

Initial Steps for Quality Improvement of Obesity Care Across Divisions at a Tertiary Care Pediatric Hospital

Characterizing Practice Systems

Structured Interviews with Key Informants of Respective Clinics [1–3]

Introductory Script

“Thank you for your participation. The following questions aim to understand the processes of care that subspecialists use to identify overweight/obesity and elevated blood pressure across their practices.”

PRACTICE _____

Resources

1. Do clinics in your division provide educational materials (ie handouts/brochures) about obesity management to families of obese patients?

Yes, across the division

Yes, certain clinics: _____

Widely Available Materials (*i.e.* CDC, *etc.*)

Division-Specific Materials (*i.e.* Epic patient education materials)

Other _____

No

Don't know

2. Are there available resources within clinics in your division to help you identify and manage obese patients?

Yes, across the division

Yes, certain clinics: _____

EPIC Smart Texts

Referral to special clinics for obese patients (ie fatty liver clinic)

Other _____

No

Don't know

3. Does your division have an assigned dietitian who sees pediatric patients in the outpatient setting?

Yes

If yes, how many $\frac{1}{2}$ days per week _____

No

Don't know

4. Is there a dietitian available in clinics within your division for counseling of obese patients identified in your practice?

Yes, specify clinics: _____

No

Don't know

Measurements

5. At which types of visits are patients' height or length routinely measured at clinics within your division?

Initial Consultation

Follow-up Consultation

Initial Well-Child

Follow-up Well-Child

Specifics: _____

- 5b. Who takes these measurements?

Doctor

Nurse

Nursing assistant/auxiliary

Other

- 5c. Who interprets these measurements?

(Clarification: Interpret refers to reading from record and assessing percentile)

Doctor

Nurse

Nursing assistant/auxiliary

Other

6. At which types of visits are patients' weight routinely measured at clinics within your division?

Initial Consultation

Follow-up Consultation

Initial Well-Child

Follow-up Well-Child

Specifics: _____

- 6b. What are patients usually wearing when they are weighed?

Hospital Gown

Regular Clothes

Other, specify _____

6c. Who takes these measurements?

Doctor Nurse Nursing assistant/auxiliary Other

6d. Who interprets these measurements?

(Clarification: Interpret refers to reading from record and assessing percentile)

Doctor Nurse Nursing assistant/auxiliary Other

7. At which types of visits are patients' blood pressure routinely measured at clinics within your division?

Initial Consultation Follow-up Consultation

Initial Well-Child Follow-up Well-Child

Specifics: _____

7b. Who takes these measurements?

Doctor Nurse Nursing assistant/auxiliary Other

7c. Who interprets these measurements?

(Clarification: Interpret refers to reading from record and assessing percentile)

Doctor Nurse Nursing assistant/auxiliary Other

Methods

8. Is there anything special about how clinics in your division obtain height or length measurements?

Yes, describe: _____

Written protocol

If written protocol, please provide copy of the protocol.

No

Don't know

9. Is there anything special about how clinics in your division obtain weight measurements?

Yes, describe: _____

Written protocol

If written protocol, please provide copy of the protocol.

No

Don't know

10. Is there anything special about how clinics in your division obtain blood pressure measurements?

Yes, describe: _____

Written protocol

If written protocol, please provide copy of the protocol.

No

Don't know

Data Entry

11. Who is responsible for routinely entering height/weight measurements into Epic?

Clinician

Nurse

Nursing assistant/auxiliary

Other (please specify): _____

Don't know

12. Who is responsible for routinely entering blood pressure measurements into Epic?

Clinician

Nurse

Nursing assistant/auxiliary

Other (please specify): _____

Don't know

PROTOCOLS _____

13. Are there any strategies/protocols in place within clinics in your division **to identify** overweight/obese patients?

Written Protocol

Describe: _____

Informal Policies

Describe: _____

No

14. Are there any strategies/protocols in place within clinics in your division **to manage** overweight/obese patients?

Written Protocol

Describe: _____

Informal Policies

Describe: _____

No

15. Are there any strategies/protocols in place within clinics in your division **to identify** patients with elevated blood pressure?

