

Bright Futures - Infancy and Early Childhood

Measures

Directions: Please review 20 or more charts of patients who were seen for a 9 or 24 month health supervision visit within the last calendar year (ideally, the last 10 charts from each age group).

1. Pull 10 or more **random** charts of patients recently seen for their 9 month health supervision visit.
2. Pull 10 or more **random** charts of patients recently seen for their 24month health supervision visit.

Aim	Data Collection Question	Measure	Goal
	1. Health Supervision Visit age: <input type="radio"/> 9 months <input type="radio"/> 24 months	Not Measured	
100% of patient charts will have documentation in the medical record that the patient/family was asked if they had any concerns at the most recent health supervision visit.	(9 month & 24 month) 2. Is there documentation in the medical record that patient/family concerns were <u>elicited</u> at the most recent health supervision visit? <input type="radio"/> Yes <input type="radio"/> No <i>If no, (9 month chart) skip to Question #3.</i> <i>If no, (24 month chart) skip to Question #4.</i>	Name: Patient/Family Concerns Elicited KCA: Elicit and Address Patient/Family Concerns Definition: Percentage of patients/families that were asked if they had concerns. Source: 9 month tool, Question(s) #2 Source: 24 month tool, Question(s) #2 Numerator: Yes selected in Question #2 Denominator: Total Number of Charts (9 month & 24 month)	100%

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Aim	Data Collection Question	Measure	Goal
100% of patients/families who expressed concerns will have those concerns addressed and documented in the medical record.	<p>(9 month & 24 month)</p> <p>2a. If yes, did the patient/family express concerns? <input type="radio"/> Yes <input type="radio"/> No <i>If no, (9 months chart) skip to Question #3.</i> <i>If no, (24 month chart) skip to Question #4.</i></p> <p>2b. If yes, were those concerns addressed? <input type="radio"/> Yes <input type="radio"/> No</p>	<p>Name: Patient/Family Concerns Addressed</p> <p>KCA: Elicit and Address Patient/Family Concerns</p> <p>Definition: Percentage of patients/families that expressed concerns had their concerns addressed.</p> <p>Source: 9 month tool, Question(s) #2a & 2b Source: 24 month tool, Question(s) #2a & 2b</p> <p>Numerator: Yes selected in Question #2b</p> <p>Denominator: Total Number of Charts With Yes selected in Question #2a (9 month & 24 month)</p>	100%
100% of patient's will have documentation of an age appropriate developmental screening completed at the most recent health supervision visit.	<p>(9 month only)</p> <p>3. Is there documentation in the medical record indicating that an age appropriate developmental screening was completed at the most recent health supervision visit? <input type="radio"/> Yes <input type="radio"/> No <i>If no, skip to Question #6</i></p>	<p>Name: Age appropriate developmental screening completed</p> <p>KCA: Perform Developmental Screening and Autism Screening and Follow-up</p> <p>Definition: Percentage of patients with age appropriate developmental screen completed at the last health supervision visit.</p> <p>Source: 9 month tool, Question # 3</p> <p>Numerator: Yes selected in Question #3</p> <p>Denominator: Total Number of Charts (9 month only)</p>	100%
	<p>(9 month only)</p> <p>3a. If yes, developmental screening was completed, was the screen positive? <input type="radio"/> Yes <input type="radio"/> No <i>If no, skip to Question #6</i></p>	Not Measured	

