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 a satisfactory fashion. Developmental, psychosocial, and chronic disease issues for children and adolescents may require frequent counseling and treatment visits separate from preventive care visits. Additional visits also may become necessary if circumstances suggest variations from normal.

These recommendations 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 child supervision and the need to avoid fragmentation of care. Refer to the specific guidance by age as is listed in the Bright Futures Guidelines (Hagan JF, Shaw JS, Duncan PM, eds. Bright Futures: Guidelines for Health Supervision of Infants, Children, and Adolescents. 4th ed. Elk Grove Village, Ill: American Academy of Pediatrics; 2006).

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 appropriate.

Copyright © 2017 by the American Academy of Pediatrics, updated February 2017.

No part of this statement may be reproduced in any form or by any means without prior written permission from the American Academy of Pediatrics except for one copy for personal use.

---

### Recommendations for Preventive Pediatric Health Care

<table>
<thead>
<tr>
<th>Early Childhood</th>
<th>Middle Childhood</th>
<th>Adolescence</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>AGE</strong></td>
<td><strong>Preventall</strong></td>
<td><strong>Newborn</strong></td>
</tr>
<tr>
<td><strong>MEASUREMENTS</strong></td>
<td>- Length/Height and weight</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>- Head Circumference</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>- Weight for Length</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>- Body Mass Index*</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>- Bone Mineral Density*</td>
<td>-</td>
</tr>
<tr>
<td><strong>SENSORY SCREENING</strong></td>
<td>- Vision*</td>
<td>-</td>
</tr>
<tr>
<td><strong>DEVELOPMENTAL/BEHAVIORAL HEALTH</strong></td>
<td>- Developmental Surveillance*</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>- Autism Spectrum Disorder Screening*</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>- Psychosocial/Behavioral Assessment*</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>- Tobacco, Alcohol, or Drug Use Assessment*</td>
<td>-</td>
</tr>
<tr>
<td><strong>PHYSICAL EXAMINATION</strong></td>
<td>- Height*</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>- Blood Pressure*</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>- Dental Examination*</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>- Observation of Parent-Child Interaction*</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>- Lead*</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>- Tuberculosis*</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>- Dyslipidemia*</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>- Sexually Transmitted Infection*</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>- Refrigerate*</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>- Cerebral Palsy*</td>
<td>-</td>
</tr>
<tr>
<td><strong>ORAL HEALTH</strong></td>
<td>- Fluoride Varnish*</td>
<td>-</td>
</tr>
<tr>
<td></td>
<td>- Fluoride Supplement*</td>
<td>-</td>
</tr>
</tbody>
</table>

**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.

2. A prenatal visit is recommended for all women at high risk for, or at risk for, pregnancy, and for those who request a conference. The prenatal visit should include anticipatory guidance, pertinent medical history, and a discussion of benefits of breastfeeding and planned method of feeding, per "The Prenatal Visit" (http://pediatrics.aappublications.org/content/126/4/1227.full).

3. Newborns should have an evaluation within 3 to 5 days of birth and within 48 hours after discharge from the hospital to include evaluation for feeding and jaundice. Breastfeeding newborns should receive formal breastfeeding evaluation, and their mothers should receive encouragement and instruction, as recommended in "Breastfeeding and the Use of Human Milk" (http://pediatrics.aappublications.org/content/123/3/448.full). Newborns discharged less than 48 hours after delivery must be examined within 48 hours of discharge, per "Hospital Stay for Healthy Term Newborns" (http://pediatrics.aappublications.org/content/127/5/790.full).

4. Newborns 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 feeding and jaundice. Breastfeeding newborns should receive formal breastfeeding evaluation, and their mothers should receive encouragement and instruction, as recommended in "Breastfeeding and the Use of Human Milk" (http://pediatrics.aappublications.org/content/123/3/448.full). Newborns discharged less than 48 hours after delivery must be examined within 48 hours of discharge, per "Hospital Stay for Healthy Term Newborns" (http://pediatrics.aappublications.org/content/127/5/790.full).

