/site/resources/IZSchedule7-18yrs.pdf, and

http://aapredbook.aappublications.org/site/resources/IZScheduleCatchup.pdf

- Footnote 19- Centers for Disease Control and Prevention Advisory Committee on Childhood Lead Poisoning Prevention statement "Low Level Lead Exposure Harms Children: A Renewed Call for Primary Prevention" (2012): http://www.cdc.gov/ncet/lead/ACCLPP/Final Document 030712.pdf
- Footnote 22- AAP-endorsed guideline "Integrated Guidelines for Cardiovascular Health and Risk Reduction in Children and Adolescents" (2011): http://www.nhlbi.nih.gov/guidelines/cvd_ped/index.htm
- Footnote 25- Preventive Oral Health Intervention for Pediatricians (2008): <a href="http://pediatrics.aappublications.org/content/122/6/1387.full and Oral Health Risk Assessment Timing and Establishment of the Dental Home (2009): http://pediatrics.aappublications.org/content/111/5/1113.full. Additional information from the policies regarding fluoride supplementation and fluoride varnish has been added to the footnote.

Footnote 26 has been added to the new fluoride varnish subheading: see US Preventive Services Task Force recommendations (http://www.uspreventiveservicestaskforce.org/uspstf/uspsdnch.htm). Once teeth are present, fluoride varnish may be applied to all children every 3 to 6 months in the primary care or dental office. Indications for fluoride use are noted in the 2014 AAP clinical report "Fluoride Use in Caries Prevention in the Primary Care Settling" (http://pediatrics.sappublications.org/cgi/dol/10.1542/peds.2014-1699).

New references were added for several footnotes, also with no change to recommendations in the Periodicity Schedule:

- Footnote 5- Expert Committee Recommendations Regarding the Prevention, Assessment, and Treatment of Child and Adolescent Overweight and Obesity: Summary Report (2007): http://pediatrics.aappublications.org/content/120/Supplement_4/S164.full
- Footnote 13- Use of Chaperones During the Physical Examination of the Pediatric Patient (2011): http://pediatrics.aappublications.org/content/127/5/991.full
- Footnote 15- The Recommended Uniform Newborn Screening Panel
 (http://www.hrsa.gov/advisory.committees/mchbadvisory/heritabledisorders/
 recommendedpanel/uniformscreeningpanel.pdf), as determined by the
 Secretary's Advisory Committee on Heritable Disorders in Newborns and
 Children, and state newborn screening laws/regulations
 (http://genes-r-us.uthscsa.edu/sites/genes-r-us/files/nbsdisorders.pdf), establish
 the criteria for and coverage of newborn screening procedures and programs.
 Follow-up must be provided, as appropriate, by the pediatrician.

For consistency, the title of "Tuberculin Test" has been changed to "Tuberculosis Testing." The title of "Newborn Metabolic/Hemoglobin Screening" has been changed to "Newborn Blood Screening."

American Academy of Pediatrics Pediatrics 2015;136:e727-e729



Every Visit

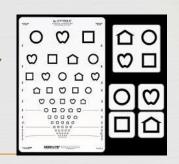
- **Mistory**
- **Measurements**
 - Weight and height/length
 - Head Circumference (newborn-24 months)
 - Weight for length (newborn -18 months)
 - **3** BMI (24 months-21 years)
 - ☑ Blood Pressure (3 years-21 years)*
- Rhysical Exam
- Anticipatory Guidance
- Representation Provides and Provides Assessment
 Representation
 Represe







Sensory Screening





Wision

- 3yr, 4yr, 5yr, 6yr, 8yr, 10yr, 12yr, 15yr, 18yr
- Ages 3-5
- Older-Snellen Chart

- S Newborn, 4yr, 5yr, 6yr, 8yr, 10yr
- ☑ OAE, ABR, Behavioral Pure Tone Audiometry, Impedance testing





