# Well-Child-Care: The Cornerstone of Pediatric Healthcare

AAPA We are Family (Medicine)
Phoenix, Arizona
January 2024





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## **Disclosures**

I have no relevant relationships with ineligible companies to disclose within the past 24 months. (Note: Ineligible companies are defined as those whose primary business is producing, marketing, selling, reselling, or distributing healthcare products used by or on patients.)

## **Educational Objectives**

- List the components of the well-child visit according to the American Academy of Pediatrics.
- Describe the various tools and materials available to providers for well-child visits.
- Examine various practice models to develop a standardized way of approaching well-child visits.

# Well-Child Visit Components

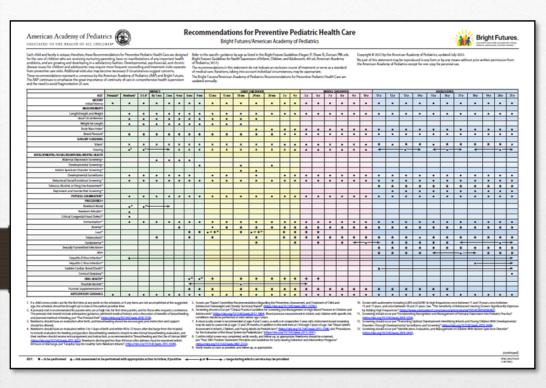
- Priorities/Questions from the Family
- History
- Surveillance of Development
- Review of Systems
- Observation of Parent-Child Interaction
- Physical Examination
- Screening
- Immunizations
- Anticipatory Guidance

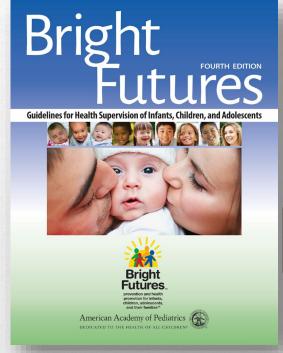


## AAP Gold Standard



- The American Academy of Pediatrics endorses Bright Futures as the gold standard resource for well-child-care.
- Bright futures...is a set of principles, strategies and tools that are theory-based, evidence-driven, and systems-oriented, that can be used to improve the health and well-being of all children through culturally appropriate interventions that address the current and emerging health promotion needs at the family, clinical practice, community, health system and policy levels.
- It is a strength-based approach to well-child-care.





The Periodicity Schedule tells you what to do in well-child visits, while the *Bright Futures Guidelines* tell you how to do it—and how to do it well.

## **Priorities**

### **Priorities for the 18 Month Visit**

The first priority is to attend to the concerns of the parents.

In addition, the Bright Futures Early Childhood Expert Panel has given priority to the following topics for discussion in this visit:

- ► Temperament, development, toilet training, behavior, and discipline (anticipation of return to separation anxiety and managing behavior with consistent limits, recognizing signs of toilet training readiness and parental expectations, new sibling planned or on the way)
- Communication and social development (encouragement of language, use of simple words and phrases, engagement in reading, playing, talking, and singing)
- ► Television viewing and digital media (promotion of reading, physical activity and safe play)
- ► Healthy nutrition (nutritious foods; water, milk, and juice; expressing independence through food likes and dislikes)
- ➤ Safety (car safety seats and parental use of seat belts, poisoning, sun protection, firearm safety, safe home environment: burns, fires, and falls)

# History

#### History

Interval history may be obtained according to the concerns of the family and health care professional's preference or style of practice. The following questions can encourage in-depth discussion:

#### **General Questions**

- What are you most proud of since our last visit? (If the parent responds, "Nothing," the clinician should be prepared with a compliment, such as, "You made time for this visit despite your busy schedule.")
- What's exciting about this stage of development? What do you like most about this age?
- How are things going in your family?
- Let's talk about some of the things you most enjoy about your child.
- What questions or concerns do you have about your child?

#### **Past Medical History**

Has your child received any specialty or emergency care since the last visit?

#### **Family History**

Has your child or anyone in the family (parents, brothers, sisters, grandparents, aunts, uncles, or cousins) developed a new health condition or died? If the answer is Yes: Ascertain who in the family has or had the condition, and ask about the age of onset and diagnosis. If the person is no longer living, ask about the age at the time of death.