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Aim	Data Collection Question	Measure	Goal
100% of patients with a positive developmental screen will have a follow-up plan established and documented in the medical record.	(9 month only) 3b. If yes, and the developmental screening was positive, is there documentation in the medical record that a follow-up plan was established? <input type="radio"/> Yes <input type="radio"/> No	Name: Follow-up plan established for positive developmental screens KCA: Perform Developmental Screening and Autism Screening and Follow-up Definition: Percentage of patients with a positive developmental screen, will have a follow-up plan established. Source: 9 month tool, Question(s) #3a & 3b Numerator: Yes selected in Question #3b (9 month only) Denominator: Total Number of Charts With Yes selected in Question #3a (9 month only)	100%
100% of patients will have an age appropriate autism specific screening completed by the 24 month health supervision visit and documented in the medical record.	(24 month only) 4. Is there documentation in the medical record indicating that an age appropriate autism specific screening was completed at the most recent health supervision visit? <input type="radio"/> Yes <input type="radio"/> No If no, skip to Question # 5	Name: Age appropriate autism specific screen completed KCA: Perform Developmental Screening and Autism Screening and Follow-up Definition: Percentage of patients with age appropriate autism specific screen completed by the 24 month health supervision visit. Source: 24 month tool, Question(s) #4 Numerator: Yes selected in Question #4 Denominator: Total Number of Charts (24 month only)	100%
	(24 month only) 4a. If yes, autism specific screening was completed, was a positive screen identified? <input type="radio"/> Yes <input type="radio"/> No If no, skip to Question # 5	Not Measured	

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Aim	Data Collection Question	Measure	Goal
100% of patients with a positive autism specific screen will have a follow-up plan established.	(24 month only) 4b. If yes, and the patient had a positive autism specific screen, was a follow-up plan established? <input type="radio"/> Yes <input type="radio"/> No	Name: Follow-up plan established for positive autism specific screens KCA: Perform Developmental Screening and Autism Screening and Follow-up Definition: Percentage of patients with a positive autism specific screen, will have a follow-up plan established. Source: 24 month tool, Question(s) #4a & #4b Numerator: Yes selected in Question #4b (24 month only) Denominator: Total Number of Charts With Yes selected in Question #4a (24 month only)	100%
100% of patients will have their BMI measured and plotted on the percentile curves according to age and sex at the 24 month health supervision visit.	(24 Month only) 5. Is there documentation in the medical record that the patient's BMI was measured and plotted on the percentile curves according to age and sex at the 24 month health supervision visit? <input type="radio"/> Yes <input type="radio"/> No	Name: BMI measured and plotted on percentile curves KCA: Perform Age Appropriate Risk Assessment & Medical Screening Definition: Percentage of patients with documentation in the medical record that BMI was measured and plotted on the percentile curves at the 24 month health supervision visit. Source: Question(s) #5 (24 month only) Numerator: Yes selected in Question #5 (24 month only) Denominator: Total Number of Charts (24 month only)	100%
100% of patients will have documentation in the medical record that family strengths were assessed at the most recent health supervision visit.	(9 month & 24 month) 6. Is there documentation in the medical record indicating that family strengths were assessed at the most recent health supervision visit? <input type="radio"/> Yes <input type="radio"/> No	Name: Family strengths assessed KCA: Elicit and Discuss Family Strengths Definition: Percentage of patient charts with documentation that family strengths were assessed at the most recent health supervision visit. Source: Questions #6 Numerator: Yes selected in Question #6 Denominator: Total Number of Charts (9 month & 24 month)	100%

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Aim	Data Collection Question	Measure	Goal
100% of patients will have documentation in the medical record that family strengths were discussed at the most recent health supervision visit.	(9 month & 24 month) 7. Is there documentation in the medical record indicating that family strengths were discussed at the most recent health supervision visit? <input type="radio"/> Yes <input type="radio"/> No	Name: Family strengths discussed KCA: Elicit and Discuss Family Strengths Definition: Percentage of patients with documentation that family strengths were discussed at the most recent health supervision visit. Source: Questions #7 Numerator: Yes selected in Question #7 Denominator: Total Number of Charts (9 month & 24 month)	100%
100% of patients will have documentation in the medical record that an age appropriate risk assessment was completed at the most recent health supervision visit.	(9 month & 24 month) 8. Is there documentation in the medical record indicating that an age appropriate risk assessment was completed at the most recent health supervision visit? <input type="radio"/> Yes <input type="radio"/> No If no (9 months chart), skip to Question #9 If no (24 months chart), skip to Question #11	Name: Risk assessment completed KCA: Perform Age Appropriate Risk Assessment & Medical Screening Definition: Percentage of patient charts with documentation that risk assessment was completed and documented. Source: Question(s) #8 Numerator: Yes selected in Question #8 Denominator: Total Number of Charts (9 month & 24 month)	100%
	(9 month & 24 month) 8a. If yes, age appropriate risk assessment was completed, was a positive screen identified? <input type="radio"/> Yes <input type="radio"/> No If no (9 months chart), skip to Question #9 If no (24 months chart), skip to Question #11	Not Measured	