Developmental/Behavioral Assessment

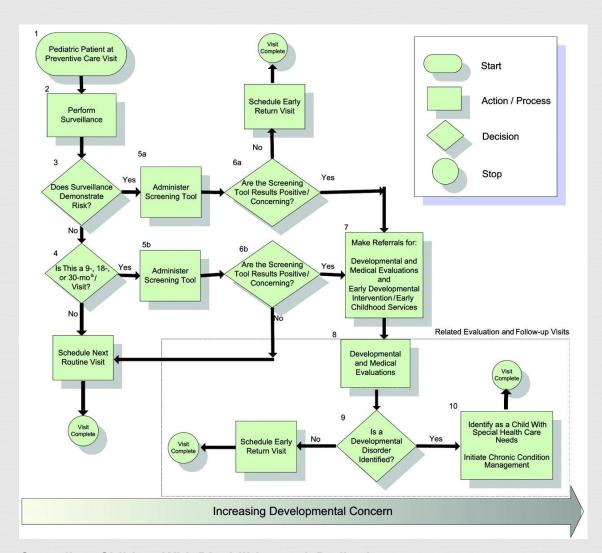
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- **™** Developmental Screening
- ∞ 9 months, 18 months, 30 months*
- CPT Code 96110
- - ☑ Parent completed, 10-15 minutes



- Ages 2 months through 5 years
- http://pediatrics.aappublications.org/content/118/1/405.full





Council on Children With Disabilities et al. Pediatrics 2006;118:405-420



Pediatric Patient at Preventive Care Visit Developmental concerns should be included as one of several health topics addressed at each pediatric preventive care visit throughout the first 5 years of life.⁶

2. Developmental surveillance is a flexible, longitudinal, continuous, and cumulative process whereby knowledgeable health care professionals identify children who may have developmental problems. There are 5 components of developmental surveillance: eliciting and attending to the parents' concerns about their child's development, documenting and maintaining a developmental history, making accurate observations of the child, identifying the risk and protective factors, and maintaining an accurate record and documenting the process and findings.

Perform Surveillance



3. The concerns of both parents and child health professionals should be included in determining whether surveillance suggests the child may be at risk of developmental delay. If either parents or the child health professional express concern about the child's development, a developmental screening to address the concern specifically should be conducted.

4. All children should receive developmental screening using a standardized test. In the absence of established risk factors or parental or provider concerns, a general developmental screen is recommended at the 9-, 18-, and 30-month⁵ visits. Additionally, autism-specific screening is recommended for all children at the 18-month visit.





5a and 5b. Developmental screening is the administration of a brief standardized tool aiding the identification of children at risk of a developmental disorder. Developmental screening that targets the area of concern is indicated whenever a problem is identified during developmental surveillance.

6a and 6b. When the results of the periodic screening tool are normal, the child health professional can inform the parents and continue with other aspects of the preventive visit. When a screening tool is administered as a result of concerns about development, an early return visit to provide additional developmental surveillance should be scheduled even if the screening tool results do not indicate a risk of delay.

Are the Screening
Tool Results Positive/
Concerning?

Make Referrals for:
Developmental and
Medical Evaluations
and
Early Developmental
Intervention / Early
Childhood Services

Developmental and Medical Evaluations 7-8. If screening results are concerning, the child should be scheduled for developmental and medical evaluations. Developmental evaluation is aimed at identifying the specific developmental disorder or disorders affecting the child. In addition to the developmental evaluation, a medical diagnostic evaluation to identify an underlying etiology should be undertaken. Early developmental intervention/early childhood services can be particularly valuable when a child is first identified to be at high risk of delayed development, because these programs often provide evaluation services and

can offer other services to the child and family even before an evaluation is complete. ²⁵ Establishing an effective and efficient partnership with early childhood professionals is an important component of successful care coordination for

9. If a developmental disorder is identified, the child should be identified as a child with special health care needs and chronic condition management should be initiated (see No. 10 below). If a developmental disorder is not identified through medical and developmental evaluation, the child should be scheduled for an early return visit for further surveillance. More frequent visits, with particular attention paid to a reas of concern, will allow the child to be promptly referred for further evaluation if any further evidence of delayed development or a specific disorder emerges.



Identify as a Child With Special Health Care Needs Initiate Chronic Condition Management 10. When a child is discovered to have a significant developmental disorder, that child becomes a child with special health care needs, even if that child does not have a specific disease etiology identified. Such a child should be identified by the medical home for appropriate chronic condition management and regular monitoring and entered into the practice's children and youth with special health care needs registry.⁴¹

