

## **CLINICAL PRACTICE GUIDELINE**

		도도 같은 것 같은
	i, se a contra por el como e en entre presente e entre en esta de contra en entre en el contra per sua deserve	
	<ol> <li>C. M. 1997 Management of the start of the start and start and start and start and start of the s</li></ol>	
O THE ME DIME OHOLOF DO	CVV Transferrer and particular and an approximation of the West Transferrer and the second second second second	4 0 0 0 0 1 0 1 0 1 0 1 0 1 0 1 0 1 0 1
L'indalna Number HHVIP I HEHER PL-	1004 Effective Da	TA* 4/7018
<b>Guideline Number: DHMP CHOICE PG</b>		1UV+ //2UIU
- 가슴에 물건 등 가슴은 모르는 물건을 받았는 모습 2017년 개월 2017년 - 11월	the function of the second second and second to the first the second second second second second second second	a da da da da ante en esta en la casa en en la casa en en en de la entre en entre en entre en entre en la entre
	NA ANY ARY ARY AND	and the second secon
	in the structure of the term of the second second second term the second second second second second second sec	e an an ta chairte an ann an Ann amhrán an 1966, a' fheire da nachar fa dha chliann a fh
	a tra tra tra tra tra de la decensión de la complete de construcción de destructura de la construcción de la c	la de bara a cara a como o compose e entre o como o debarro e como e de cara entre de la deservación de la dese
		n tea substanti a completa de la com
이 그는 사람이는 것은 사람들에게 한 것을 위해 가지가 많이 가지 않는 것이 없는 것 같아. 가슴 가 가슴 가 다 가 다 가 다 가 다 가 다 가 다 가 다 가 다	The first second structure of the second	e de la calega de la calega de la composição de la composição de la composição de la composição de la composiç
Curidalina Curbiasta Cana of the Wall March.	$\mathbf{n}$	
Guideline Subject: Care of the Well Newbo	orn Revision Da	
n a second de la participación de la construcción de la construcción de la construcción de la construcción de l	arteria ette turin, danha arrena eran eran eran eran eran ette ette ette in eran berekende ette etter etter et	na an an an an an ann an an an an an an
	1.11 ACTIVE ATTACK REPORT AND A CONTRACT DECISION AND A CONTRACTACTACTACTACTACTACTACTACTACTACTACTACTA	(1) In the balance of the second s
1. Note that apply the full-based of the Children is the proper strategy protocol and provide the state of	regeneration and the termination of the second s	ender andere en de la sectore de la companya de la
na su sensi su se na su destructor 1970 - 20, 20, and a conservator presentation de presidente de presidentes e		
lanna a' an an ann an Anna Anna a' Anna anna a	マガル かちかん しんちかん たんちょう しゅうし かんかん しんしん かんかく しょうしん しゅうしん しんかい しゅうしん しょう 子行 もの	e ta antinan anena eren a la composita da Anena Anena Anena Anena Anena eren en el catera eren Anena Anena
Pages' 1 of 3		A share a first share a state of the
Pages: 1 of 3		See Structure and the second s Second second secon second second sec
n an bha 🖼 an tha ann an bha an bha bha a' bha ann an san ga an ga an	transferrer i transferrer e et 🖌 e e et e referrer e transferrer e transferrer i transferrer transferrer transferrer e et e	- Marco Materia Materia and a construction of the Armade and the second second second Armade Ar Armade Armade Arma Armade Armade Armade Armade Armade Armad Armade Armade Arma
in the first for the standard distribution in the standard structure standard structure in the		
e and the plant and lateral least lateral and the end to the protect of the term of the plant of the term of th	transferre e ventit i la est internet e se ventit tre contra de terre internet en est est est est est est est e	18-2018
n a sta bassa na sta fasta da ta		
	14.1 44. 44.2 19.2	/ Y / / 9/ Y
i da baha kata ang mina di kata ing kata kata ya kata kata kata kata ya kata ya kata ya kata ya kata ya kata y		
1 Construction and the second s Second second se Second second se Second second sec		👐 🗤 🐨 🗤 🐨 🖓 🐨 🐨 🐨 🐨 🐨 🐨 🖉 sta terra () sta a libria de la statistica terra de la statistica de la statis
n en ante en a companya de la factilita de la forma de la conterna marga de marga de la contença de la contenç	nagement Committee Chair Date	
l de la company de la comp	nagement Committee Chair Date	
	nancentul committee chair Date	이 방법 수 있는 것 같은 것 같

