

Dr. Smith referred Timmy to the local pharmacy's asthma management program. The Pharmacist scheduled an appointment with Timmy's mother to review his history and current symptoms. Timmy is a 7 year old boy with moderate persistent asthma and a dust mite allergy. He likes playing soccer and running around at recess, but his asthma symptoms keep him home from school at least 2 days per month, and he has gone to the ED for uncontrolled asthma symptoms 4 times in the past 6 months. Timmy is on a low dose of fluticasone plus montelukast and an albuterol inhaler as needed. He uses his albuterol 3-4 times a week according to his mom. He does use a spacer with his inhalers and has appropriate technique and good adherence to his chronic meds, but you find out that his peak flow meter got lost about 3 months ago when the family moved. He lives at home with his parents, and you discover that his uncle, who smokes cigarettes in the house, is also living with them.

Referral from:

Referred by Doctor

309014007

Encounter Reason and Type:

Asthma Medication Review

394720003

Asthma Education

401135008

Initial Assessment

315639002

Medication List:

Fluticasone 44mcg oral inhalation
 twice daily

Albuterol 90mcg/inh oral
 inhalations every 4-6 hours as needed
 for asthma

Montelukast 5mg chewable
 oral tablet once daily

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Patient Goals

- Less sick days from school because of Timmy's asthma
- Less trips to the emergency room for Timmy's asthma
- Limiting Uncle John from smoking inside the house

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Drug Therapy Problems

- Asthma symptoms not controlled with low dose fluticasone

Medication dose too low SNOMED code: 448152000

- Overuse of albuterol inhaler

Medication overuse SNOMED code: 6071000124102

Interventions

Pharmacist Assessment & Documentation

- Request new RX for peak flow meter from MD

Medical equipment or device education SNOMED code: 362978005

- Recommend increase in dose of fluticasone to MD

Recommendation to increase medication dose SNOMED code: 428811000124101

- Asthma medication review

Asthma medication review SNOMED code: 394720003

- Educate Timmy's mom about second hand smoke and asthma (see if Uncle John can smoke outside)

Asthma education SNOMED code: 401135008

- Educate Timmy's mom on techniques to minimize dust mite exposure

Asthma education SNOMED code: 401135008

Care Coordination Notes

Second hand cigarette smoke in the home,
 no peak flow meter

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