



- PT – 11 seconds
- PTT – 62 seconds
- Troponin Level – negative
- BNP – 175 pg/ml
- Theophyllin Level – 10 µg/ml
- CXR – pending
- 12-Lead EKG – Supraventricular tachycardia

An elderly male is transported to the emergency department after his wife calls 911 because of his increasing shortness of breath. He was evaluated in the emergency department and admitted to a medical telemetry unit.

- **ER Report** – This is a 65-year old man who was brought in by ambulance after having increasing SOB over the last 2 days. He remains a 2ppd smoker and has COPD as well as heart failure and is a type 2 diabetic as well. He is admitted with the diagnosis of supraventricular tachycardia. We gave him 20 mg Cardizem IVP and started a 1:1 infusion at 5 mg/hr. We drew electrolytes, BUN, creatinine, CBC, PT/PTT, troponin level, BNP, theophyllin level. We did a CXR and 12-Lead EKG. We put a 20-gauge angiocath in his right hand and that is where the Cardizem is running. He also had a breathing treatment with Albuterol and Atrovent. Right now he is on a 50% venti-mask with O₂ Sats of 94% and he says his breathing is better. His respiratory rate is 26 and his blood pressure is 160/92. He's now in sinus tachycardia at a rate of 100. He has crackles and wheezes throughout his lungs. He voided 400 cc yellow urine.

- **Diagnostics Results**

- Electrolytes – Na 136; K 3.0; Glu 130; Cl 100 mEq/L; CO₂ 25 mEq/L
- BUN – 66
- Creatinine – 1.7
- CBC – WBC 10,000; Hgb 14 g/dl Hct 44% Plts 200,000

- **Admission Orders**

- Admit medical telemetry SVT r/o pneumonia, r/o heart failure
- NKDA
- Bed rest with HOB↑
- Turn, cough, and deep breath q2 hr
- VS q 4 hrs
- 1800 Kcal ADA
- Nasal Cannula 2L/min
- Record O₂ sats each shift
- Breathing treatments with albuterol and ipratropium q4 hrs.
- Cardizem 125 mg in 100 cc D5W to run at 5 mg/hr.
- Medications
 - Lantus Insulin 10 units SC QHS
 - Lasix 20 mg po q am
 - K dur 20 mEq po q am
 - ASA 81 mg po qd
 - Zocor 20mg qHS
 - Prevacid 60 mg po qd
 - Volmax 4 mg po BID
 - Proventil MDI 2 puffs QID
 - Vanceril MDI 2 puffs QID
 - Colace 50 mg po qam
 - Alprazolam 3 mg po BID
 - Temazepan 7.5 mg po hs PRN
- Accu check ac and hs with sliding scale
 - Accucheck <200 – no coverage
 - 201 – 300 – 3 units Regular Insulin SC
 - 301 – 400 – 5 units Regular Insulin SC
 - 401 – 500 – 7 units Regular Insulin SC
 - > 500 – Notify physician