**Pulmonary Case Study**

CC: 9-year-old boy in with parents with dry cough for 1 week.

HPI: Started about a week after he had a cold. All symptoms resolved; however, dry cough persisted. Denies any fever. Occasionally coughing fits so hard he has vomited. Coughing does seem to be worse at night or outside in colder weather. Tried Delsym with little improvement. Unsure about any sick contacts. This is the second time this has occurred since he was age 7. Last time he was provided an inhaler and his symptoms resolved after a week or so.

**PMH:** No chronic conditions. No history of hospitalizations or surgeries.

**Meds:** Minions chewable multivitamins, pediatric Claritin

**FH:** Dad alive and well without any chronic conditions. Mom has history of seasonal allergies and asthma. Sister is healthy.

**SH:** Lives with mom and dad and older sister age 11. Attends public school and in Grade 4. likes it and has lots of friends. Plays flag football. Denies any exposure to tobacco or smoke.

**NKDA**, food, or material allergies + environmental allergies

**ROS:**

General: no fevers, weight changes, night sweats, fatigue

Skin: denies rashes or changes in skin lesions.

HEENT: denies vision changes or eye discharge, denies nasal congestion or sneezing, denies hearing changes or ear pain, tonight sore throat

Cardio: denies chest pain

Pulmonary: see HPI

Abdomen: denies abdominal pain, denies nausea, vomiting, constipation, or diarrhea.

MSK/neuro: denies joint pain or loss of range of motion, denies numbness tingling that changes in sensation

**PE:** General: alert, cooperative boy with parents, occasional dry cough

**VS:** BP 109/80 RR15, P 70, T98.9, O2 Sat 98% RA ht 50in wt 75#

**Skin:** Dry, intact without any lesions.

**HEENT:** PERRLA, eyes clear, w/o discharge, TM'S intact, canals clear, mouth moist, w/o lesions, tonsils 2+ no erythema

**Heart:** Regular rate and rhythm no murmurs rubs or gallops

**Lungs:** wheezing throughout, no distress or no use of accessory muscles

**Abdominal:** soft, round, non-tender to palpation

POC: Peak Flow: 192 (goal is 240)

Albuterol treatment now

Following treatment, lungs less wheezy and peak flow: 210