## I. PURPOSE:

To define the expected standards of outpatient care for well newborns, from birth to 30 days of age, covered by any of the Denver Health Medical Plans.

If a child comes under care for the first time at any point on the Bright Futures 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.

## **II. POPULATION:**

All infants, from birth through the first 30 days of life, covered by Denver Health Medical Plan, including Denver Health Medicaid Choice.

Care for the well-newborn immediately after birth is to be structured according to current inpatient hospital policy and nationally recognized/evidence based guidelines of care. Relevant Denver Health policies and guidelines are listed as references to this document.

## III. GUIDELINE:

A. Evaluation:

- 1. Newborns should have an evaluation within 3-5 days of birth; and within 48-72 hours after discharge from the hospital.
- 2. The newborn will be evaluated by a provider within 24 hours of birth.
- 3. Evaluation should include an evaluation for feeding and jaundice.
- 4. Breastfeeding is encouraged. Instruction and support should be offered. Breastfeeding newborns should receive a formal breastfeeding evaluation and mothers should receive encouragement and instruction.
- 5. Re-emphasize and support elements of quality postnatal care for mother and newborn, including identifications of issues, referrals, and follow-up.
- 6. Vitamin K within 1 hour of birth, to prevent hemolytic disease of the newborn.
- 7. Vitamin D within the first few weeks of life for breastfed infants.
- 8. Immunizations: in accordance with the ACIP Recommended Immunization Schedules.
- 9. Umbilical cord care to prevent infection.
- B. History and Physical Examination as per Bright Futures
  - 1. Developmental surveillance is recommended at all Well Visits
- C. Screening:
  - 1. Newborn Hearing Screen (per USPSTF recommendations)

Universal screening for hearing loss is recommended to detect infants with hearing loss and is legally mandated. Denver Health Policy: Automated Otoacoustic Emission Screening for Newborns, Denver Health Clinical Care Resource Guideline, PolicyStat ID 1784172

- 2. Pulse oximeter use within 24-48 hours of birth to screen for congenital heart disease
- 3. Newborn Screening per State of Colorado Guidelines. Initial and second test required by law on all newborns.
- 4. PKU: after 20 hours of life and at 8 days of life

## <u>NOTE:</u>

This guideline is designed to assist providers by providing an analytical framework for the evaluation and treatment of patients, and is not intended either to replace a clinicians judgment or to establish a protocol for all patients with a particular condition.