Written Protocol

Describe: _____

Informal Policies

Describe: _____

No

16. Are there any strategies/protocols in place within clinics in your division **to manage** patients with elevated blood pressure?

Written Protocol

Describe: _____

Informal Policies

Describe: _____

No

17. Do clinics in your division screen for obesity related comorbidities?

Yes

If yes, what is routinely screened for and within which clinics? _____

No

Don't Know

If yes, answer Questions 18 and 19.

18. Please describe what is usually done by providers in clinics within your division when a patient is identified with an obesity related comorbidity. (open ended)

Follow-up Management:

Return to PCP

Referral Out, specify: _____

Other:

19. Are there protocols in place for the management of obesity related comorbidities?

Yes

Written Protocol

Described: _____

Provided

Informal Policies

Other: _____

No

Don't know

PHILOSOPHY

Roles

20. What do you think is the role of clinics within your division in **identifying** overweight or obese patients?

Open ended, to be categorized

No role

21. What do you think is the role of clinics within your division in **managing** overweight or obese patients?

Open ended, to be categorized

No role

22. What do you think is the role of clinics within your division in **identifying** patients with obesity-related comorbidities?

Open ended, to be categorized

No role

23. What do you think is the role of clinics within your division in **managing** patients with obesity-related comorbidities?

Open ended, to be categorized

No role

24. What do you think is the role of clinics within your division in **identifying** patients with elevated blood pressure?

Open ended, to be categorized

No role

25. What do you think is the role of clinics within your division in **managing** patients with elevated blood pressure?

Open ended, to be categorized

No role

Barriers

26. What barriers do you perceive to identifying obese/overweight patients within clinics in your division? (Open ended, to be categorized)

No barriers

26b. Do you have any ideas on how to address these barriers?

27. What barriers do you perceive to providing care to obese/overweight patients within clinics in your division? (Open ended, to be categorized)

No barriers

27b. Do you have any ideas on how to address these barriers?

28. What barriers do you perceive to identifying patients with elevated blood pressure within clinics in your division? (Open ended, to be categorized)?

No barriers

28b. Do you have any ideas on how to address these barriers?

29. What barriers do you perceive to providing care for patients with elevated blood pressure within clinics in your division? (Open ended, to be categorized)

No barriers

29b. Do you have any ideas on how to address these barriers?

INTERESTS

30. What resources or strategies do you think would help clinics in your division identify and address patients who are overweight or obese? (asked as an open ended question)

Y N

Handouts/Brochures

Changes in EPIC Medical Record Forms

Meetings/Educational Courses

Specific Protocols/Guidelines for Identification and Treatment

Specific Protocols/Guidelines for Referral

Expanded Referral Options for Obesity Care within Lurie Children's

Other, please specify: _____

31. What resources or strategies do you think would help clinics in your division identify and address patients with elevated blood pressure? (asked as an open ended question)

Y N

Handouts/Brochures

Changes in EPIC Medical Record Forms

Meetings/Educational Courses

Specific Protocols/Guidelines for Identification and Treatment

Specific Protocols/Guidelines for Referral

Expanded Referral Options for Blood Pressure Management within Lurie Children's

Other, please specify: _____

Survey Adapted From:

1. Ariza, A.J.; Laslo, K.M.; Thomson, J.S.; Seshadri, R.; Binns, H.J.; Group, P.P.R. Promoting Growth Interpretation and Lifestyle Counseling in Primary Care. *J. Pediatr.* 2008;10.

2. Barlow, S.E.; Dietz, W.H.; Klish, W.J.; Trowbridge, F.L. Medical Evaluation of Overweight Children and Adolescents: Reports From Pediatricians, Pediatric Nurse Practitioners, and Registered Dietitians. *Pediatrics* **2002**, *110*, 222–228.
3. Leslie, W.S.; Hankey, C.R.; McCombie, L.; Lean, M.E. Weight management: A survey of current practice in secondary care NHS settings in 2004. *J. Eval. Clin. Prac.* **2005**, *11*, 462–467.

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