CDU APP Workflow for Asthma

CDU Exclusion Criteria

- Unstable (vital signs, septic shock, severe systemic illness)
- Current pulse oximetry reading < 92 on 3L NC
- Clinical or radiographic pneumonia that significantly contributes to hypoxia or dehydration
- Systemic steroid dependence
- Multiple OR severe co-morbidities likely to significantly complicate disposition
- ESRD on dialysis

None present

In ED:

- Obtain CXR, labs
- Initiate respiratory treatments if needed
- Initiate steroids
- Antibiotics if needed
- Magnesium 2g IV over 20 minutes

Meets inclusion criteria?

No

Admit

Yes

If patient excluded, decline request for CDU admit

CDU Admission Orders

- Vital signs q4h
- Diet
- FSBS if diabetic
- Albuterol nebulizer q1h x 4 hours, followed by q2h x 8 hours, followed by q4h
- Atrovent q4h
- Pralidoxone 40mg daily
- Peak flows pre and post treatments
- Care bundle
- Symptomatic treatment
- ± antibiotics
- Walk test

Improving symptoms

- Respiratory improvement
- Able to ambulate without desaturation/worsening symptoms
- Stable vital signs

Discharge Home
with steroids, completed care bundle, +/− antibiotics, PCP follow-up

Worsening symptoms

- Worsening respiratory exam
- Failed walk test

Admit