# CLINICAL PRACTICE GUIDELINE

Guideline Number: DHMP\_CHOICE\_PG1004

Guideline Subject: Care of the Well Newborn

**Pages:** 2 of 3

# Quality Management Committee Chair

- 5. Hyperbilirubinemia and hypoglycemia monitoring for those at risk
- D. Education and Anticipatory Guidance:
  - 1. Benefits of breastfeeding, provide support and follow-up
  - Relevant topics include: Environmental tobacco and marijuana exposure, maternal /paternal depression, the Bright Futures periodicity schedule, injury prevention, nutrition, positioning the infant, appropriate urination/stooling, care of umbilical cord/skin/genital care, recognition of warning signs, infant safety, hand hygiene, sleep positioning, Sudden Infant Death Syndrome (SIDS) prevention, jaundice and hyper-bilirubinemia.
  - 3. Denver Health encourages participation of family in care. It is recommended that both parents/primary caregivers attend well child checks as possible.
  - 4. Denver Health utilizes the Bright Futures Guideline and handouts for preventive care. Bright Futures is a "national health promotion and prevention initiative, led by the American Academy of Pediatrics and supported by the Maternal and Child Bureau, Health Resources and Services Administration. The Bright Futures guidelines provide theory-based and evidence-driven guidance for all preventive care screenings and well-child visits." Bright Futures content is accepted by NCQA for meeting HEDIS standards of care. Access to all Bright Futures content, materials & tools, and information can be found at <a href="https://brightfutures.aap.org/Pages/default.aspx">https://brightfutures.aap.org/Pages/default.aspx</a>.
- E. Homebirths:
  - 1. The World Health Organization recommends the first postnatal contact should be as early as possible within 24 hours of birth.
  - 2. Evaluation should be completed by a qualified clinician with knowledge of pediatric care, within 24 hours of birth and again within 48 hours of that evaluation.
  - 3. Additional assessments and interventions may be necessary for home birth newborns due to no hospitalization stay. The home birthed newborn should be evaluated and a plan of care will be formulated by the provider to meet the needs of the newborn.
- F. Breastfeeding:
  - 1. Denver Health observes the current recommendation that babies should be exclusively breastfed from birth until six months of age when possible. Mothers will be counseled and provided support for exclusive breastfeeding at each postnatal contact where applicable.
  - 2. The Denver Health Guideline: Breast-feeding the Healthy Term AGA Infant (PolicyStat ID 2034035) provides the framework for support and promotion of breastfeeding as applicable to Denver Health Ambulatory Care Clinics.

NOTE:

Effective Date: 9/2018 Revision Date: 9/2019

Date



# CLINICAL PRACTICE GUIDELINE

Effective Date: 9/2018

**Revision Date: 9/2019** 

Date

Guideline Number: DHMP\_CHOICE\_PG1004

Guideline Subject: Care of the Well Newborn

Pages: 3 of 3

Quality Management Committee Chair

# IV. ATTACHMENTS: Attachment A – Bright Futures Schedule, 2017

# V. **REFERENCES**:

AAFP Breastfeeding Advisory Committee. (2014). Breastfeeding Support Paper. AAFP.

American Academy of Pediatrics. (2017). Bright Futures: Prevention and Health Promotion for Infants, Children, Adolescents and their Failies. Elk Grove Village, Illinois, United States.

Bright Futures/AAP. (2017). Recommendations for Preventive Pediatric Health Care.

Kirsti L. Watterberg, M. (2013, May). Planned Home Birth. American Academy of Pediatrics, 131(5).

Shakib, J., Buchi, K., Smith, E., Korgenski, K., & Young, P. (2015, March). Timing of intial well-child visits and readmissions of newborns. *Pediatrics*, 135(3), 469-74.

NOTE:

# **Recommendations for Preventive Pediatric Health Care**

American Academy of Pediatrics DEDICATED TO THE HEALTH OF ALL CHILDREN®



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

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

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

visits also may become necessary if circumstances suggest variations from normal.

**Bright Futures/American Academy of Pediatrics** 

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 health supervision and the need to avoid fragmentation of care.

Refer to the specific guidance by age as 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, IL: American Academy of Pediatrics; 2017).

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.