5. Screen, per "Expert Committee Recommendations Regarding the Prevention, Assessment, and Treatment of Child and Adolescent Overweight and Obesity: Summary Report" (http://pediatrics.aappublications.org/content/120_Supplement_A5164.full).

6. Blood pressure measurement in infants and children with specific risk conditions should be performed at visits before age 3 years.

7. A visual acuity screen is recommended at ages 12 and 24 months, in addition to the well visits at 3 through 5 years of age. See "Visual System Assessment in Infants, Children, and Young Adults by Pediatricians" (http://pediatrics.aappublications.org/content/137/1/10.full) and "Procedure for the Evaluation of the Visual System by Pediatricians" (http://pediatrics.aappublications.org/content/137/1/5.full).

8. Hearing screening should occur per "Incorporating Recognition and Management of Perinatal and Postpartum Depression Into Pediatric Practice" (http://pediatrics.aappublications.org/content/126/5/1032.full).


10. Recommended screening using the Patient Health Questionnaire (PHQ)-2 or other tools available in the GLAD-PC (http://www.ceasar-boston.org/CRAFFT/index.php).

11. The recommendation is based on expert judgment and may include an assessment of child social-emotional health, caregiver depression, and social determinants of health. See "Promoting Optimal Development: Screening for Behavioral and Emotional Problems" (http://pediatrics.aappublications.org/content/115/2/396.full) and "Poverty and Child Health in the United States" (http://pediatrics.aappublications.org/content/117/4/934.full).

12. Screening should occur per "Identification and Evaluation of Children With Autism Spectrum Disorders" (http://pediatrics.aappublications.org/content/137/5/885.full).

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

This schedule reflects changes approved in February 2017 and published in April 2017. For updates, visit www.aap.org/periodicityschedule.


CHANGES MADE IN FEBRUARY 2017

HEARING

• Timing and follow-up of the screening recommendations for hearing during the infancy visits have been delineated. Adolescent risk assessment has been changed to occur once during each time period.

• Footnote 8 has been updated to read as follows: “Confirm initial screen was completed, verify results, and follow up, as appropriate. Newborns should be screened, per ‘Year 2007 Position Statement: Principles and Guidelines for Early Hearing Detection and Intervention Program’ (http://pediatrics.aappublications.org/content/120/4/488.full).”

• Footnote 9 has been added to read as follows: “Verify results as soon as possible, and follow up, as appropriate.”

• Footnote 10 has been added to read as follows: “Screen with audiometry including 6,000 and 8,000 Hz high frequencies once between 11 and 14 years, once between 15 and 17 years, and once between 18 and 21 years. The Sensitivity of Adolescent Hearing Screens Significantly Improves by Adding High Frequencies (http://www.johnonline.com/article/S1054-139X(16)00048-3/fulltext).”

PSYCHOSOCIAL/BEHAVIORAL ASSESSMENT

• Footnote 13 has been added to read as follows: “This assessment should be family centered and may include an assessment of child social-emotional health, caregiver depression, and social determinants of health. See ‘Promoting Optimal Development: Screening for Behavioral and Emotional Problems’ (http://pediatrics.aappublications.org/content/135/2/384) and ‘Poverty and Child Health in the United States’ (http://pediatrics.aappublications.org/content/137/6/e20160339/pdf).

TOBACCO, ALCOHOL, OR DRUG USE ASSESSMENT

• The header was updated to be consistent with recommendations.

DEPRESSION SCREENING

• Adolescent depression screening begins routinely at 12 years of age (to be consistent with recommendations of the US Preventive Services Task Force [USPSTF]).

MATERNAL DEPRESSION SCREENING

• Screening for maternal depression at 1-, 2-, 4-, and 6-month visits has been added.

• Footnote 16 was added to read as follows: “Screening should occur per ‘Incorporating Recognition and Management of Perinatal and Postpartum Depression Into Pediatric Practice’ (http://pediatrics.aappublications.org/content/126/5/1012).”