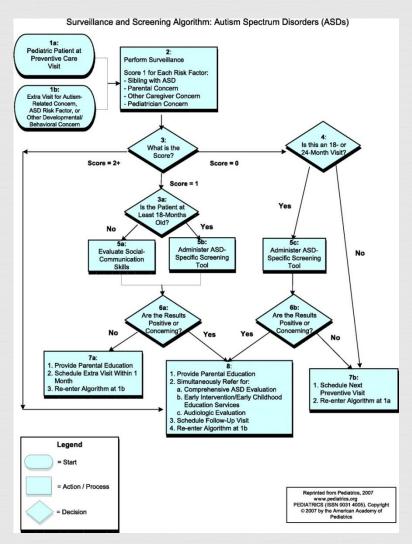
Council on Children With Disabilities et al. Pediatrics
2006;118:405-420
PEDIATRICS

Developmental/Behavioral Assessment



- **Autism Screening**
- CPT Code 96110
- - https://www.m-chat.org/_references/mchatdotorg.pdf
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Chris Plauché Johnson, and Scott M. Myers Pediatrics
2007;120:1183-1215

PEDIATRICS®

Surveillance and Screening Algorithm: Autism Spectrum Disorders (ASDs)



1a - Developmental concerns, including those about social skill deficits, should be included as one of several health topics addressed at each pediatric preventive care visit through the first 5 years of life. (Go to step 2)

1b: Extra Visit for Autism-Related Concern, ASD Risk Factor, or Other Developmental/ Behavioral Concern 1b – Al the parents' request, or when a concern is identified in a previous visit, a child may be scheduled for a 'problem-targeted' clinic visit because of concerns about ASD. Parent concerns may be based on observed behaviors, social or language deficits, issues raised by other caregivers, or heightened anxiety produced by ASD coverage in the media. (Go to step 2)

2
Perform Surveillance
Score 1 for Each Risk Factor
- Sibling with ASD
- Parental Concern
- Other Caregiver Concern
- Pediatrician Concern

2 - Developmental surveillance is a flexible, longitudinal, continuous, and cumulative process whereby health care professionals identify children who may have developmental problems. There are 5 components of developmental surveillance: elicting and attending to the parents' concerns about their child's development, documenting and maintaining a developmental history, making accurate observations of the child, identifying the risk and profective factors, and maintaining an accurate record and documenting the process and findings. The concerns of parents, other caregivers, and pediatricians all should be included in determining whether surveillance suggests that the child may be at risk of an ASD. In addition, younger siblings of children with an ASD should also be considered at risk, because they are 10 times more likely to develop symptoms of an ASD than children without a sibling with an ASD. Sorring risk factors will help determine the next steps: (30 to step 3)

For more information on developmental surveillance, see "identifying Infants and Young Children With Developmental Disorders in the Medical Home: An Algorithm for Developmental Surveillance and Screening" (Pediatrics 2006;118:405-420).



- 3 Scoring risk factors:
- If the child does not have a sibling with an ASD and there are no concerns
- from the parents, other caregivers, or pediatrician: Score=0 (Go to step 4)

 If the child has only 1 risk factor, either a sibling with ASD or the concern of a parent, caregiver, or pediatrician: Score=1 (Go to step 3a)
- . If the child has 2 or more risk factors: Score=2+ (Go to step 8)



Ju -

- If the child's age is <18 months, Go to step 5a
- If the child's age is ≥18 months, Go to step 5b



4 – In the absence of established risk factors and parental/provider concerns (score=0), a level-1 ASD-specific tool should be administered at the 18- and 24-month visits. (Go to step 5c) If this is not an 18- or 24-month visit, (Go to step 7b).

Note in the AAP policy, "Identifying Infants and Young Children With Developmental Backdes in the Medical Home. An Algorithm for Developmental Surveillance and Screening", a percent developmental screen is recommended at the 9-th and 46-40 "Demonth visit to identify children who may represe after 18 months of all the 18-month visit. This clinical report also recommended an ASD screening at the 24-month visit to identify children who may regress after 18 months of all the 18-month visit to identify children who may regress after 18 months of all the 18-months of the 18-month visit to identify children who may regress after 18 months of all the 18-months of the 1



5a - If the child's age is <18 months, the pediatrician should use a tool that specifically addresses the clinical characteristics of ASDs, such as those that target social-communication skills. (Go to step 6a)



5b - If the child's age is ≥18 months, the pediatrician should use an ASD-specific screening tool. (Go to step 6a)



5c – For all children ages 18 or 24 months (regardless of risk factors), the pediatrician should use an ASDspecific screening tool. (Go to step 6b)

AAP-recommended strategies for using ASD screening tools: "Autism: Caring for Children with Autism Spectrum Disorders: A Resource Toolkit for Clinicians" (in press)*



