

Update to Pediatric Preventive Care



October 11, 2015

UNECOM

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Disclosure



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

Objectives



- ❧ To review the updated 2015 recommendations from the American Academy of Pediatrics
- ❧ 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



- ❧ Well care is one of the hallmarks of a family-centered medical home
- ❧ Incorporates all things important to the health of a child
- ❧ Time to review necessary vaccinations, check on growth, development, and behavior
- ❧ Allows time for sharing information that is pertinent to child's well being

2015 Recommendations



- ❧ Consensus by the American Academy of Pediatrics (AAP) and Bright Futures
 - ❧ Emphasizes 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

Schedule



⌘ http://www.aap.org/en-us/professional-resources/practice-support/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.nhlbi.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/nceh/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): <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/uspstdnch.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 Setting" (<http://pediatrics.aappublications.org/cgi/doi/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/advisorycommittees/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

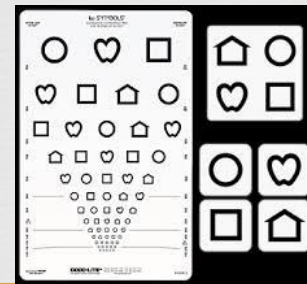


- ❧ History
- ❧ Measurements
 - ❧ Weight and height/length
 - ❧ Head Circumference (newborn-24 months)
 - ❧ Weight for length (newborn -18 months)
 - ❧ BMI (24 months-21 years)
 - ❧ Blood Pressure (3 years-21 years)*
- ❧ Physical Exam
- ❧ Anticipatory Guidance
- ❧ Psychosocial/Behavioral/Developmental Assessment