#### **Social History**

- What major changes have occurred in your family since your last visit? Tell me about any stressful events. What is the effect of these changes on your family?
- What are some of the things you find most difficult about your child?

# Surveillance of Development

#### **Surveillance of Development**

## Do you or any of your child's caregivers have any specific concerns about your child's development, learning, or behavior?

Clinicians using the *Bright Futures Tool and Resource Kit* Previsit Questionnaires or another tool that includes a developmental milestones checklist, or those who use a structured developmental screening tool, need not ask about these developmental surveillance milestones. (*For more information, see the Promoting Healthy Development theme.*)

#### **Social Language and Self-help**

Does your child

- Engage with others for play?
- Help dress and undress self?
- Point to pictures in book?
- Point to object of interest to draw your attention to it?
- Turn and look at adult if something new happens?
- Begin to scoop with spoon?
- Use words to ask for help?

#### **Verbal Language (Expressive and Receptive)**

Does she

- Identify at least 2 body parts?
- Name at least 5 familiar objects, such as ball or milk?

#### **Gross Motor**

Does he

- Walk up with 2 feet per step with hand held?
- Sit in small chair?
- Carry toy while walking?

#### **Fine Motor**

Does she

- Scribble spontaneously?
- Throw small ball a few feet while standing?

# Review of Systems

## **Review of Systems**

The Bright Futures Early Childhood Expert Panel recommends a complete review of systems as a part of every health supervision visit. This review can be done through questions about the following:

Do you have concern about your child's

- Head
  - Shape
- Eyes
  - Cross-eyed
- Ears, nose, and throat
- Breathing
- Stomach or abdomen
  - Vomiting or spitting
  - Bowel movements
- Genitals or rectum
- Skin
- Development
  - Muscle strength, movement of arms or legs, any developmental concerns

# Observation of Parent-Child Interaction

## **Observation of Parent-Child Interaction**

During the visit, the health care professional acknowledges and reinforces positive parentchild interactions and discusses any concerns. Observation focuses on

- How do the parent and child communicate?
- What are your child care needs?
- If handed a book, does the child show the parent pictures (shared attention)?
- Does the parent speak clearly and in a conversational tone when addressing the child?
- What is the tone of the parent-child interactions and the feeling conveyed? Does the parent notice and acknowledge the child's positive behaviors?
- How does the parent guide the child to learn safe limits?
- Does the parent seem positive when speaking about the child?

# Physical Examination

#### **Physical Examination**

#### A complete physical examination is included as part of every health supervision visit.

When performing a physical examination, the health care professional's attention is directed to the following components of the examination that are important for a child this age:

#### Measure and plot on appropriate WHO Growth Chart

- Recumbent length
- Weight
- Head circumference
- Weight-for-length

#### Neurologic

- Observe gait (walking and running), hand control, and arm and spine movement. Note communication efforts.
- Formal motor system testing is indicated at this age.
- Note behavior (adult-child interaction, eye contact, use of gestures)

#### Eyes

- Assess ocular motility.
- Examine pupils for opacification and red reflexes.
- Assess visual acuity using fixate and follow response.

#### Mouth

 Note number of teeth and observe for caries, plaque, demineralization (white spots), staining, and injury.

#### Abdomen

- Palpate for masses.

#### Skir

- Observe for nevi, café-au-lait spots, birthmarks, or bruising.
- Note behavior (adult-child interaction, eye contact, use of gestures)

# Screening

Screening		
Universal Screening	Action	
Autism	Autism spectrum disorder screen	
Development	Developmental screen	
<b>Oral Health</b> (in the absence of a dental home)	Apply fluoride varnish after first tooth eruption and every 6 months.	
Selective Screening	Risk Assessment	Action if Risk Assessment Positive (+)
Anemia	+ on risk screening questions	Hematocrit or hemoglobin
Blood Pressure	Children with specific risk conditions or change in risk	Blood pressure measurement
Hearing	+ on risk screening questions	Referral for diagnostic audiologic assessment
Lead	If no previous screen or change in risk	Lead blood test
Oral Health	Does not have a dental home	Referral to dental home or, if not available, oral health risk assessment
	Primary water source is defi- cient in fluoride.	Oral fluoride supplementation
Vision	+ on risk screening questions	Ophthalmology referral

## **Immunizations**

## **Immunizations**

Consult the CDC/ACIP or AAP Web sites for the current immunization schedule.