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Aim	Data Collection Question	Measure	Goal
100% of patients will have documentation in the medical record that identified risks were addressed at the most recent health supervision visit.	(9 month & 24 month) 8b. If yes, risk assessment was completed and risks were identified, were the identified risks addressed at the most recent health supervision visit? <input type="radio"/> Yes <input type="radio"/> No	Name: Identified risks addressed KCA: Perform Age Appropriate Risk Assessment & Medical Screening Definition: Percentage of patient charts with documentation of a positive risk assessment that had those risks addressed. Source: Question(s) #8b Numerator: Yes selected in Question #8b Denominator: Total Number of Charts with Yes selected in #8a	100%
100% of patients will have documentation in the medical record that weight for length was measured and plotted on the percentile curves by age and sex at the 9 month health supervision visit.	(9 month only) 9. Is there documentation in the medical record indicating that the patient's weight for length was measured and plotted on the percentile curves according to age and sex at the 9 month health supervision visit? <input type="radio"/> Yes <input type="radio"/> No	Name: Weight for length measured and plotted on percentile curve KCA: Perform Age Appropriate Risk Assessment & Medical Screening Definition: Percentage of patient charts with documentation that weight for length was measured and plotted on the percentile curves for age and sex at the 9 month health supervision visit. Source: Questions #9 Numerator: Yes selected in Question #9 Denominator: Total Number of Charts (9 month only)	100%

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Aim	Data Collection Question	Measure	Goal
100% of patients will have documentation in the medical record that at least 1 of the Bright Futures priorities (anticipatory guidance) were discussed at the most recent health supervision visit.	<p>(9 month & 24 month)</p> <p>10./11.What Bright Futures priorities (anticipatory guidance) were discussed at the most recent health supervision visit? (<i>select all that apply</i>)</p> <p><u>9 month visit:</u></p> <ul style="list-style-type: none"> a) Family adaptations (discipline [parenting expectations, consistency, behavior management], cultural beliefs about child-rearing, family functioning, domestic violence) b) Infant independence (changing sleep pattern [sleep schedule], developmental mobility [safe exploration, play], cognitive development [object permanence, separation anxiety, behavior and learning, temperament versus self-regulation, visual exploration, cause and effect], communication) c) Feeding routine (self-feeding, mealtime routines, transition to solids [table food introduction], cup drinking [plans for weaning]) d) Safety (car safety seats, burns [hot stoves, heaters], window guards, drowning, poisoning [safety locks], guns) <p><u>24 month visit:</u></p> <ul style="list-style-type: none"> a) Television viewing (limits on viewing, promotion of reading, promotion of physical activity and safe play) b) Temperament and behavior (sensitivity, approachability, adaptability, intensity) c) Assessment of language development (how child communicates, expectations for language) d) Toilet training (what have parents tried, techniques, personal hygiene) e) Safety (car safety seats, parental use of safety belts, bike helmets, outdoor safety, guns) 	<p>Name: Bright Futures priorities (anticipatory guidance) discussed</p> <p>KCA: Provide Anticipatory Guidance</p> <p>Definition: Percentage of patient charts with documentation that at least 1 of the Bright Futures priorities were discussed at the most recent health supervision visit.</p> <p>Source: 9 month tool, Question(s) #10 Source: 24 month tool, Question(s) #11</p> <p>Numerator: Total number of charts with Yes selected in 10a OR 10b OR 10c OR 10d OR 10e (9 months) Numerator: Total number of charts with Yes selected in 11a OR 11b OR 11c OR 11d (24 months)</p> <p>Denominator: Total Number of Charts (9 month & 24 month)</p>	100%