NEWBORN BLOOD

• Timing and follow-up of the newborn blood screening recommendations have been delineated.

• Footnote 19 has been updated to read as follows: “Confirm initial screen was accomplished, verify results, and follow up, as appropriate. The Recommended Uniform Newborn Screening Panel (http://www.hrsa.gov/advisorycommittees/mchba/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.uiuc.edu/summary/genes-r-us/files/obdsorders.pdf) establish the criteria for and coverage of newborn screening procedures and programs.”

NEWBORN BILIRUBIN

• Screening for bilirubin concentration at the newborn visit has been added.

• Footnote 21 has been added to read as follows: “Confirm initial screening was accomplished, verified results, and follow up, as appropriate. See ‘Hyperbilirubinemia in the Newborn Infant ≥35 Weeks’ Gestation: An Update With Clarifications’ (http://pediatrics.aappublications.org/content/124/6/1192).”

DYSIDIPEMIA

• Screening for dysidiome in patients aged ≤11 and 11 and 12 years, and once between 17 and 21 years of age (to be consistent with guidelines of the National Heart, Lung, and Blood Institute).

SEXUALLY TRANSMITTED INFECTIONS

• Footnote 29 has been updated to read as follows: “Adolescents should be screened for sexually transmitted infections (STIs) per recommendations in the current edition of the AAP Red Book: Report of the Committee on Infectious Diseases.”

• Screening for HIV has been updated to occur once between 15 and 18 years of age (to be consistent with recommendations of the USPSTF).

• Footnote 30 has been added to read as follows: “Adolescents should be screened for HIV according to the USPSTF recommendations (http://www.uspreventiveservicestaskforce.org/uspstf/uspsdnhiv.htm) once between the ages of 15 and 18, making every effort to screen all adolescents who are at increased risk of HIV infection, including those who are sexually active, participate in injection drug use, or are being tested for other STIs, should be tested for HIV and reassessed annually.”

ORAL HEALTH

• Fluoride supplementation has been added for fluoride supplementation, with a recommendation from the 6-month through 12-month and 18-month through 6-year visits.

• Footnote 34 has been updated to read as follows: “Verify results as soon as possible, and follow up, as appropriate.”

• Footnote 35 has been added to read as follows: “If primary water source is deficient in fluoride, consider oral fluoride supplementation. See ‘Fluoride Use in Caries Prevention in the Primary Care Setting’ (http://pediatrics.aappublications.org/content/134/6/1224).”

HIV

• A subheading has been added for the HIV universal recommendation to avoid confusion with STIs per selective screening recommendation.

• Screening for HIV has been updated to occur once between 15 and 18 years of age (to be consistent with recommendations of the USPSTF).

• Footnote 36 has been added to read as follows: “Adolescents should be screened for HIV according to the USPSTF recommendations (http://www.uspreventiveservicestaskforce.org/uspstf/uspsdnhiv.htm) both uptimes of 15 and 18, making every effort to screen all adolescents who are at increased risk of HIV infection, including those who are sexually active, participate in injection drug use, or are being tested for other STIs, should be tested for HIV and reassessed annually.”

ORAL HEALTH

• Assessing for a dental home has been updated to occur once during each time period.

• Footnote 8 has been updated to read as follows: “Perform a risk assessment (https://www.aap.org/RiskAssessmentTool) and refer to a dental home. Recommend brushing with fluoride toothpaste in the proper dosage for age. See ‘Maintenance and Improving the Oral Health of Young Children’ (https://www.aap.org/RiskAssessmentTool) and refer to a dental home. Recommend brushing with fluoride toothpaste in the proper dosage for age.”

• Footnote 35 has been added to read as follows: “If primary water source is deficient in fluoride, consider oral fluoride supplementation. See ‘Fluoride Use in Caries Prevention in the Primary Care Setting’ (http://pediatrics.aappublications.org/content/134/6/1224).”

TOBACCO, ALCOHOL, OR DRUG USE ASSESSMENT

• The header was updated to be consistent with recommendations.