Sensory Screening



☞ Vision

☞ 3yr, 4yr, 5yr, 6yr, 8yr, 10yr, 12yr, 15yr, 18yr

☞ Ages 3-5

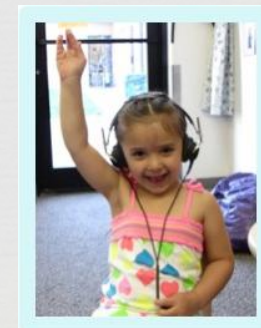
☞ HOTV, Lea Chart, Snellen Chart

☞ Older-Snellen Chart

☞ Hearing

☞ Newborn, 4yr, 5yr, 6yr, 8yr, 10yr

☞ OAE, ABR, Behavioral Pure Tone Audiometry, Impedance testing



Developmental/Behavioral Assessment

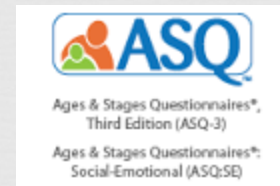


☞ Developmental Screening

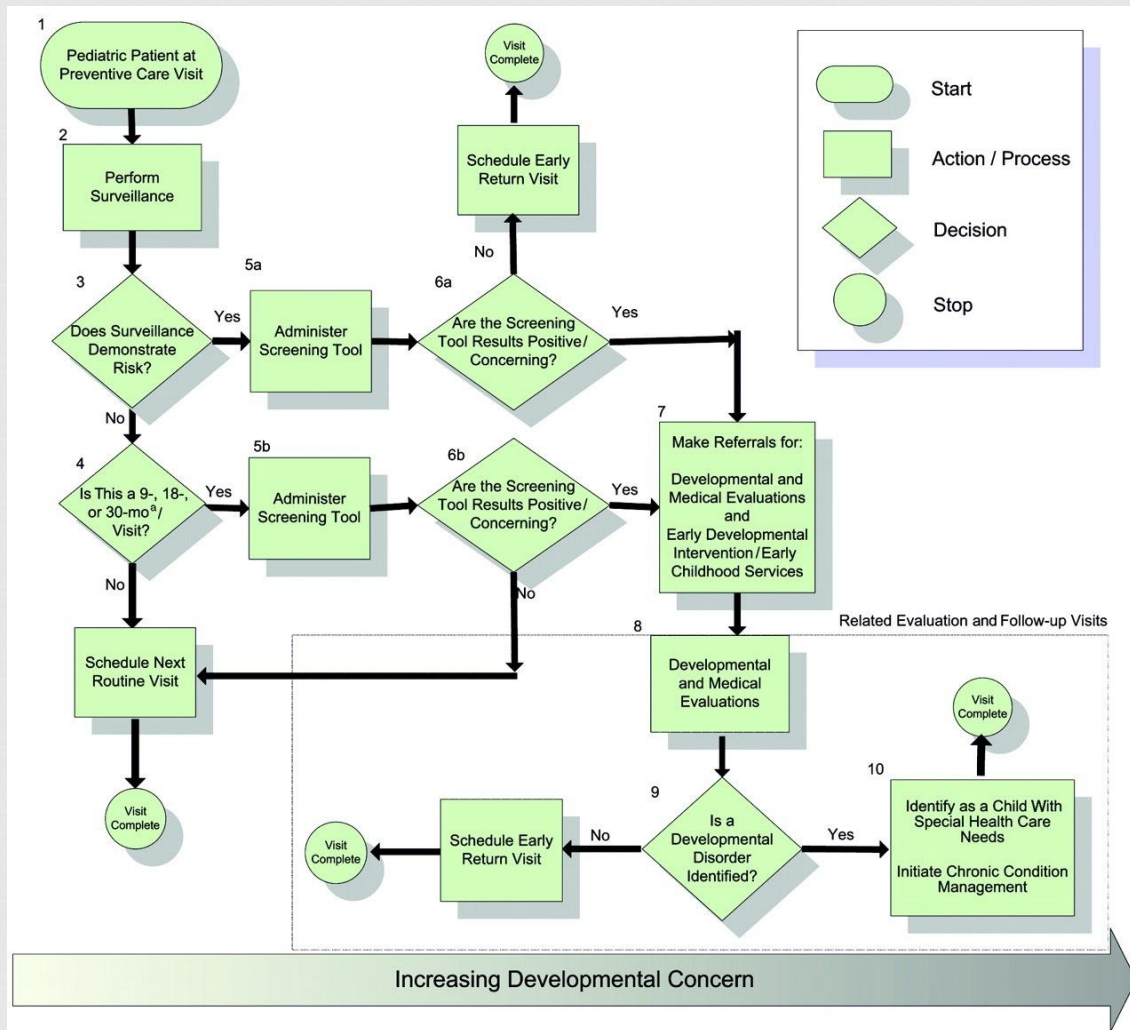
- ☞ 9 months, 18 months, 30 months*
- ☞ CPT Code 96110

☞ Ages & Stages Questionnaires (ASQ)

- ☞ Parent completed, 10-15 minutes
- ☞ Assesses communication, gross motor, problem-solving, and personal adaptive skills
- ☞ Ages 2 months through 5 years



- ☞ [http://pediatrics.aappublications.org/content/118/1/405
.full](http://pediatrics.aappublications.org/content/118/1/405.full)



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

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Pediatric Patient at Preventive Care Visit

1. 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

Does Surveillance Demonstrate Risk?

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-month^a visits. Additionally, autism-specific screening is recommended for all children at the 18-month visit.

Is This a 9-, 18-, or 30-mo^a Visit?

Administer Screening Tool

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 children.²⁶

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 areas 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.

Is a Developmental Disorder Identified?

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

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Developmental/Behavioral Assessment



Autism Screening

18 months and 24 months

CPT Code 96110

M-CHAT-R/F

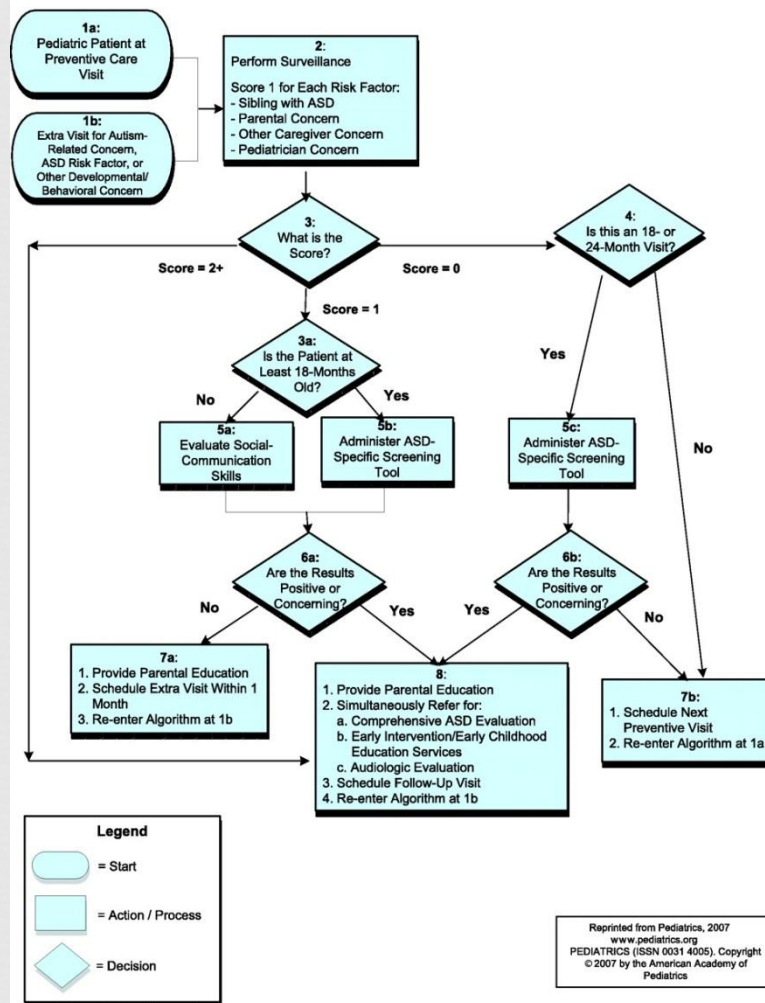
https://www.m-chat.org/_references/mchatdotorg.pdf