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Aim	Data Collection Question	Measure	Goal
100% of patients will have documentation in the medical record that at least one maternal depression screen was completed by the 9 month health supervision visit.	(9 month only) 12. Is there documentation in the medical record indicating that at least one maternal depression screen was completed by the 9 month health supervision visit? <input type="radio"/> Yes <input type="radio"/> No If no, skip to Question #13	Name: At least 1 Maternal depression screen completed by 9 month visit KCA: Perform Maternal Depression Screening and Follow-up Definition: Percentage of patient charts with documentation that at least one maternal depression screen was completed by the 9 month health supervision visit. Source: Questions #12 (9 month only) Numerator: Yes selected in Question #12 (9 month only) Denominator: Total Number of Charts (9 month only)	100%
	(9 month only) 12a. If yes, maternal depression screening was completed, were the results positive? <input type="radio"/> Yes <input type="radio"/> No If no, skip to Question #13	Not Measured	
100% of patients with a positive maternal depression screen will have a follow-up plan established.	(9 month only) 12b. If yes, and there was a positive maternal depression screen, was a follow-up plan was established? <input type="radio"/> Yes <input type="radio"/> No	Name: Follow-up plan established for positive maternal depression screens KCA: Perform Maternal Depression Screening and Follow-up Definition: Percentage of patient charts with documentation that a follow-up plan was established if the maternal depression screen was positive. Source: Questions #12a and #12b (9 month only) Numerator: Yes selected in Question #12b (9 month only) Denominator: Total Number of Charts with Yes selected in Question #12a (9 month only)	100%

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Aim	Data Collection Question	Measure	Goal
100% of patients without a dental home will have documentation in the medical record that an oral health risk assessment was performed at the most recent health supervision visit.	(9 month only) 13. Is there documentation in the medical record that an oral health risk assessment was performed at the most recent health supervision visit? <input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A, patient has a dental home established	Name: Oral health risk assessment performed if no dental home KCA: Perform Oral Health Risk Assessment Definition: Percentage of patient charts with documentation that an oral health risk assessment was performed at the most recent health supervision visit if no dental home established. Source: Questions #13 (9 month only) Numerator: Yes selected in Question #13 (9 month only) Denominator: Total Number of Charts (9 month only) MINUS N/A , patient had a dental home established selected in #13 (9 month only).	100%

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Appendix

elicited - Parent was asked at least once regarding their concerns via one or more of the following methods:

- Parent was asked on the phone when visit was scheduled
- Pre-visit questionnaire was mailed/emailed prior to the visit
- Questionnaire was used during the visit, before the clinician saw the patient
- Face-to-face communication with parent during visit

developmental screening - **standardized developmental screenings:**

The following are the most commonly used standardized developmental screening tools:

- **Parent's Evaluation of Development Status (PEDS)** (<http://www.pedstest.com>)
- **Ages and Stages Questionnaire (ASQ)** (<http://www.agesandstages.com>)
- **Survey of Wellbeing of Young Children (SWYC)** (<http://www.theswyc.org>)

autism specific screening - **autism specific screenings:**

The following are the most commonly used autism specific tools:

- **M-CHAT R/F™** (<http://mchatscreen.com/>)
- **CSBS DP™ Infant-Toddler Checklist** (<http://www.brookespublishing.com/resource-center/screening-and-assessment/csbs/csbs-dp/csbs-dp-itc/>)