CDC National Immunization Program: www.cdc.gov/vaccines

AAP Red Book: http://redbook.solutions.aap.org

# **Anticipatory Guidance**

#### **Priority**

#### Communication and Social Development

Encouragement of language, use of simple words and phrases, engagement in reading, playing, talking, and singing

## Encouragement of Language, Use of Simple Words and Phrases, Engagement in Reading, Playing, Talking, and Singing

The development of language and communication during the early childhood years is of central importance to the child's later growth in social, cognitive, and academic domains. Communication is built on interaction and relationships. Health care professionals have the opportunity to educate parents about the importance of language stimulation, including singing songs, reading, and talking to their child. Parent-child play, in which the child takes the lead and the parent is attentive and responsive, elaborating but not controlling, is an excellent technique for enhancing both the parent-child relationship and the child's language development. Because young children are active learners, they find joy in exploring and learning new words.

Parents may ask health care professionals about the effects of being raised in a bilingual home. They may be reassured that this situation permits the child to learn both languages simultaneously. Parents should be encouraged to speak, play, talk, and sing in whatever language they feel most comfortable. What is most important is that the child be exposed to rich, diverse language in any language.

Provide anticipatory guidance about reading aloud at every visit. Look for opportunities to provide children's books at each visit, if they can be made available. The AAP supports the use of Reach Out and Read and other programs for literacy promotion.

#### Sample Questions

How does your child communicate what she wants? Who or what does she call by name? What gestures does she use to communicate effectively? For example, does she point to something she wants and then watch to see if you see what she's doing? Does she wave "bye-bye"?

#### **Anticipatory Guidance**

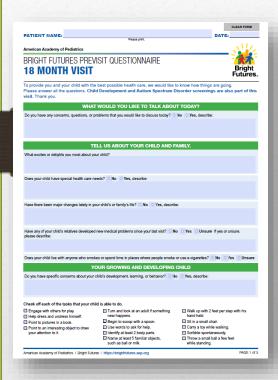
- Encourage your toddler's language development by reading and singing to her, and by talking about what you both are seeing and doing together. Books do not have to be read. Talk about the pictures or use simple words to describe what is happening in the book. Do not be surprised if she wants to hear the same book over and over. Words that describe feelings and emotions will help your child learn the language of feelings.
- Although play in which your child takes the lead is a wonderful activity, you also will often need to play an active role with your 18-month-old. You may want to make up a story with figures or characters that can be based on an activity you have done together or a book you have read together.
- Ask your child simple questions, affirm her answers, and follow up with simple explanations.
- Use simple, clear phrases to give your child instructions.

## Tools and Materials

- Pre-visit Questionnaire
- Visit Documentation Form
- Parent/Child Educational Handout

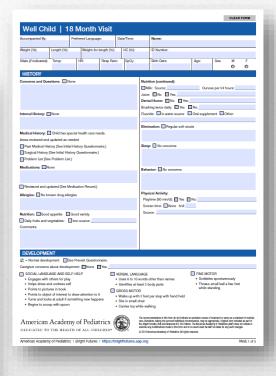
## Pre-visit Questionnaire

Gathers pertinent information BEFORE the visit



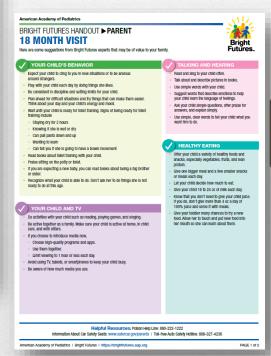
### Visit Documentation Form

Records activities DURING the visit



## Parent/Patient Educational Handout

Reinforces anticipatory guidance AFTER the visit



# What are the Benefits of the Bright Futures Toolkit?

- Toolkit helps you provide standardized care
  - All the forms are closely linked to Bright Futures visit components and recommendations, making clinical activities and messages consistent throughout
  - Completed visit documentation forms help you track care over time, ensuring that all patients receive recommended exams, screenings, immunizations, and anticipatory guidance
- AND it helps you provide individualized care
  - Forms allow parent/patient priorities and concerns to surface, giving you opportunities to tailor care and anticipatory guidance