	INFANCY										FARIN	ſ	N	IDDLE CH				ADOLESCENCE														
AGE <sup>1</sup>	Prenatal <sup>2</sup>	Newborn <sup>3</sup>			2 mo	4 mo	6 mo	9 mo	EARLY CHILDHOOD           12 mo         15 mo         18 mo         24 mo         3					3 y	4 v	5y 6y		7y 8y 9y		10y 11y		12 y	13 y	14 y	15 y 16 y				19 v	20 y	21 v	
HISTORY		•	•	•			•	•				•	•	•	•	<u> </u>									•	•	•	•	18 y	1		
Initial/Interval MEASUREMENTS	•	•	-	•	•	•	•	•	•	•	•	•	•	-	-	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Length/Height and Weight		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Head Circumference		•	•	•	•	•	•	•	•	•	•	•	-			-		-	-									-			-	
Weight for Length		•	•	•	•	•	•	•	•	•	•																			<b>—</b>		
Body Mass Index <sup>5</sup>												•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Blood Pressure <sup>6</sup>		*	*	*	*	*	*	*	*	*	*	*	*	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•
SENSORY SCREENING															1		Ì															
Vision <sup>7</sup>		*	*	*	*	*	*	*	*	*	*	*	*	•	•	•	•	*	٠	*	•	*	•	*	*	•	*	*	*	*	*	*
Hearing		●8	• <sup>9</sup> -		→	*	*	*	*	*	*	*	*	*	•	•	•	*	•	*	•	- →		•10	→		_ • _	<b>→</b>	-	<u> </u>	- • -	<b>→</b>
DEVELOPMENTAL/BEHAVIORAL HEALTH																																
Developmental Screening <sup>11</sup>								•			•		•																	'		
Autism Spectrum Disorder Screening <sup>12</sup>											•	•																				
Developmental Surveillance		•	•	•	•	•	•		•	•		•		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•
Psychosocial/Behavioral Assessment <sup>13</sup>		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•
Tobacco, Alcohol, or Drug Use Assessment <sup>14</sup>																						*	*	*	*	*	*	*	*	*	*	*
Depression Screening <sup>15</sup>																							•	•	•	•	•	•	•		•	•
Maternal Depression Screening <sup>16</sup>				•	•	•	•																									
PHYSICAL EXAMINATION <sup>17</sup>		•	•	•			•	•	•	•	•	•	•			•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•
PROCEDURES <sup>18</sup>																																
Newborn Blood		● <sup>19</sup>	● <sup>20</sup> -																													
Newborn Bilirubin <sup>21</sup>		•																														
Critical Congenital Heart Defect <sup>22</sup>		•																														
Immunization <sup>23</sup>		•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•		•	•	•	•		•	•
Anemia <sup>24</sup>						*			•	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Lead <sup>25</sup>							*	*	● or ★ <sup>26</sup>		*	● or ★ <sup>26</sup>		*	*	*	*															
Tuberculosis <sup>27</sup>				*			*		*			*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*
Dyslipidemia <sup>28</sup>												*			*		*		*	←	<b>— •</b> –	<b>→</b>	*	*	*	*	*	-			<b>•</b> • -	<b>→</b>
Sexually Transmitted Infections <sup>29</sup>																						*	*	*	*	*	*	*	*	*	*	*
HIV <sup>30</sup>																						*	*	*	*	-		• -		*	*	*
Cervical Dysplasia <sup>31</sup>																																•
ORAL HEALTH <sup>32</sup>							●33	● <sup>33</sup>	*		*	*	*	*	*	*	*															
Fluoride Varnish <sup>34</sup>							-				- •					->																
Fluoride Supplementation <sup>35</sup>							*	*	*		*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*	*					
ANTICIPATORY GUIDANCE	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	•	٠	•	•	•	•	•	•	•	•	•	•	•	•	•

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 parents who are at high risk, for first-time parents, 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/124/4/1227.full).
- 3. Newborns should have an evaluation after birth, and breastfeeding should be encouraged (and instruction and support should be offered).
- 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/129/3/e827.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/125/2/405.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\_4/S164.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 4 and 5 years, as well as in cooperative 3-year-olds. Instrument-based screening may be used to assess risk 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/e20153596) and "Procedures for the Evaluation of the Visual System by Pediatricians" (http://pediatrics.aappublications.org/content/137/1/e20153597)
- 8. 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 Programs" (http://pediatrics.aappublications.org/content/120/4/898.full).
- 9. Verify results as soon as possible, and follow up, as appropriate.
- 10. 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. See "The Sensitivity of Adolescent Hearing Screens Significantly Improves by Adding High Frequencies" (<u>http://www.jahonline.org/article/S1054-139X(16)00048-3/fulltext</u>).
- 11. See "Identifying Infants and Young Children With Developmental Disorders in the Medical Home: An Algorithm for Developmental Surveillance and Screening" (http://pediatrics.aappublications.org/content/118/1/405.full).

