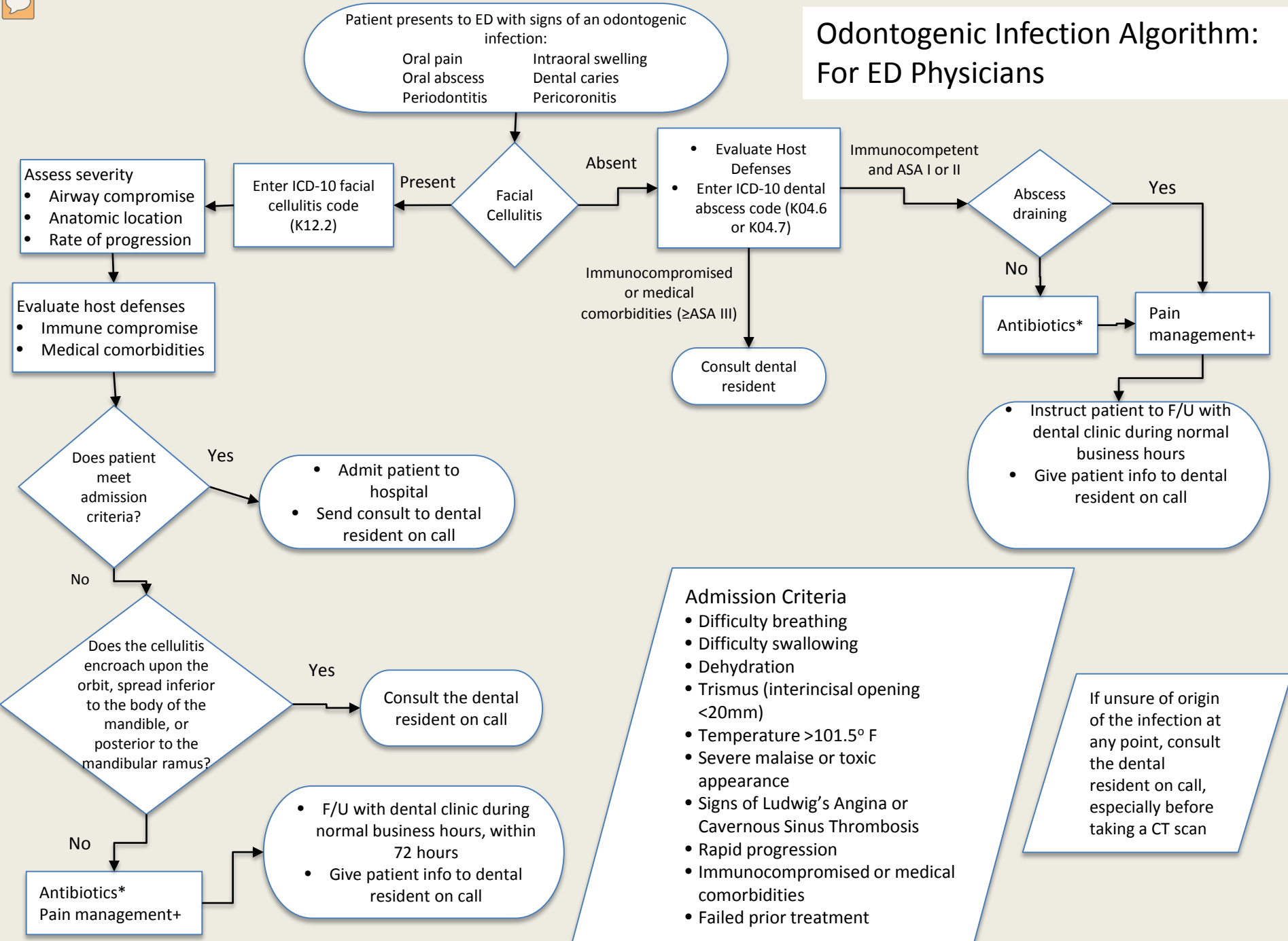




Odontogenic Infection Algorithm: For ED Physicians



Admission Criteria[¥]

- Difficulty breathing
- Difficulty swallowing
- Dehydration
- Trismus (interincisal opening <20mm)
- Temperature >101.5° F
- Severe malaise or toxic appearance
- Signs of Ludwig's Angina or Cavernous Sinus Thrombosis
- Rapid progression
- Immunocompromised or medical comorbidities
- Failed prior treatment
- Cellulitis encroaches upon the orbit, spreads inferior to the body of the mandible, or posterior to the mandibular ramus

Antibiotics of Choice*

- Amoxicillin is the antibiotic of first choice
 - 20-40 mg/kg/day tid
- Clindamycin – preferred antibiotic if patient is penicillin allergic or infection worsening after 72 hrs of amoxicillin use
 - 8-20 mg/kg/day tid
- Azithromycin – alternative to Clindamycin
 - 5-12 mg/kg once daily
- Metronidazole – may be used in addition to amoxicillin in a resistant infection
 - 30 mg/kg/day qid

Pain Management of Choice⁺

- Ibuprofen
 - 5-10 mg/kg every 6-8 hrs prn
- Tylenol
 - 10-15 m/kg every 4-6 hrs prn

NPO Guidelines

TYPE OF FOOD / LIQUID	MINIMUM FASTING PERIOD
Clear liquids (water, fruit juices without pulp, carbonated beverages and clear tea)	2 hours before sedation
Breast milk	4 hours before sedation
Formula, non-human milk, and light meal (toast and clear liquid)	6 hours before sedation
Fried or fatty foods or meat	8 hours before sedation