## Pre-visit Questionnaire

- What does it cover?
  - Priorities
  - Strength-based questions
  - Surveillance of Development
  - Medical Screening
  - Anticipatory Guidance
- There are separate forms for the patient starting at age 11 years. From 11-14 years, there are versions with and without sensitive questions.
- Written in plain language

## Visit Documentation Form

- Health care professional uses DURING visit to document activities and conforms to evaluation and management (E/M) documentation guidelines
- Includes sections for each component of visit:
  - History
  - Development
  - Social and Family History
  - Review of systems
  - Physical examination
  - Assessment
  - Anticipatory guidance
  - Plan

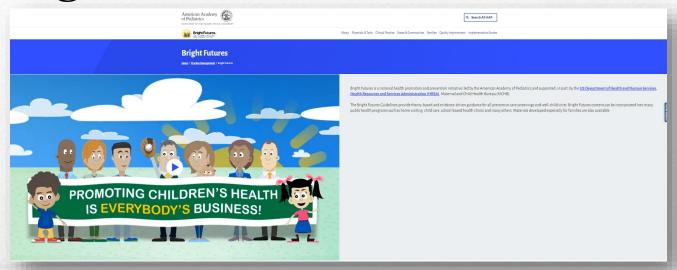
## **Educational Handout**

- Parent handouts for 1<sup>st</sup> Week to 17 Year Visits
- Patient handouts for the 7 Year to 21 Year Visits
- Summarize anticipatory guidance for the visit
- Tied to the 5 priorities for that visit
- Written in plain language

# Additional Resources

- Website
- Tip Sheets
- EHR Integration
  - Telehealth

## Bright Futures Website Resources









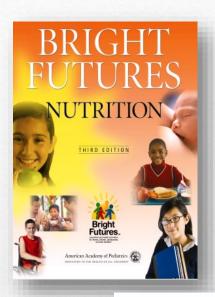


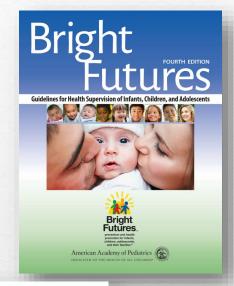
States and Communities Put Bright Futures into practice to promote health at the state and community levels.

Families use Bright Futures as a framework to partner with professionals about their children's health

aap.org/brightfutures

## Professional Resources





## **Bright Futures**

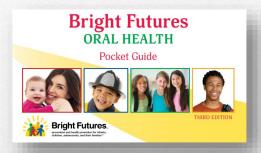
**Building Positive Parenting Skills Across Ages** 

#### Free PediaLink Course Available Now!

Get the knowledge and skills to provide parental support and advice - Free course!















## Additional Web Resources for Families





visits are important for ALL children, including children and youth with special health care needs who may also be under the care of specialists. Your conversations can range from sharing your successes and milestones, to overall concerns about child development to challenges in daily routines. Think of these visits as your chance to learn as much as you can about the best ways to help your child grow. By focusing on your child's growth and learning, both you and your health care professional make sure your child is developing. as expected. Your family and health care profess understanding your family's culture and traditions

team during the visit, take a

your child's health and

Write a list of question them during your visit. If ask the most important another time for a long Planner (see link below) your health care profess to ask questions about I

3 Gather information that health care professional



La visita de control del niño: Por qué ir y qué esperar



medidas simples para prepararse. Por elemplo

- Anote lo que hava observado respecto a la salud y el desarrollo de su hijo. Incluya todos los ambios en la conducta o en las rutinas familiares.
- Haga una lista de preguntas. Tendrá tiempo para plantearlas durante la visita. Si tiene muchas (vea el enlace a continuación) es una herramienta
- Reúna información que pueda ser útil para su profesional de atención médica. Comparta información de la escuela (como p. ej. el programa de educación individualizada) o de la guardería para ayudar al profesional de ate médica a saber más sobre su hijo.



La salud de su familia

incluye 4 actividades específicas:

- Al concentrarse en cada actividad, su profesional de la stención médica le ofrece herramientas e información que puede usar para respektar el desarrollo de su hijo.