- ScreeningChart.pdf



The recommendations in this statement do not indicate an exclusive course of treatment or standard

12. Screening should occur per "Identification and Evaluation of Children With Autism Spectrum Disorders" (http://pediatrics.aappublications.org/content/120/5/1183.full).

13. 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/137/4/e20160339).

14. A recommended assessment tool is available at http://www.ceasar-boston.org/CRAFFT/index.php.

15. Recommended screening using the Patient Health Questionnaire (PHQ)-2 or other tools available in the GLAD-PC toolkit and at http://www.aap.org/en-us/advocacy-and-policy/aap-health-initiatives/Mental-Health/Documents/MH\_

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

17. At each visit, age-appropriate physical examination is essential, with infant totally unclothed and older children undressed and suitably draped. See "Use of Chaperones During the Physical Examination of the Pediatric Patient' (http://pediatrics.aappublications.org/content/127/5/991.full).

18. These may be modified, depending on entry point into schedule and individual need.

#### (continued)

- 19. Confirm initial screen was accomplished, verify results, and follow up, as appropriate. 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
- 20. Verify results as soon as possible, and follow up, as appropriate.
- 21. Confirm initial screening was accomplished, verify results, and follow up, as appropriate. See "Hyperbilirubinemia in the Newborn Infant ≥35 Weeks' Gestation: An Update With Clarifications" (http://pediatrics.aappublications.org/ content/124/4/1193).
- 22. 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 "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).
- 23. Schedules, per the AAP Committee on Infectious Diseases, are available at http://redbook.solutions.aap.org/SS/Immunization\_Schedules.aspx. Every visit should be an opportunity to update and complete a child's immunizations
- 24. See "Diagnosis and Prevention of Iron Deficiency and Iron-Deficiency Anemia in Infants and Young Children (0-3 Years of Age)" (http://pediatrics.aappublications. org/content/126/5/1040.full).
- 25. For children at risk of lead exposure, see "Low Level Lead Exposure Harms Children: A Renewed Call for Primary Prevention" (http://www.cdc.gov/nceh/lead/ACCLPP/ Final\_Document\_030712.pdf)
- 26. Perform risk assessments or screenings as appropriate, based on universal screening requirements for patients with Medicaid or in high prevalence areas
- 27. Tuberculosis testing per recommendations of the AAP Committee on Infectious Diseases, published in the current edition of the AAP Red Book: Report of the Committee on Infectious Diseases. Testing should be performed on recognition of high-risk factors.

- 28. See "Integrated Guidelines for Cardiovascular Health and Risk Reduction in Children and Adolescents" (https://www.nhlbi.nih.gov/health-topics/integrated-guidelinesfor-cardiovascular-health-and-risk-reduction-in-children-and-adolescents).
- 29. 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
- 30. Adolescents should be screened for HIV according to the USPSTF recommendations (http://www.uspreventiveservicestaskforce.org/uspstf/uspshivi.htm) once between the ages of 15 and 18, making every effort to preserve confidentiality of the adolescent. Those 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.
- 31. See USPSTF recommendations (http://www.uspreventiveservicestaskforce.org/ uspstf/uspscerv.htm). Indications for pelvic examinations prior to age 21 are noted in "Gynecologic Examination for Adolescents in the Pediatric Office Setting" (http://pediatrics.aappublications.org/content/126/3/583.full).
- 32. Assess whether the child has a dental home. If no dental home is identified, 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 "Maintaining and Improving the Oral Health of Young Children" (http:// pediatrics.aappublications.org/content/134/6/1224).
- 33. Perform a risk assessment (https://www.aap.org/RiskAssessmentTool). See "Maintaining and Improving the Oral Health of Young Children" (http:// pediatrics.aappublications.org/content/134/6/1224).
- 34. See USPSTF recommendations (http://www.uspreventiveservicestaskforce.org/ uspstf/uspsdnch.htm). Once teeth are present, fluoride varnish may be applied to all children every 3-6 months in the primary care or dental office. Indications for fluoride use are noted in "Fluoride Use in Caries Prevention in the Primary Care Setting" (http://pediatrics.aappublications.org/content/134/3/626)
- 35. 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/134/3/626).

