

**To reduce antimicrobial resistance, carefully assess the need for antibiotics and the antibiotic-specific risk.**

## Treatment

- Periapical periodontitis amenable to local operative management without systemic symptoms
- Dry socket following tooth extraction

**Administration of oral antibiotics is not indicated**

<Periodontal Tissue Inflammation, Pericoronal Inflammation, Jaw Inflammation<sup>a)</sup>>

Nonproprietary name (Common name) [Main product name]	Dosing regimen (Adult)	Dosage for patients with renal failure (including dialysis patients)
Amoxicillin¶ [Sawacillin]	250 mg or 500 mg per dose 3-4 times daily	250 mg or 500 mg per dose 10 < Ccr <sup>c)</sup> < 50: twice daily Ccr<10 or on hemodialysis(HD): once daily <sup>d)</sup>
Clavulanic acid/ Amoxicillin¶ [Augmentin]	125/250 mg per dose (clavulanic acid / amoxicillin <sup>b)</sup> 3-4 times daily	Dose: 125/250 mg 10 < Ccr < 50: twice daily Ccr<10 or on HD: once daily <sup>d)</sup>
When penicillin-based antibiotics unavailable (because of supply concerns, allergies, etc.)		
Clindamycin¶ [Dalacin]	300–600 mg per dose 3 times daily	No dosage or interval adjustment required

**\*Appropriate timing for the initial assessment of treatment efficacy: within 3-7 days after antibiotic administration**

**\*Guideline for discontinuation of antibiotic treatment: 24 hours after resolution of inflammatory symptoms**

- <sup>a)</sup> Excluding chronic osteomyelitis and medication-related osteonecrosis of the jaw.  
<sup>b)</sup> Augmentin Combination Tablet 250RS is a combination drug containing 125 mg of clavulanic acid and 250 mg of amoxicillin per tablet.  
<sup>c)</sup> Ccr value: Creatinine clearance value (mL/min.)  
<sup>d)</sup> For hemodialysis patients, administer after dialysis  
<sup>e)</sup> Systemic risk: Diabetes, dialysis patients, use of steroids/immunosuppressants/bone resorption inhibitors, history of radiation therapy, etc.  
<sup>f)</sup> Procedure-related risk: Procedures involving local infection or bone removal, etc.

## Prevention of Postoperative Infection

- For the following procedures without systemic risk<sup>e)</sup> or procedure-related risk<sup>f)</sup>:
- Simple tooth extraction without local infection
  - Dental implant placement

**Antibiotic prophylaxis is not recommended**

<Extraction of Mandibular Impacted Wisdom Teeth>

\*In principle, a single dose 1 hour before the procedure

Nonproprietary name (Common name) [Main product name]	Dosage (Adult)	Remarks
Amoxicillin¶ [Sawacillin]	250 mg or 500 mg	*Only in cases of major surgical trauma, consider additional administration of 250 mg per dose, 3 times daily, for up to 48 hours postoperatively
Clavulanic acid/ Amoxicillin¶ [Augmentin]	125/ 250 mg (clavulanic acid / amoxicillin <sup>b)</sup>	*Only in cases of major surgical trauma, consider additional administration of 125/250 mg per dose, 3 times daily, for up to 48 hours postoperatively
When penicillin-based antibiotics unavailable (because of supply concerns, allergies, etc.)		
Clindamycin¶ [Dalacin]	300–450 mg	*Only in cases of major surgical trauma, consider additional administration of 300 mg per dose, 3 times daily, for up to 48 hours postoperatively

**\*For prevention of infective endocarditis, refer to the main text.**

- Note 1: For further details and references described in this summary, refer to the main text.  
Note 2: "¶" is inserted when the condition is not included in the approved indications of the electronic package insert (PI), when the dose exceeds the upper limit recommended, or when it is mentioned in the Review Information Case Examples provided by the Health Insurance Claims Review & Reimbursement Services.  
Note 3: This manual was formulated to promote AMR countermeasures and does not stipulate matters related to medical treatment under medical insurance laws.  
Note 4: Only drugs described in the main text of the Dental Section of the Manual for Antimicrobial Stewardship, Fourth Edition, are listed.

