

Growth: Assessing Concerns and Management

Endocrinologist Measures

Measures based on retrospective review of a minimum of 15 charts of patients referred for abnormal linear growth (short stature or decreased growth velocity) and/or a concern about pubertal development

Aim	Data Collection Question	Measure	Goal
100% of patients will have all essential growth parameters discussed with the patient/family at the most recent endocrinologist visit.	1. Were all essential growth parameters discussed with the patient/family at the most recent endocrinologist visit? <input type="radio"/> Yes <input type="radio"/> No	Name: Growth parameters discussed with patient/family KCA: Monitor and Discuss Growth and Pubertal Development Definition: Percentage of patients with all essential growth parameters discussed with the patient/family Source: Questions #1 Numerator: Yes selected in #1 Denominator: Total Number of Charts	100%
100% of patients will have their growth velocity documented at the most recent endocrinologist visit	2. Was growth velocity documented at the most recent endocrinologist visit? <input type="radio"/> Yes <input type="radio"/> No	Name: Growth velocity documented at the most recent endocrinologist visit KCA: Monitor and Discuss Growth and Pubertal Development Definition: Percent of patients with growth velocity documented at every endocrinologist visit Source: Question #2 Numerator: Yes selected in #2 Denominator: Total number of charts	100%

Growth: Assessing Concerns and Management

Aim	Data Collection Question	Measure	Goal
90% of patients will have their upper to lower segment ratio documented at the initial endocrinologist visit	<p>3. Was the upper to lower segment ratio documented at the initial endocrinologist visit?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p>	<p>Name: Upper to lower segment ratio documented</p> <p>KCA: Monitor and Discuss Growth and Pubertal Development</p> <p>Definition: Percent of patient charts with documentation of upper to lower segment ratio at initial endocrinologist visit</p> <p>Source: Question #3</p> <p>Numerator: Yes selected in #3</p> <p>Denominator: Total number of charts</p>	90%
80% of patients will have had the patient's pubertal assessment discussed with the patient/family unless not age appropriate, no clinical indications or no concerns identified.	<p>4. Were the results of a pubertal assessment discussed with the patient/family, at the initial endocrinologist visit?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p><input type="radio"/> N/A <small>(patient not of pubertal age, no clinical indications, or no concerns identified)</small></p>	<p>Name: Pubertal assessment results discussed with patient/family at initial visit</p> <p>KCA: Monitor and Discuss Growth and Pubertal Development</p> <p>Definition: Percentage of patients with their pubertal assessment discussed with the patient/family, if applicable, at the visit</p> <p>Source: Question #4</p> <p>Numerator: Yes selected in #4</p> <p>Denominator: Total Number of Charts with Yes selected in Question #4 minus N/A, not age appropriate selected in Question #4</p>	80%
100% of patients will have mid-parental height calculated and documented unless not obtainable (ie, one parent not involved, child adopted without biological parent information, etc)	<p>5. Was mid-parental height calculated and documented by your practice?</p> <p><input type="radio"/> Yes</p> <p><input type="radio"/> No</p> <p><input type="radio"/> Not obtainable (ie, one parent not involved, child adopted without biological parent information, etc)</p>	<p>Name: Mid-parental height calculated and documented</p> <p>KCA: Monitor and Discuss Growth and Pubertal Development</p> <p>Definition: Percentage of patients with mid-parental height calculated and documented unless not obtainable</p> <p>Source: Question #5</p> <p>Numerator: Yes selected in #5</p> <p>Denominator: Total number of charts <u>minus</u> Not Obtainable selected in Question #5</p>	100%

Growth: Assessing Concerns and Management

Aim	Data Collection Question	Measure	Goal
100% of patients on growth hormone therapy will have documentation of bone-age within the past 12 months	<p>6. If the patient is on growth hormone therapy, was a bone-age documented within the past 12 months?</p> <p><input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> NA, patient not on growth hormone therapy</p>	<p>Name: Documentation of bone-age within 12 months for patients on growth hormone therapy</p> <p>KCA: Investigate or Manage Growth Concerns</p> <p>Definition: Percentage of patients on growth hormone therapy with chart documentation of bone-age within 12 months</p> <p>Source: Question #6</p> <p>Numerator: Yes selected in #6</p> <p>Denominator: Total number of charts minus N/A, patient not on growth hormone therapy selected in Question #6</p>	100%
	<p><i>If Yes, to question 6:</i></p> <p>6a. Was bone-age older than 14 or 16 for a female or male, respectively?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>	<p>Not Measured</p>	
100% of patients will have growth hormone therapy discontinued if a bone-age older than 14 or 16 for a female or male, respectively is documented within the last 12 months	<p><i>If Yes to question 6a</i></p> <p>6b. Was growth hormone therapy discontinued?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>	<p>Name: Discontinuation of growth hormone therapy if bone-age is older than 14 or 16 for a female or male, respectively</p> <p>KCA: Investigate or Manage Growth Concerns</p> <p>Definition: Percentage of patients discontinued from growth hormone therapy if bone-age is older than 14 or 16 for a female or male, respectively within 12 months</p> <p>Source: Question #6a & 6b</p> <p>Numerator: Yes selected in #6b</p> <p>Denominator: Total number of charts with Yes selected in Question #6a</p>	100%