Parent completed, 5-10 minutes

<http://pediatrics.aappublications.org/content/120/5/1183.full>



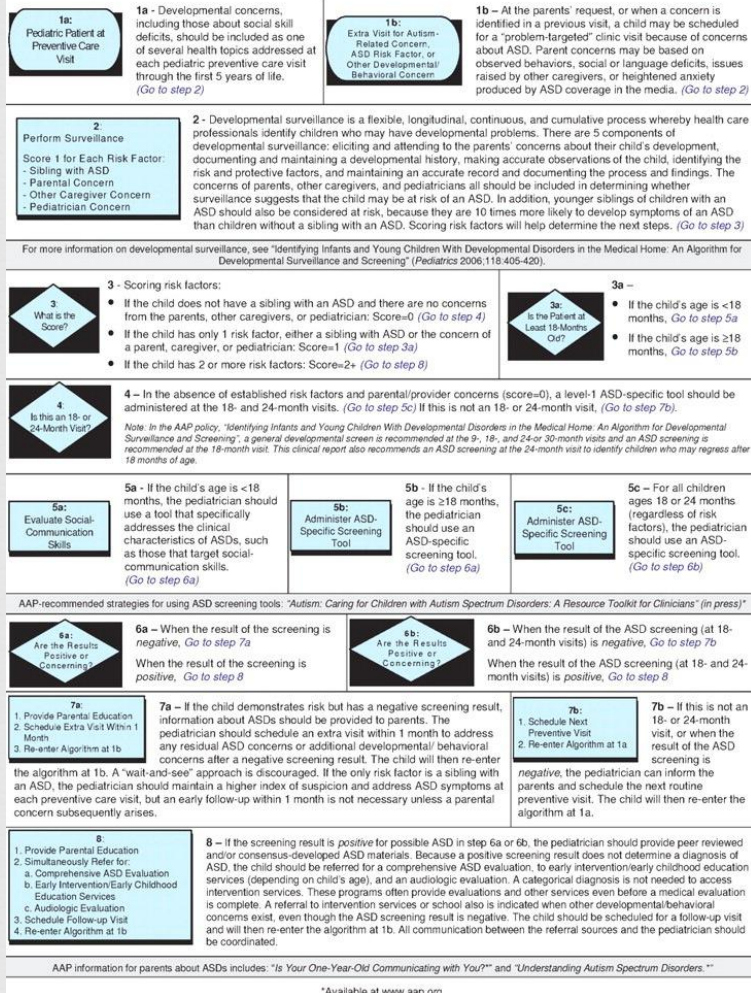
Surveillance and Screening Algorithm: Autism Spectrum Disorders (ASDs)



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

PEDIATRICS

Surveillance and Screening Algorithm: Autism Spectrum Disorders (ASDs)



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

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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
 - ❧ <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 toolkit
 - ❧ 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%20scoring.pdf>

Depression Screening



❧ 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:

❧ 0 = not at all

❧ 1 = several days

❧ 2 = more than half the days

❧ 3 = nearly every day

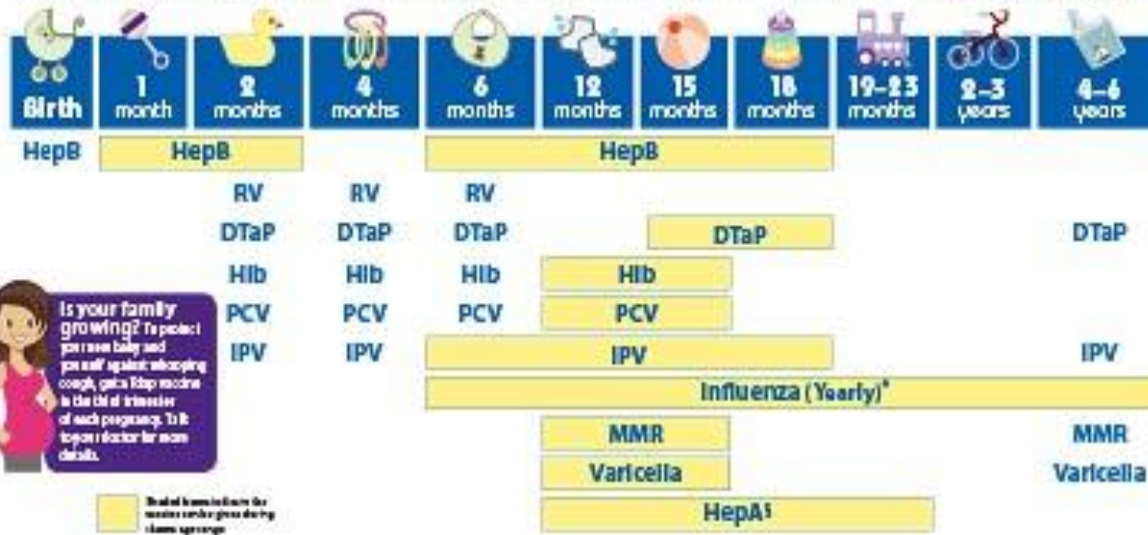
❧ A score of 3 points or more on this version has a sensitivity of 83% and specificity of 92% for major depressive episode

❧ If score is 3 or higher, evaluated using PHQ-9

Immunizations

Should be addressed at every visit

2015 Recommended Immunizations for Children from Birth Through 6 Years Old



Some, if your child misses a shot, you determined to start one, jump back to your child's doctor for the next shot. Talk with your child's doctor if you have questions about vaccines.

IMPORTANT:

- Two doses of general anesthesia (GA) are recommended for children aged 4 months through 6 years of age who are getting the varicella (VZV) vaccine for the first time and for some older children in this age group.
- Two doses of HepA vaccine are needed for lasting protection; the first dose of HepA vaccine should be given between 12 months and 24 months of age; the second dose should be given 6 to 18 months later. HepA vaccination may be given to an infant 12 months and older to protect against HepA, childhood addictions, and did not react to the HepA vaccine and are at high risk, should be vaccinated against HepA.

If your child has any medical conditions that prevent or limit their activities or the ability to tolerate certain foods, talk to your child's doctor about additional vaccines that may be needed.

For more information, call toll free
1-800-CDC-INFO (1-800-232-6234)
or visit
<http://www.cdc.gov/vaccines>



U.S. Department of
Health and Human Services
Centers for Disease
Control and Prevention






American Academy
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2015 Recommended Immunizations for Children from 7 Through 18 Years Old

7-10 YEARS	11-12 YEARS	13-18 YEARS
Tdap ¹	Tetanus, Diphtheria, Pertussis (Tdap) Vaccine	Tdap
	Human Papillomavirus (HPV) Vaccine (3 Doses) ²	HPV
MCV4	Meningococcal Conjugate Vaccine (MCV4) Dose 1 ³	MCV4 Dose 1 ³ Booster at age 16 years
Influenza (Yearly) ⁴		
Pneumococcal Vaccine ⁵		
Hepatitis A (HepA) Vaccine Series ⁶		
Hepatitis B (HepB) Vaccine Series		
Inactivated Polio Vaccine (IPV) Series		
Measles, Mumps, Rubella (MMR) Vaccine Series		
Varicella Vaccine Series		

 These shaded boxes indicate when the vaccine is recommended for all children unless your doctor tells you that your child cannot safely receive the vaccine.
  These shaded boxes indicate the vaccine should be given if a child is catching-up on missed vaccines.
  These shaded boxes indicate the vaccine is recommended for children with certain health conditions that put them at high risk for serious diseases. Note that healthy children **can** get the HepA series⁶. See vaccine-specific recommendations at www.cdc.gov/vaccines/pubs/ACIP-list.htm.