6a - When the result of the screening is negative, Go to step 7a

When the result of the screening is positive, Go to step 8



6b – When the result of the ASD screening (at 18and 24-month visits) is negative, Go to step 7b When the result of the ASD screening (at 18- and 24month visits) is positive, Go to step 8

7a;
1. Provide Parental Education
2. Schedule Extra Visit Within 1
Month
3. Re-enter Algorithm at 1b

7a – If the child demonstrates risk but has a negative screening result, information about ASDs should be provided to parents. The pediatrician should schedule an extra vist within 1 month to address any residual ASD concerns or additional developmental/ behavioral concerns after a negative screening result. The child will then re-enter.

the algorithm at 1b. A "wait-and-se" approach is discouraged. If the only risk factor is a sibling with an ASD, the pediatrician should maintain a higher index of suspicion and address ASD symptoms at each preventive care vist, but an early follow-up within 1 month is not necessary unless a parental concern subsequentity arises.

7b: 1. Schedule Next Preventive Visit 2. Re-enter Algorithm at 1a

7b – If this is not an 18- or 24-month visit, or when the result of the ASD screening is

negative, the pediatrician can inform the parents and schedule the next routine preventive visit. The child will then re-enter the algorithm at 1a.

- Provide Parental Education
 Simultaneously Refer for:
 Comprehensive ASD Evaluation
- b. Early Intervention/Early Childhood
 Education Services
- Education Services c. Audiologic Evaluation 3. Schedule Follow-up Visit 4. Re-enter Algorithm at 1b

8 — If the screening result is positive for possible ASD in step 6a or 6b, the pediatrician should provide peer reviewed and/or consensus-developed ASD materials. Because a positive screening result loses not determine a diagnosis of ASD, the child should be referred for a comprehensive ASD evaluation, to early intervention/early childhood education services (depending on child's age), and an audiologic evaluation. A categorized idagnosis is not needed to access intervention services. These programs often provide evaluations and other services even before a medical evaluation is complete. A referral to intervention services or school also is indicated when other developmental-behavioral concerns exist, even though the ASD screening result is negative. The child should be scheduled for a follow-up visit and will then re-enter the algorithm at 1b. All communication between the referral sources and the pediatrician should be coordinated.

AAP information for parents about ASDs includes: "Is Your One-Year-Old Communicating with You?" and "Understanding Autism Spectrum Disorders."

*Available at www.aap.org

Chris Plauché Johnson, and Scott M. Myers Pediatrics
2007;120:1183-1215

PEDIATRICS

Alcohol and Drug Use Assessment

- Risk assessment to be performed with appropriate action to follow, if positive
- Ages 11 years through 21 years
- Screening tool: CRAFFT
 - 13 http://www.ceasar-boston.org/CRAFFT/index.php
 - https://brightfutures.aap.org/Bright%20Futures%20Documents/Screening.pdf

Depression Screening

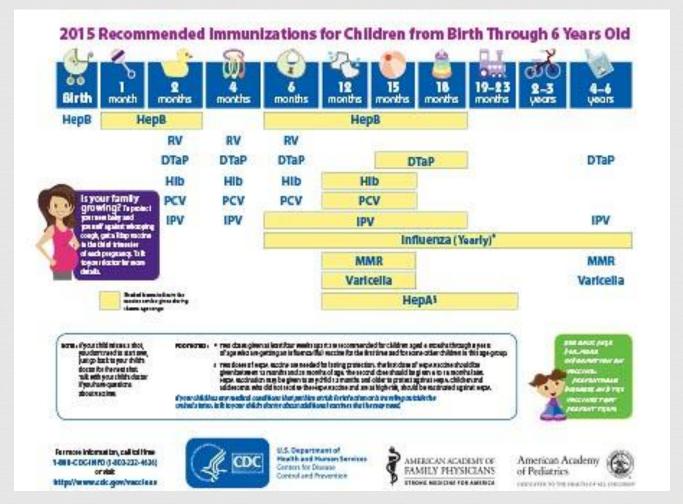
- Ages 11-21 years
- Patient Health Questionnaire (PHQ)-2 or other tools available in the GLAD-PC tookit
 - https://www.aap.org/en-us/advocacy-and-policy/aap-health-initiatives/Mental-Health/Documents/MH_ScreeningChart.pdf
- PHQ-2 Bright Futures and Instructions:
 - https://brightfutures.aap.org/Bright%20Futures%20Documents/PHQ-2%20Questionnaire.pdf
 - https://brightfutures.aap.org/Bright%20Futures%20Documents/PHQ-2%20Instructions%20for%20Use.pdf
- PHQ-9 Modified for Teens
 - http://www.pedpsychiatry.org/pdf/depression/PHQ-9%20Modified%20for%20Teens.pdf
 - http://www.cappcny.org/home/documents/phq%209%20teens%20sc oring.pdf