# 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. For further information, see the Bright Futures Guidelines, 4th Edition, Evidence and Rationale chapter (https://brightfutures.aap.org/Bright%20Futures%20Documents/BF4\_Evidence\_Rationale.pdf).

## **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 changed to screening 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 Programs' (http://pediatrics.aappublications.org/content/120/4/898.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. See 'The Sensitivity of Adolescent Hearing Screens Significantly Improves by Adding High Frequencies' (http://www.jahonline.org/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/137/4/e20160339)."

#### TOBACCO, ALCOHOL, OR DRUG USE ASSESSMENT

The header was updated to be consistent with recommendations.

## **DEPRESSION SCREENING**

Services Task Force [USPSTF]).

### MATERNAL DEPRESSION SCREENING

- Screening for maternal depression at 1-, 2-, 4-, and 6-month visits has been added.
- and Postpartum Depression Into Pediatric Practice' (http://pediatrics.aappublications.org/content/126/5/1032)."

#### **NEWBORN BLOOD**

- Timing and follow-up of the newborn blood screening recommendations have been delineated.
- Footnote 20 has been added to read as follows: "Verify results as soon as possible, and follow up, as appropriate."

## **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, verify results, and follow up, as appropriate. See 'Hyperbilirubinemia in the Newborn Infant ≥35 Weeks' Gestation: An Update With Clarifications' (http://pediatrics.aappublications.org/content/124/4/1193)."

## **DYSLIPIDEMIA**

of age (to be consistent with guidelines of the National Heart, Lung, and Blood Institute).

#### SEXUALLY TRANSMITTED INFECTIONS

per recommendations in the current edition of the AAP Red Book: Report of the Committee on Infectious Diseases."

## HIV

- recommendation
- of the USPSTF).
- in injection drug use, or are being tested for other STIs, should be tested for HIV and reassessed annually."

#### **ORAL HEALTH**

- 16-year visits.
- pediatrics.aappublications.org/content/134/6/1224)."
- 'Maintaining and Improving the Oral Health of Young Children' (http://pediatrics.aappublications.org/ content/134/6/1224)."
- Footnote 35 has been added to read as follows: "If primary water source is deficient in fluoride, consider oral fluoride content/134/3/626)."

Adolescent depression screening begins routinely at 12 years of age (to be consistent with recommendations of the US Preventive

• Footnote 16 was added to read as follows: "Screening should occur per 'Incorporating Recognition and Management of Perinatal

 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/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."

• Screening for dyslipidemia has been updated to occur once between 9 and 11 years of age, and once between 17 and 21 years

Footnote 29 has been updated to read as follows: "Adolescents should be screened for sexually transmitted infections (STIs)

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

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

• 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/uspshivi.htm) once between the ages of 15 and 18, making every effort to preserve confidentiality of the adolescent. Those at increased risk of HIV infection, including those who are sexually active, participate

• Assessing for a dental home has been updated to occur at the 12-month and 18-month through 6-year visits. A subheading has been added for fluoride supplementation, with a recommendation from the 6-month through 12-month and 18-month through

• Footnote 32 has been updated to read as follows: "Assess whether the child has a dental home. If no dental home is identified, 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 'Maintaining and Improving the Oral Health of Young Children' (http://

• Footnote 33 has been updated to read as follows: "Perform a risk assessment (https://www.aap.org/RiskAssessmentTool). See

supplementation. See 'Fluoride Use in Caries Prevention in the Primary Care Setting' (http://pediatrics.aappublications.org/