

The Pharm So Hard Podcast

Topic: Pediatric Respiratory Emergencies: Asthma Exacerbation

Host: Jimmy Pruitt, PharmD, BCPS, BCCCP

Guest: Kevin Allen Jr, MD

1. Introduction to show
2. Introduction to host
3. Introduction to the guests
4. Asthma Speaking Points
 - Patient Case
 1. A 7-year-old female presents to the emergency department (ED) with sudden onset shortness of breath. Her last exacerbation was 7 months ago and she's used her rescue inhaler 4 times over the last 2 weeks. She is not on any other medication other than albuterol PRN.
 2. Her vital signs include T 98.7F, BP 116/75, HR 131, RR 33. She is in moderate distress.
 - Kevin: From an ED perspective how are you going to workup this patient?
 - Kevin: What are key factors you're looking for on your physical exam ?
 - Kevin: What personnel and equipment would you like in the room ?
 - Jimmy. What are the things a pharmacist should be thinking at this time?
 - Management
 1. What's your first line agent
 - a. Albuterol or straight to Albuterol+ ipratropium (Duoneb)
 - i.
 - b. When do you add steroids ?
 - i. Which agent
 - ii. Dose
 - iii. Purpose
 - c. What's your thought on magnesium
 - d. What do you do for the kids who would ventilate fine if they won't calm down?
 - e. What is your indication to intubate a kid with asthma
 - i. Which induction and paralytic agents
5. Final thoughts
6. Close out
 - Any way that people can reach out to you professionally?
 - Any initiative or charities you want to shout out?
7. Outro music