BMI was measured and plotted on the percentile curves - Growth patterns are best studied by accurately plotting body mass index (BMI) for children 2 years of age and older on appropriate growth charts.

family strengths - Parent was asked at least once regarding their source of support

(eg, Is there someone you can turn to and rely on for support when you have questions or need help with your child? Have you noticed or identified something that the family is doing really well?) via one or more of the following methods:

- Parent was asked on the phone when visit was scheduled
- Pre-visit questionnaire was mailed/emailed prior to the visit
- Questionnaire was used during the visit before the clinician saw the patient
- Face-to-face communication with parent during visit

risk assessment - The following Bright Futures documents are helpful when performing age appropriate risk assessment:

- **Bright Futures Preventive Services Prompting Sheet**
(https://brightfutures.aap.org/Bright%20Futures%20Documents/PreventiveServicesPromptSheet_Sample.pdf)
- **Bright Futures Periodicity Schedule**
(https://www.aap.org/en-us/professional-resources/practice-support/Periodicity/Periodicity%20Schedule_FINAL.pdf)

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[Anticipatory guidance](#) - Anticipatory guidance is specific, preventive information given to patients/parents or guardians to improve the well-being of pediatric patients, and promote healthy habits and an understanding of child and youth development.

Bright Futures priorities - 9 month visit

The first priority is to attend to the concerns of the parents. In addition, the Bright Futures Infancy Expert Panel has given priority to the following topics for discussion in this visit:

a) Family adaptations (discipline [parenting expectations, consistency, behavior management], cultural beliefs about child-rearing, family functioning, domestic violence)
b) Infant independence (changing sleep pattern [sleep schedule], developmental mobility [safe exploration, play], cognitive development [object permanence, separation anxiety, behavior and learning, temperament versus self-regulation, visual exploration, cause and effect], communication)
c) Feeding routine (self-feeding, mealtime routines, transition to solids [table food introduction], cup drinking [plans for weaning])
d) Safety (car safety seats, burns [hot stoves, heaters], window guards, drowning, poisoning [safety locks], guns)

Bright Futures priorities - 24 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:

a) Television viewing (limits on viewing, promotion of reading, promotion of physical activity and safe play)
b) Temperament and behavior (sensitivity, approachability, adaptability, intensity)
c) Assessment of language development (how child communicates, expectations for language)
d) Toilet training (what have parents tried, techniques, personal hygiene)
e) Safety (car safety seats, parental use of safety belts, bike helmets, outdoor safety, guns)

[maternal depression screen](#) - The following are the most commonly used standardized maternal depression screening tools.

Maternal Depression Screening

Patient Health Questionnaire-2 ([PHQ-2](#)) | [Instructions](#)

Patient Health Questionnaire-9 ([PHQ-9](#)) | [Instructions](#)

Edinburgh Postnatal Depression Scale: Permission required for use*

Contact the Royal College of Psychiatrists at permissions@rcpsych.ac.uk to request permission to use. Rights and Permissions Manager: Lucy Alexander.

Also see [Detection of Postnatal Depression: Development of the 10-Item Edinburgh Postnatal Depression Scale](#), by J. L. Cox, J. M. Holden, and R. Sagovsky, in the *British Journal of Psychiatry*.

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[weight for length](#) -

Gender and age	Appropriate chart	Data table
Boys, birth to 24 months	Weight-for-length and Head circumference-for-age (WHO)	Data Table for Boys Weight-for-Length and Head Circumference-for-age Charts
Girls, birth to 24 months	Weight-for-length and Head circumference-for-age (WHO)	Data Table for Girls Weight-for-length and Head Circumference-for-age Charts

[dental home](#) - The dental home is a primary dental care provider within the philosophical complex of the medical home. A dental home is built on the preventive health foundation of good oral hygiene, exposure to systemic and topical fluoride, and the elimination of prolonged exposure to simple sugars in the diet.