

## PHC721 - CLINICAL PROBLEM SET # 6

Patient
Male, 66 years old
Chief Complaint
The patient arrives for a check-up, but he looks feverish and complains of sensitive teeth in the lower jaw on the right side and his throat feeling tight since yesterday. He thinks he might be getting a cold. He also asks whether he should brush his teeth with Sensodyne®.
Background and/or Patient History
Dental phobia Idiopathic Hypertension Myocardial Infarction, 2012  Medications: Atorvastatin Carvedilol Digoxin (since 2020) Furosemide Ramipril (added 2 weeks ago) Spironolactone
Current Findings
The oropharynx is swollen. Caries and pericoronitis of #30 & #31; plus #28 seems to be cracked. The patient is wheezing during exhalation.  Temp: 101.3 F BP: 135/85 mmHg HR: 80 bpm  The patient is to be scheduled for further diagnostics and treatment under sedation. He was given a prescription for analgesics.

1. Is there a possibility that some of the patient's symptoms are non-dental? If so, what could be the cause(s)? What would be the best course of action?
2. Would Sensodyne® be a potential cause for concern in this patient? If so, please explain why and what are the potential risks.
3. Which class of analgesics should not be used to treat dental pain in this patient? Please make sure you are able to explain the underlying mechanisms of potentially dangerous interactions.
4. Should a modification to the standard dose of a sedative be considered for this patient? If so, would you increase or lower the drug dose? Please justify your position.
5. If the patient needed a general anesthesia, what are the risks specific to this patient? What anesthetic agent should be avoided? What other drugs pose similar risks to this patient?