Growth: Assessing Concerns and Management

Aim	Data Collection Question	Measure	Goal
100% of patients will have all listed information obtained from the referring provider	<p>7. Did your practice attempt to obtain all of the following items from the referring provider?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p> <ul style="list-style-type: none"> <input type="checkbox"/> History <input type="checkbox"/> Physical examination <input type="checkbox"/> Growth charts <input type="checkbox"/> Medications, if any <input type="checkbox"/> Laboratory and imaging results, if any <input type="checkbox"/> Summary of case (ie, impression of growth concern) <input type="checkbox"/> Contact information of the referring provider <input type="checkbox"/> Contact information for the patient/family 	<p>Name: Attempt to obtain all information from referring provider</p> <p>KCA: Follow Up and Communicate with the Care Team</p> <p>Definition: Percentage of patients whose information was obtained from the referring provider</p> <p>Source: Question #7</p> <p>Numerator: Yes selected in #7</p> <p>Denominator: Total number of charts</p>	100%
100% of patients with diagnostic tests ordered by your practice will have documentation of the test results in the patient's written care plan	<p>8. Were all test results documented in the patient's written care plan by your practice?</p> <p><input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> N/A, tests still in progress, or none ordered</p>	<p>Name: Test results documented in patient care plan</p> <p>KCA: Investigate or Manage Growth Concerns</p> <p>Definition: Percentage of patients charts with documentation of test results in the patient's written care plan</p> <p>Source: Question #8</p> <p>Numerator: Yes selected in #8</p> <p>Denominator: Total number of charts <u>minus</u> Not Applicable, tests still in progress or not ordered, selected in Question #8</p>	100%

Growth: Assessing Concerns and Management

Aim	Data Collection Question	Measure	Goal
100% of patient charts will have documentation that educational materials regarding suspected growth or pubertal development concerns were provided to the patient/family by your practice	<p>9. Were educational materials or web-based links provided by your practice to the patient/family about the suspected growth or pubertal development concern?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>	<p>Name: Educational materials provided to patient/family documented</p> <p>KCA: Investigate or Manage Growth Concerns</p> <p>Definition: Percentage of patient charts with documentation that educational materials were provided to the patient/family</p> <p>Source: Question #9</p> <p>Numerator: Yes selected in Question #9</p> <p>Denominator: Total number of charts</p>	100%
100% of patients and families will have an assessment for potential growth related psychosocial issues	<p>10. Was an assessment for potential growth related psychosocial issues for the patient and family made?</p> <p><input type="radio"/> Yes <input type="radio"/> No</p>	<p>Name: Patient and family growth related psychosocial issues assessed</p> <p>KCA: Investigate or Manage Growth Concerns</p> <p>Definition: Percentage of patients and families for whom you have completed an assessment for growth related psychosocial issues</p> <p>Source: Question #10</p> <p>Numerator: Yes selected #10</p> <p>Denominator: Total number of charts</p>	100%

Growth: Assessing Concerns and Management

Aim	Data Collection Question	Measure	Goal
100% of patient charts will have a written care plan established, updated or maintained, provided to the patient, family and referring physician following the most recent endocrinologist visit	<p>11. At the most recent endocrinologist visit, check all that apply regarding the written care plan for growth or pubertal disorders:</p> <ul style="list-style-type: none"> a) The plan was established, updated, or maintained b) The plan was provided to the patient/family c) The plan was shared with the referring physician, following the visit d) No care plan documented in the medical record 	<p>Name: Written care plan established, updated or maintained & provided to patient, family & referring physician</p> <p>KCA: Follow Up and Communicate with the Care Team</p> <p>Definition: Percentage of patients with a written care plan established, updated or maintained, provided to the patient, family and referring physician following the most recent endocrinologist visit</p> <p>Source: Question #11</p> <p>Numerator: a, <u>and</u> b, <u>and</u> c selected in #11</p> <p>Denominator: Total number of charts</p> <p>Note: If d is selected in Question #11, that would be an incorrect response. If any combination of a, b, or c is selected (other than a, and b, and c) it is considered an incorrect response. All 3 (a, b, and c) need to be selected to be counted in numerator.</p>	100%
100% of patients and families will have side effects and benefits of treatment communicated to them, if treatment is recommended	<p>12. Were potential side effects and benefits of treatment communicated to the patient/family?</p> <p><input type="radio"/> Yes <input type="radio"/> No <input type="radio"/> No treatment recommended</p>	<p>Name: Potential side effects & benefits of treatment communicated to patient/family</p> <p>KCA: Follow Up and Communicate with the Care Team</p> <p>Definition: Percentage of patients for whom side effects & benefits of treatment were communicated to the patient/family</p> <p>Source: Question #12</p> <p>Numerator: Yes selected #12</p> <p>Denominator: Total number of charts <u>minus</u> No treatment recommended selected in Question #12</p>	100%