#### ¿De qué hablará usted?







# Implementation Tip Sheets



#### IMPLEMENTATION TIP SHEET



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Integrating Adolescent Health Screening Into Health Supervision Visits

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Promoting Health for Children and Youth With Special Health Care Needs

Lawrag or credition and youth with special health core needs is a growing responsibility for health care professionals. Advances in resident and standardors and the expansion of pediatric home care mean is special invest.\*\* we make the chief of the chief.

special needs are surviving into successfully into home and con Nearly 20% of the childhood po

asthma. Each age or stage pro Not administrative tracking developmental tasks, and thes children with special health car Along with their particular medi issues, children and youth with have many of the same health weight, and record pro-present quantitation di typically developing children. T provides an opportunity for hea provide regular preventive and care for the unique needs relati

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IMPLEMENTATION TIP SHEET



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Practical Tips for Promoting Relational Health

Pediatric health professionals can support healthy develop-ment of children and families in their care through facilitat-ing safe, stable, and nurturing relationships (SSNR) be-tween adults and children. This includes ensuring that they importantly, a strength-based, relational health framework leverages those SSNRs to proactively promote the skills needed to respond to future adversity in a healthy, adap-tive manner. The power of relational health is that it not have appropriate supports and services to enable them to only buffers adversity when it occurs, but also proactively have appropriate supports and services to enable them from and maintain SSNRs. The American Academy of Ped-atrics (AAP) considers SSNRs to be biological necessities for all infliders because they miligate inflination duto stress responses and proadtively build retilience by batiering the adaptive stills needed to cope with future adversity in a healthy manner. Early relational health (ERFI) begins during promotes future resilience. The toxic stress framework may help to define many of our most intractable problems at a blological level, but a relational health framework helps to define the much-needed solutions at the individual, familial, and community levels. Advances in developmental sciences inform a deeper Advance in developmental solences inform a deeper understanding of how early the experience, both nutaring and advene, are biologically embedded and influence out-comes in health, equations, and economic stability across the life spar. Although children experiencing disorder cataly-atorphic events (e.g., quoue) are at a light nich for facts other responses, epitienticopy suggests that the largest number of orlinism at such fairs we those affected by orgoing chronic life conditions (eg. neglect, poverly, and radism).

A spectrum of trauma and adversity exists, from discrete, Aspectation or stanta and solvening presion, from decircle, threatening events (e.g. abuse, bullying, or man-made and natural disasters) to ongoing, chronic hardships (e.g. poverty, historical racism, social solution, neglect, asietism, or acuter chronicolompicstransigenerational trauma). These varied traumas and adversities share the potential to trigger loxic stress responses and to inhibit the formation of SSNRs When prolonged or significant adversity exists in the ab-sence of mitigating social and emotional buffers, toxic str refers to a wide array of biological changes that occur at the molecular, celturar, and behavioral levels. Whether such advertish-induced changes are adaptive and health promoting or maladaptive and "loxis" depends on the context.

The AAP notes differences between a toxic-stress-focus approach and a relational health approach to child and approach and a relational health approach to child and family health. The totols stress framework by lise file a problem-floused model based on what happens biological by in the absence of mitigating social and emotional buffers. Conversely, a trauma-informed care approach tocuses on relational health by promoting the SSNNs that "turn off" the body's stress machinery in a timely manner." Even more

Bright Futures is a national health promotion and prevention initiative, led by the American Academy of Pediatrics (AAP)

and supported by the Maternal and Child Health Bureau, Health Resources and Services Administration. The Bright

guidance for all preventive care screenings and well-child

more about Bright Futures and get Bright Futures material



Bright Futures

IMPLEMENTATION TIP SHEET



Eliciting Youth and Parental Strengths and Needs

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Integrating Social Determinants of Health Into Health Supervision Visits

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Promoting Safety and Injury Prevention

Ensuring children messin safe from harm or injury requires Emuting children mesain sale from harm of ritigay requires ongoing participation by families and children betweeners. Safety and injury provention occanelling is an important educational and motivational bod that pedateto health care professionals have long recognized is exempted for helping families been their children safe. There are 2 general

segence or migrates. Uninhesitional injuries mealt from various meshasinas, including motor vehicle creates, falle, hums, policiesing, dreveling, faverants, exceedioral activities and sports, and drug and policies ingestions. Uninhesitional sulpries coefficies to be a leeding cause of death and morbidity among infants, châdren, and youth 1 through 20 years of dags.

Intentional injuries result from behaviors designed to hust oneself or others, such as assault, suicide, and homicide. Pediatric health care professionals should be plent to the possibility of violence in a child's environment, as children exposed likely to exhibit violent behaviors.)

