

ASTHMA: PULMONOLOGY

Key Informant Interviews

1. Usual workflow

- a. "Tell me what a typical visit for an asthma patient is like in the pulmonary clinic."
- b. "How and when does a visit normally get documented?"
 - i. Are PFTs results entered into the patient's chart before you see him/her?
 - ii. How is asthma education delivered?
- c. How often do you find that a patient needs an asthma action plan?

2. Role of the computer

- a. "What role does the computer play in the care of your patients?"
- b. "How might the computer be most helpful to you? What would you want the computer to really do for you?"
- c. "How does our current system meet those needs and wants?"

3. Guidelines

- a. "What do you think of clinical practice guidelines for asthma?"
- b. "What role do guidelines play in the care of your patients?"

4. Asthma Smart Form

- a. "Do you use the Asthma SmartForm?"
- b. "How do you typically use the form?"
- c. What factors prevent you from using it?

5. Usability of the Nemours Asthma SmartForm

We're interested in your feedback about specific features of the Asthma Smart Form.

- a. Do you have trouble finding the Asthma SmartForm?

HPI TAB

- b. What feedback do you have about the HPI (history of present illness) tab?
- c. How useful is the list of triggers to help you identify needed education?

EXAM TAB

- d. What feedback do you have about the Exam tab?

ASSESSMENT TAB

- e. How helpful are the automated calculations of severity and control?
- f. How helpful has it been to have access to the NHLBI stepwise treatment recommendations from the SmartForm?

ACTION PLAN TAB

- g. What feedback do you have about the Asthma Action Plan tab?
- h. "If you could change the form or how it is used, what changes would you make?"

1. Training

- a. How helpful was the training on how to use the form?
- b. Do you have any suggestions as to what could have been done differently?

2. Decision support

- a. "If you were designing a computer program that was intended to help pediatric pulmonologists take care of their asthma patients, what factors would be most important to you?"

ASTHMA: PRIMARY CARE

Key Informant Interviews

1. Usual workflow

- a. "Tell me what a typical visit for an asthma patient is like in the primary care clinic."
- b. "How and when does a visit normally get documented?"
 - i. Are PFTs results entered into the patient's chart before you see him/her?
 - ii. How is asthma education delivered?
- c. How often do you find that a patient needs an asthma action plan?

2. Role of the computer

- a. "What role does the computer play in the care of your patients?"
- b. "How might the computer be most helpful to you? What would you want the computer to really do for you?"
- c. "How does our current system meet those needs and wants?"

3. Guidelines

- a. "What do you think of clinical practice guidelines for asthma?"
- b. "What role do guidelines play in the care of your patients?"

4. Asthma Smart Form

- a. "Do you use the Asthma SmartForm?"
- b. "How do you typically use the form?"
- c. What factors prevent you from using it?

5. Usability of the Nemours Asthma SmartForm

We're interested in your feedback about specific features of the Asthma Smart Form.

- a. Do you have trouble finding the Asthma SmartForm?
- b. What feedback do you have about the SmartForm in general?
- c. What feedback do you have about the Asthma Action Plan tab?

6. Training

- b. How helpful was the training on how to use the form?
- c. Do you have any suggestions as to what could have been done differently?

7. Decision support

- d. "If you were designing a computer program that was intended to help general pediatricians take care of their asthma patients, what factors would be most important to you?"