NOTE
Contact Surgeon before giving any medication marked with an asterisk. In an emergency or during Loss of Signal, begin appropriate treatment; then call Surgeon as soon as possible.

SYMPTOMS
Facial pain
Ear pain
Tooth pain
Congestion

CAUSES
Pressure changes
Respiratory infection-congestion or sinus infection

DIAGNOSIS
AMP 1. Examine ear with Otoscope (Physical Exam-9).
   √For redness, fluid, bubbles, movement, or perforation

AMP 2. Record body temperature: ________with Oral Disposable Thermometers (P3-A2).

3. Contact Surgeon with results and for treatment recommendations.
## TREATMENT

1. **Decongestants**

<table>
<thead>
<tr>
<th>DRUG HELP</th>
</tr>
</thead>
<tbody>
<tr>
<td>1. Sudafed has a more rapid onset of effect and is shorter acting than Entex LA. It is a simple and effective decongestant, and may also be used prior to any pressure changes (such as EVA) after consultation with Surgeon. Sudafed’s main possible side effects are rapid heart rate and “jitteriness.” For sinus problems, it is recommended to start with Sudafed, then consult with Surgeon.</td>
</tr>
<tr>
<td>2. Afrin Nasal Spray and Galasolin Nasal Drops are topical nasal decongestants and useful for nasal and ear congestion. These are good agents if mildly congested and any pressure changes are anticipated. Use only as needed, and do not use either agent for more than 3 days.</td>
</tr>
<tr>
<td>3. Entex LA contains a decongestant and a medication to loosen secretions. Entex LA is longer acting and milder, and is a good choice for mild but persistent symptoms.</td>
</tr>
</tbody>
</table>

**AMP Afrin Nasal Spray (P2-B1) - Topical nasal decongestant**

- **Dose:** 1-2 sprays every 12 hours as needed
- **Possible side effects**
  - Burning, stinging, dryness, sneezing, or increased nasal discharge
  - Usage more frequently than directed can produce chronic nasal congestion.

**--2 Galasolin Nasal Drops - Topical nasal decongestant**

- **Dose:** 1-2 drops in each nostril, 1 to 3 times/day
- **Possible side effects**
  - Tachycardia (rapid heart rate greater than 100 beats per minute), increased blood pressure
**SINUS PROBLEMS**

<table>
<thead>
<tr>
<th>AMP (blue)</th>
<th>Entex LA (Phenylpropanolamine/Guaifenesin) (P1-B14,15)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dose:</td>
<td>1 tablet every 12 hours as needed</td>
</tr>
<tr>
<td>Possible side effects</td>
<td></td>
</tr>
<tr>
<td></td>
<td>Insomnia, restlessness, headache, nausea</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AMP (blue)</th>
<th>*Sudafed (Pseudoephedrine) (P1-B16)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dose:</td>
<td>1-2 tablets every 6 hours as needed</td>
</tr>
<tr>
<td>Possible side effects</td>
<td></td>
</tr>
<tr>
<td></td>
<td>May cause high blood pressure and rapid heart rate, restlessness</td>
</tr>
</tbody>
</table>

2. **Antibiotics**

<table>
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<tbody>
<tr>
<td>All of these medications (Amoxil, Ampioks, Biseptol/Bactrim, Duricef, Cipro/Ciprolet, Tarivid, Zithromax) are generally effective for sinus infection, and serious side effects are uncommon. Selection depends on individual experience and known allergies or sensitivities. It is best to check with Surgeon before beginning treatment. Depending on severity, treatment may be extended from 7 to 14 days.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>NOTE</th>
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<tbody>
<tr>
<td>If fever, contact Surgeon for antibiotic choice.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>AMP (blue)</th>
<th>*Amoxil (Amoxicillin) (P1-A13,14,15)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Dose:</td>
<td>1 capsule 3 times/day for 10 to 14 days</td>
</tr>
<tr>
<td>WARNING</td>
<td></td>
</tr>
<tr>
<td>Do not use if there is history of Penicillin or Cephalosporin allergy.</td>
<td></td>
</tr>
<tr>
<td>Possible side effects</td>
<td></td>
</tr>
<tr>
<td>Nausea, diarrhea, rash</td>
<td></td>
</tr>
</tbody>
</table>
*Ampioks (Penicillin/Oxacillin)

Dose: 2 capsules 4 to 6 times/day for 7 days

**WARNING**
Do not use if there is a history of Penicillin allergy.

Possible side effects
Nausea, vomiting, diarrhea

-OR-

*Bispetol (Trimethoprim/Sulfamethoxasole)*

Dose: 1-2 tablets 2 times/day for 7 days

**WARNING**
Do not use if allergy to Sulfa or Trimethoprim exists. Give with caution to patients with severe allergy or asthma.

Possible side effects
Skin rash, headache, stomach upset

-OR-

*Bactrim DS (Trimethoprim/Sulfamethoxasole) (P1-A4,5)*

Dose: 1 tablet 2 times/day for 10 to 14 days

**WARNING**
Do not use if allergy to Sulfa or Trimethoprim exists. Give with caution to patients with severe allergy or asthma.

Possible side effects
Skin rash, headache, stomach upset, photosensitivity
AMP
*Duricef (Cefadroxil) (P1-A18,19)
Dose: 1-2 capsule every 12 hours for 10 to 14 days

WARNING
Do not use if there is history of Penicillin or Cephalosporin allergy.

Possible side effects
Diarrhea, nausea, vomiting, abdominal pain, rash

-4
*Tarivid (Ofloxacin)
Dose: 1 tablet 1 to 2 times/day for 7 days

Possible side effects
Nausea, vomiting, headache, dizziness, insomnia, allergic reactions, decreased field of vision

-OR-

-2
*Ciprolet (Ciprofloxacin)
Dose: 1 tablet 2 times/day for 7 days

Possible side effects
Nausea, diarrhea, vomiting, abdominal pain

AMP
*Zithromax (Azithromycin) (P1-B7)
Dose: 2 capsules first day followed by 1 capsule 1 time/day for 4 days

Possible side effects
Diarrhea, nausea, abdominal pain, vomiting
3. Pain Medication

<table>
<thead>
<tr>
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<tbody>
<tr>
<td>1. Ascriptin (buffered aspirin), is an anti-inflammatory and analgesic agent. It may cause mild upset stomach and should be avoided if there is allergy to aspirin.</td>
</tr>
<tr>
<td>2. Tylenol and Analgin are analgesics. Analgin has minimal anti-inflammatory effects and Tylenol has none. They do not cause upset stomach, and work almost as well for general pain as do the anti-inflammatory agents. Selection is based on preference and experience.</td>
</tr>
<tr>
<td>3. Ascriptin, Tylenol, and Analgin all help to reduce fever.</td>
</tr>
</tbody>
</table>

**AMP**

**Ascriptin (Aspirin) (P1-B1,2)** - Pain reliever, anti-inflammatory

Dose: 1-2 tablets every 4 to 6 hours as needed

**NOTE**

Do not use in patients with asthma, history of aspirin allergy, GI, or other bleeding problems.

Possible side effects

- Upset stomach, ringing in ears

**Analgin** - Non-narcotic analgesic agent

Dose: 1 tablet 3 times/day

Possible side effects

- Blood clotting defect due to low platelet count

**AMP**

**Tylenol (Acetaminophen) (P1-A1,2,3)** - Aspirin-free pain reliever

Dose: 1-2 tablets every 4 to 6 hours as needed

Possible side effects

- Can cause ringing in ears

4. Contact Surgeon and schedule follow-up observation and PMC activities.