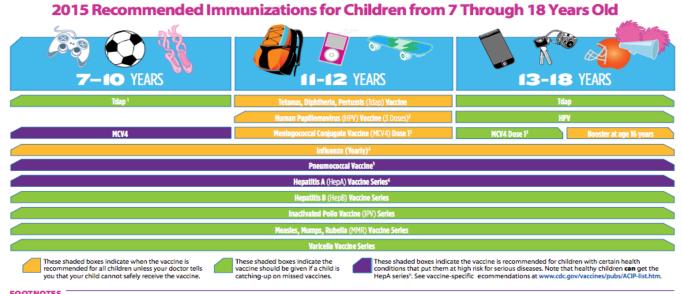
Depression Screening

- Representation of the PHQ-2
- Over the past 2 weeks, how often have you been bothered by any of the following problems?
 - Little interest or pleasure in doing things
 - Feeling down, depressed, or hopeless
- Answers options:
 - \bigcirc 0 = not at all
- A score of 3 points or more on this version has a sensitivity of 83% and specificity of 92% for major depressive episode
- ™ If score is 3 or higher, evaluated using PHQ-9

Immunizations

Should be addressed at every visit





FOOTNOTES

¹ Tdap vaccine is combination vaccine that is recommended at age 11 or 12 to protect against tetanus, diphtheria and pertussis. If your child has not received any or all of the DTaP vaccine series, or if you don't know if your child has received these shots, your child needs a single dose of Tdap when they are 7-10 years old. Talk to your child's health care provider to find out if they need additional catch-up vaccines.

2 All 11 or 12 year olds - both girls and boys - should receive 3 doses of HPV vaccine to protect against HPV-related disease. Either HPV vaccine (Cervarix* or Gardasil*) can be given to girls and young women; only one HPV vaccine (Gardasil*) can be given to boys and young men.

3 Meningococcal conjugate vaccine (MCV) is recommended at age 11 or 12. A booster shot is recommended at age 16. Teens who received MCV for the first time at age 13 through 15 years will need a one-time booster dose between the ages of 16 and 18 years. If your teenager missed getting the vaccine altogether, ask their health care provider about getting it now, especially if your teenager is about to move into a college dorm or military barracks.

⁴ Everyone 6 months of age and older—including preteens and teens—should get a flu vaccine every year. Children under the age of 9 years may require more than one dose. Talk to your child's health care provider to find out if they need more than one dose.

5 Pneumococcal Conjugate Vaccine (PCV13) and Pneumococcal Polysaccharide Vaccine (PPSV23) are recommended for some children 6 through 18 years old with certain medical conditions that place them at high risk. Talk to your healthcare provider about pneumococcal vaccines and what factors may place your child at high risk for pneumococcal disease.

6 Hepatitis A vaccination is recommended for older children with certain medical conditions that place them at high risk. HepA vaccine is licensed, safe, and effective for all children of all ages. Even if your child is not at high risk, you may decide you want your child protected against HepA. Talk to your healthcare provider about HepA vaccine and what factors may place your child at high risk for HepA.

For more information, call toll free 1-800-CDC-INFO (1-800-232-4636) or visit http://www.cdc.gov/vaccines/teens



Vaccine Schedules

CB

Hep B #1 given in hospital

- ≈ 1 month-Hep B #2
- ∞ 9 months-Hep B #3

- ≈ 18 months-DtaP #4, Hep A #2

Hep B #1 NOT given in hospital

- 6 months-Pediarix #3, Prevnar #3, Rotateq #3
- № 12 months-Prevnar #4, Pedvax #3, Hep A #1
- № 15 months-MMR, Varicella
- № 18 months-DtaP #4, Hep A #2

Vaccine Schedule

- ≈ 11 yo TdaP, Menactra #1, HPV #1
 - C3 HPV #2 and HPV #3 at nurse visits
- ≈ 16 yo Menactra #2

