Miles Walker

02/04/1966

846-8246-97-1

**Setting**: Emergency Department, 0900

**Primary Diagnosis**: Acute respiratory failure

**Past Medical History**: COPD, DM2, CAD, CHF (EF 40%), Lower Back Pain

Brought in by ambulance, complains of difficulty breathing, paramedics report decreased pulse oximetry resolved with oxygen. Patient reports worsening dyspnea with exertion x 3 days, was dyspneic at rest today, prompting call to 911. Patient reports usual state of health is active with no supplemental oxygen, all other illnesses in past medical history are well managed with home medications. Reports 40 pack/year smoking history, current smoker.

**Report (from paramedics on patient arrival):**

N: AO3, GCS15, no neurologic deficits.

R: Bilateral wheezing, breath sounds diminished bilateral lower lobes, SpO2 appropriate on oxygen, only dyspneic on exertion; prior to oxygen administration, was in tripod position with dyspnea at rest.

C: Pulses palpable, skin warm and dry.

GI/GU: No abnormalities noted.

Skin: No abnormalities noted.

WLD: PIV #20 right antecubitus.

**Home Medication List:**

* Insulin glargine 10 units subcut BID
* Metoprolol tartrate 20 mg PO BID
* Tiotropium bromide 2 puffs inh q day
* Ibuprofen 200 mg PO PRN for lower back pain

**Imaging:**

@ 0900; Bedside Chest X-Ray, Anterior-Posterior

Indication: Acute respiratory failure on chronic pulmonary disease.

Comparison: CT scan from 6 months prior, cardiology workup.

Impression: Focal consolidation present in bilateral lower lobes consistent with infectious etiology. Bronchial changes consistent with chronic airway disease, unchanged from prior comparison imaging. Cardiac silhouette unchanged from prior comparison imaging.

**Goals:**

* Chart review
  + Imaging
* Assessment
  + Head to toe
  + Vital signs
  + Continuous monitoring
  + Blood glucose
* Outcome
* Planning
* Intervention
  + Oxygen
  + Nebulizer
  + Levofloxacin
  + Remaining medications (PO, subcut)
* Transfer to bedside commode  
  + Ambulation safety
  + Safely return to bed
  + Safety measures in bed
* Patient education

**Wristband:**

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**Rx labels:**

Heparin 5000 units / 1 mL

Insulin glargine 100 units / 1 mL

Levofloxacin 250 mg / 250 mL

Administer over 60 minutes

Metoprolol tartrate 20 mg tablets

Tiotropium bromide

Albuterol 2.5 mL / syringe

Ibuprofen 200 mg tablets

Morphine 2 mg / 1 mL

**Infirmary Simulation Notes**:

Using II v 2.4 (08/05/2022)

Step 1: No vital signs (need to attach monitoring cables)

Step 2 (No Oxygen Applied): Vital signs present:

* HR 80
* BP 128/68
* RR 32
* SpO2 78%

Step 3 (Oxygen Applied): Vital signs present:

* HR 80
* BP 128/68
* RR 20
* SpO2 93%