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>



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Vaccine Schedules



Hep B #1 given in hospital

- ❧ 1 month-Hep B #2
- ❧ 2, 4, & 6 months-Pentacel (DTaP, IPV, Hib), Prevnar, Rotateq
- ❧ 9 months-Hep B #3
- ❧ 12 months-Prevnar #4, ActHib #4, Hep A #1
- ❧ 15 months-MMR, Varicella
- ❧ 18 months-DtaP #4, Hep A #2

Hep B #1 NOT given in hospital

- ❧ 2, & 4 months-Pediarix (DtaP, Hep B, IPV), Prevnar, Pedvax (Hib), Rotateq
- ❧ 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



- ❧ 4/5 yo – ProQuad (MMR/Varicella), Kinrix (Dtap/IPV)
- ❧ 11 yo – Tdap, Menactra #1, HPV #1
 - ❧ 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)

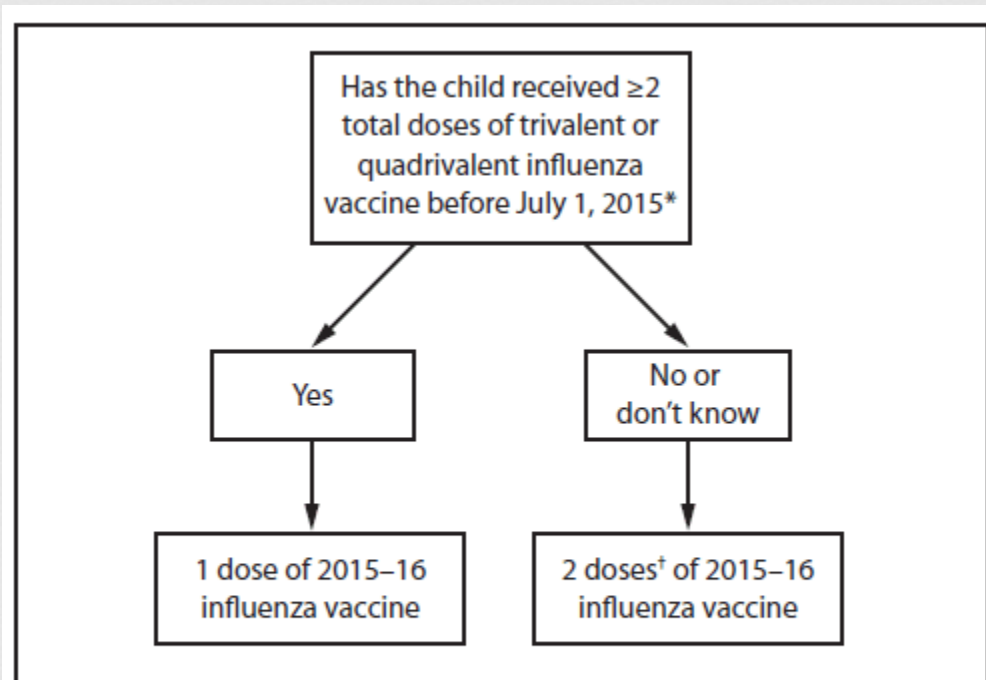
Influenza



- ❧ Indicated for all children and adolescents 6 months of age and older
- ❧ 6 months-8 years
 - ❧ 1st timers: need 2nd dose at least 4 weeks after 1st dose
 - ❧ 1 dose if had at least 2 doses prior to July 2015

**How Many Doses
of Flu Vaccine Does
My Child Need?**





* 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



- ❧ 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
 - ❧ HIV infection
 - ❧ Sickle cell anemia and other hemoglobinopathies
 - ❧ Diseases 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
 - ❧ Pregnancy
 - ❧ Egg allergy

Can the patient eat lightly cooked egg (e.g., scrambled egg) without reaction?

Yes

Administer vaccine per usual protocol

No

After eating eggs or egg-containing foods, does the patient experience ONLY hives?

Yes

Administer RIV3, if patient aged ≥ 18 years
OR
Administer IIV; observe for reaction for at least 30 minutes after vaccination.

No

After eating eggs or egg-containing foods, does the patient experience symptoms such as

- cardiovascular changes (e.g., hypotension)
- respiratory distress (e.g., wheezing)
- gastrointestinal symptoms (e.g., nausea or vomiting)
- reaction requiring epinephrine
- reaction requiring emergency medical attention.

Yes

Administer RIV3, if patient aged ≥ 18 years
OR
If RIV3 is not available, or if patient is aged < 18 years, IIV should be administered by a physician with experience in the recognition and management of severe allergic conditions. Observe for reaction for at least 30 minutes after vaccination.