Influenza 2015-2016



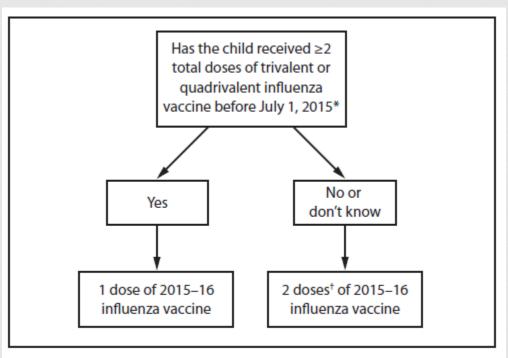
- Available in trivalent and quadrivalent formulation
- **™** Trivalent:
 - △ A/California/7/2009 (H1N1)-like virus
 - 😘 A/Switzerland/9715293/2013 (H3N2)-like virus
 - □ B/Phuket/3073/2013-like virus (B/Yamagata lineage)
- **Quadrivalent:**
 - Plus B/Brisbane/60/2008-like virus (B/Victoria lineage)

Influenza



- **≈** 6 months-8 years
 - 1st timers: need 2nd dose at least 4 weeks after 1st dose
 - 3 1 dose if had at least 2 doses prior to July 2015





* The two doses need not have been received during the same season or consecutive seasons.

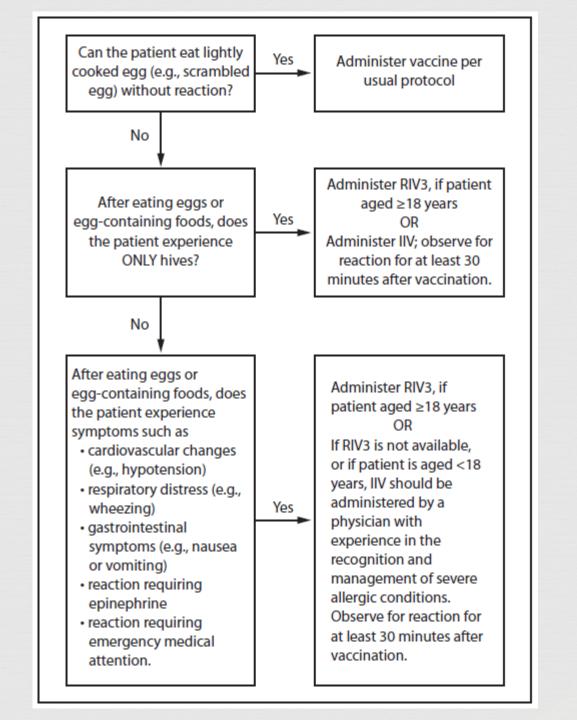
[†] Doses should be administered ≥4 weeks apart.

Influenza

Special Considerations

CB

- Administration of IIV (inactivated influenza vaccine) for all children and adolescents with underlying medical conditions associated with an elevated risk of complications from influenza, including the following:
 - Children under 2 years old
 - Asthma or other chronic pulmonary diseases, including cystic fibrosis
 - Hemodynamically significant cardiac disease
 - Immunosuppressive disorders or therapy
 - (3) HIV infection
 - Sickle cell anemia and other hemoglobinopathies
 - Oiseases that necessitate long-term aspirin therapy, including juvenile idiopathic arthritis or Kawasaki disease
 - Chronic renal dysfunction
 - Chronic metabolic disease, including diabetes mellitus
 - Any condition that can compromise respiratory function or handling of secretions or can increase the risk of aspiration, such as neurodevelopmental disorders, spinal cord injuries, seizure disorders, or neuromuscular abnormalities
 - Morbid obesity
 - **S** Pregnancy
 - **Egg** allergy



Influenza Contraindications to LAIV

CB

- Children who have a moderate to severe febrile illness.
- Children 2 4 years of age with a history of recurrent wheezing or a medically attended wheezing episode in the previous 12 months
- Children who have received other live virus vaccines within the past 4 weeks; however, other live virus vaccines can be given on the same day as LAIV.
- Children taking an influenza antiviral medication (oseltamivir or zanamivir), until 48 hours after stopping the influenza antiviral therapy.