Guidance on interventions and strategies to ensure safety and prevent injuries targets 3 domains:

The child's environment and exposure to potential risks

The circumstances surrounding the event leading to injury, including behaviors of the child and caregivers

Participle health care professionals should work with funding

#### ABOUT BRIGHT FUTURES

Bright Futures is a malicial health promotion and prevendo major inclusion is induced to relate processing of Prediction (and by the American Academy of Prediction (AAA) and supported by the Makeral and Child Health Starres. Health Starres and Sendors Administration. The Begalf Februar Collections provide theory based and reference determined to the Collection of the Sendors of public health programs such as home stating, child care, achool-based health clinics, and many others. Materials

American Academy of Pediatrics

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Promoting Healthy and Safe Use of Social Media

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12 Practical Tips for Implementing Bright Futures Guidelines at the State or Community Level

Futures

IMPLEMENTATION

Promoting Healthy Weight

IMPLEMENTATION

Promoting Mental Health

Futures

IMPLEMENTATION

Promoting Healthy Development of Sexuality and Gender Identity

The approach is distancing assemilaries in security or production of the control of the control

American Academy of Pediatrics

# Practice Integration

- Use of other developmental screening tools
  - Integration with EMR/HER
    - Telehealth

# Other Developmental Screening Tools

- Great! Bright Futures does not exclude the use of these screening tools such as the Ages and Stages Questionnaire, PEDS Developmental Screen, or other state-required screening tools.
- As the AAP recommends that well-child care be provided with a standardized approach, using a standardized resource ensures that this happens

# EMR/EHR Integration

- The *Bright Futures Toolkit* Integration Resources page houses resources for EHR/integration partners.
- Forms are available in multiple formats and can be printed out, emailed, or pushed to a patient portal.

### **Bright Futures Toolkit Integration Resources**

March 22, 2022

Bright Futures Toolkit Integration Resources are for use by group practices and institutions, and require an organization license.

If you have an active organization license but cannot access this resource, contact your institution's administrator or AAP Member & Customer Care at mcc@aap.org.

For more information about obtaining an organization license for your group practice or institution, please fill out the form at https://go.aap.org/brightfuturesform and AAP staff will contact you.

## **Telehealth**

• Recent years have highlighted the use of telehealth to continue care for our patients from their medical home in a safe manner.

• As it is the gold standard in well-child care, the AAP continues to encourage the use of a standardized approach such as the *Bright Futures Guidelines* in these circumstances.

## Additional AAP Telehealth Resources

## Telehealth Tips for Pediatricians

The resources provide tips to help minimize implementation barriers as well as important considerations when using telehealth services.

## Promoting Telehealth Campaign Toolkit

Download and share social media graphics, videos and links to HealthyChildren.org articles to help families in your practice better understand the basics of a telehealth appointment and how to get ready for one.

## Facilitated Mini Trainings: Telehealth

These trainings help review telehealth-related topics with staff and other team members. Each training consists of powerpoint slides, speakers notes, and a case study.

PediaLink Course: Providing Telehealth and Distant Care Services in Pediatrics

## Take Home Points

- Well-child care includes all aspects of pediatric care, from parental priorities to anticipatory guidance.
- PAs are well-positioned to be a medical home for pediatric patients, especially in family medicine.
- Well-child care should be done in a standardized way to ensure quality pediatric preventive care.
- AAP Bright Futures can help you provide this standardized care.

## References

- AAP Bright Futures Website <u>aap.org/brightfutures</u>
- AAP Bright Futures Tool and Resource Kit <a href="https://www.aap.org/en/practice-management/bright-futures/bright-futures-materials-and-tools/bright-futures-tool-and-resource-kit/">https://www.aap.org/en/practice-management/bright-futures-tool-futures/bright-futures-materials-and-tools/bright-futures-tool-and-resource-kit/</a>
- AAP Implementation Tip Sheets <u>aap.org/en/practice-management/bright-futures/bright-futures-in-clinical-practice/bright-futures-tip-sheets-for-clinical-practices/</u>
- AAP Telehealth Resources <a href="https://www.aap.org/en/practice-management/care-delivery-approaches/telehealth/">https://www.aap.org/en/practice-management/care-delivery-approaches/telehealth/</a>

# Questions

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