Influenza

Contraindications to LAIV



- ❧ Children who have a moderate to severe febrile illness.
- ❧ Children with an amount of nasal congestion that would notably impede vaccine delivery.
- ❧ 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



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

Obesity Screening

- ☞ TSH, FT4, Fasting Lipid panel, Vit D 25-OH, Fasting Glucose
- ☞ Provider 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



- ❧ 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
- ❧ HPV is the most common STI in the US
- ❧ 1st Pap test ~ 3 years after onset of vaginal intercourse, no later than 21 years old

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.pdf>
- ❧ 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



❧ Fluoride varnish

- ❧ 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
 - ❧ Dry 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



- ❧ If primary water source is deficient in fluoride (<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
- ❧ Belt positioning booster seat until they are 4ft 9 inches (57 inches) and are between 8-12 years old
- ❧ 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/safety-prevention/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
- ❧ Hematocrit or Hemoglobin/Lead -12 months
- ❧ Tuberculosis Testing - based on recognition of high-risk factors

Summary



- ❧ Developmental Screening- Ages and Stages
 - ❧ 2 months through 60 months
 - ❧ Give correct ages, can adjust for prematurity
 - ❧ Billing for ASQ at 9, 18, and 30 months
- ❧ Autism Screening with M-CHAT R/F at 18 and 24 months
- ❧ Lead and H/H screening at 12 months
- ❧ Vision at 3, 4, 5, 6, 8, 10, 12, 15, and 18 years
- ❧ Hearing at 4, 5, 6, 8, and 10 years

Summary Con't



❧ Lipids

- ❧ 10 yr-fasting or non-fasting

- ❧ 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)

- ❧ Depression – ages 11-21 yrs using PHQ-2, then PHQ-9 if positive

Summary Con't



❧ 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

❧ Fluoride-assess at 12 month visit for dental home

❧ Brush with fluoride toothpaste

❧ Assess the need for oral fluoride

❧ Fluoride varnish for Mainecare every 6 months if no dental home

References



1. (2015). Retrieved 2015, from <http://www.cdc.gov/mmwr/preview/mmwrhtml/mm6430a3.htm#Fig1>
2. (2015). Retrieved 2015, from <http://www.cdc.gov/vaccines/default.htm>
3. 2015 Recommendations for Preventive Pediatric Health Care: Committee on Practice and Ambulatory Medicine and Bright Futures Periodicity Schedule Workgroup. (2015). *Pediatrics*, 136(3).
4. Bright Futures. (n.d.). Retrieved September 1, 2015, from <https://brightfutures.aap.org/Pages/default.aspx>
5. Clark, M., & Slayton, R. (2014). Fluoride Use in Caries Prevention in the Primary Care Setting. *Pediatrics*, 134(3), 626-633.
6. Dentistry, S. (2003). Oral Health Risk Assessment Timing and Establishment of the Dental Home. *Pediatrics*, 111(5), 1113-1116.
7. HealthyChildren.org - From the American Academy of Pediatrics. (2015, August 20). Retrieved September 2, 2015.
8. Identifying Infants And Young Children With Developmental Disorders In The Medical Home: An Algorithm For Developmental Surveillance And Screening. (2006). *Pediatrics*, 118(1), 405-420.
9. Kroenke, K., Spitzer, R., & Williams, J. (2003). The Patient Health Questionnaire-2. *Medical Care*, 41, 1284-1292.
10. Maintaining and Improving the Oral Health of Young Children. (2014). *Pediatrics*, 134(6), 1224-1229.
11. Oral Health Risk Assessment Tool. (n.d.). Retrieved 2015, from <http://www2.aap.org/oralhealth/docs/riskassessmenttool.pdf>
12. Plauche Johnson, MD, MEd, C., & Myers, MD, S. (2007). Identification and Evaluation of Children with Autism Spectrum Disorders. *Pediatrics*, 120(5), 1183-1215.
13. Recommendations for Prevention and Control of Influenza in Children, 2015-2016. (2015). *Pediatrics*, 136(4), 1-17.
14. M-CHAT.ORG | Welcome to M-CHAT.ORG | Free, instant, online M ... (2009). Retrieved 2015, from <http://m-chat.org/>
15. Thibault, J., & Steiner, R. (2004). Efficient identification of adults with depression and dementia. *American Family Physician*, 70, 1101-1110.