Dyslipidemia Screening

03

- Once at age 9-11 years (10 yo)
 - Fasting or non-fasting
- Once at 18-21 years (18 yo)
 - **S** Fasting

Obesity Screening

- TSH, FT4, Fasting Lipid panel, Vit D 25-OH, Fasting Glucose
- Rrovider dependent

STI/HIV Screening



- Detailed history
- All sexually active females and high risk males-test annually for Chlamydia/Gonorrhea.
- Routine screening for HIV should be offered to all adolescents age 16-18 yo
- High risk adolescents should be screened annually for HIV
- **Consider confidentiality**

Cervical Dysplasia Screening

CB

- Cervical Cancer is the 2nd most common cancer in woman worldwide
- Risk factors are persistent infection with high-risk HPV, impaired immunity, cigarette smoking, increased parity, and prolonged oral contraceptive use
- Representation of the HPV is the most common STI in the US

Oral Health



- Assess if the child has a dental home
 - If there is no dental home-perform a risk assessment and refer to dental home (age 6 months and up)
 - http://www2.aap.org/oralhealth/docs/riskassessmenttool.
- Recommend brushing with fluoride toothpaste in proper dosage for age
 - Smear 6 months-3 yrs
 - ☑ Pea size 3 yrs and up = approx 0.25mg -0.38mg of fluoride
- Supervise children younger than 8 years old when brushing



Oral Health

CS

Representation of the second s

- Medicaid only will reimburse
- Ages 6 months -5 years (up to 6th birthday)
- Should be applied to the teeth of all infants and children at least once every 6 months
 - Ory teeth with gauze
 - Paint varnish onto teeth
- Afterward instructed to eat soft foods and not brush that evening. Resume normal care the next day

Oral Health

CS

- (<0.6ppm), consider oral fluoride supplementation
- There are many sources of fluoride in the water supply and in processed food to consider
- The risk of fluorosis is high if supplements are given to a child consuming fluoridated water
- My Water's Fluoride: http://apps.nccd.cdc.gov/MWF/Index.asp

Table 1. Dietary Fluoride Supplement Schedule Approved by the American Dental Association, American Academy of Pediatrics, and American Academy of Pediatric Dentistry.²¹

| Age | Fluoride ion level in drinking water (ppm)* | | | | | | | | | |
|---------------------|---|--------------------|----------|--|--|--|--|--|--|--|
| | <0.3 ppm | 0.3 ppm to 0.6 ppm | >0.6 ppm | | | | | | | |
| Birth to 6 months | None | None | None | | | | | | | |
| 6 months to 3 years | 0.25 mg/day** | None | None | | | | | | | |
| 3 years to 6 years | 0.50 mg/day | 0.25 mg/day | None | | | | | | | |
| 6 years to 16 years | 1.0 mg/day | 0.50 mg/day | None | | | | | | | |

*1.0 part per million (ppm) = 1 miligram/liter (mg/L) **2.2 mg sodium fluoride contains 1 mg fluoride ion

Car Seat Guidelines

- Rear facing until 2 years old
 - Or until they reach the max weight and height for the seat
- Children should ride in the rear of the vehicle until they are 13 years old
- https://www.aap.org/en-us/about-the-aap/aap-press-room/pages/aap-updates-recommendation-on-car-seats.aspx
- https://www.healthychildren.org/English/safetyprevention/on-the-go/Pages/Car-Safety-Seats-Information-for-Families.aspx

Other Assessments



- Newborn Blood Screening by 2 months old
- Critical Congenital Heart Defect Screening after 24 hours of age, before discharge from the hospital

Summary

CS

- Developmental Screening- Ages and Stages
 - 3 2 months through 60 months
 - Give correct ages, can adjust for prematurity
 - 3 Billing for ASQ at 9, 18, and 30 months

- ∇ision at 3, 4, 5, 6, 8, 10, 12, 15, and 18 years
- Rearing at 4, 5, 6, 8, and 10 years

Summary Con't

CS

- - 10 yr-fasting or non-fasting
 - 3 18 yr-fasting
 - If high risk at any time, check between 12-17 years
- Obesity-Provider dependent (TSH, FT4, Fasting lipid panel, vitamin D-25 OH, fasting glucose)
- Oepression ages 11-21 yrs using PHQ-2, then PHQ-9 if positive

Summary Con't

CS

™ STIs

- All sexually active females and high risk males tested annually for Chlamydia/Gonorrhea
- Routine screening for HIV should be offered to all adolescents age 16-18
- High risk adolescents should be screened annually for HIV
- Representation of the Fluoride-assess at 12 month visit for dental home
 - Brush with fluoride toothpaste
 - Assess the need for oral fluoride
 - S Fluoride varnish for Mainecare every 6 months if no dental home

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CB

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