

全民健康保險醫療常用第一線抗生素

口 服	注 射
Amoxicillin	Amphotericin B
Ampicillin	Ampicillin
Bacampicillin	Benzathine penicillin
Cefadroxil	Cefazolin
Cephalexin	Cephalexin
Cephradine	Cephaloridine
Clindamycin	Cephalothin
Cloxacillin	Cephapirin
Colistin	Cephradine
Dicloxacillin	Clindamycin
Doxycyclin	Cloxacillin
Ethambutol	Doxycycline
Flucloxacillin	Gentamicin
Griseofulvin	Hetacillin
Hetacillin	Kanamycin
Isoniazid	Lincomycin
Ketoconazole	Metronidazole
Methacycline	Oxacillin
Metronidazole	Oxytetracycline
Minocycline	Penicillin
Mycostatin	Rifamycin sv inj
Nalidixicacid	Rolitetracycline
Neomycin	Streptomycin
Nitrofurantoin	Flucloxacillin
Nitroxoline	
Oxytetracycline	
Penicillin	
Pyrazinamide	
Rifampicin	
Tetracycline	
Trimethoprim / sulfamethoxazole	
Cefatrizine	

台灣地區外科手術預防性抗生素之建議使用準則

術式	抗生素種類	Duration
Large skin (clean)	Nil or Cefazolin 1 gm IV at IA	1 dose
Oto-naso-larynx Procedures		
Head and neck (clean)	Cefazolin 1-2 gm IV at IA	<1 day
Head and neck (clean-contaminated)	Cefazolin 1-2 gm IV at IA	<1 day
Ear (clean-contaminated)	Cefazolin 1-2 gm IV at IA	<1 day
Nose and sinus (clean-contaminated)	Cefazolin 1-2 gm IV at IA	<1 day
Tonsil (clean-contaminated)	Cefazolin 1-2 gm IV at IA	<1 day
Cardiovascular		
Coronary artery graft bypassing (clean)	Cefazolin 1-2 gm IV at IA then 1 gm q8h	<1 day
Prosthetic valve (clean)	Cefazolin 1-2 gm IV at IA then 1 gm q8h	<1 day
Large vessel in abdomen or lower limb (clean)	Cefazolin 1-2 gm IV at IA then 1 gm q8h	<1 day
Thoracic		
Lung (clean-contaminated) , pulmonary resection (lobectomy and pneumonectomy)	Cefazolin 1-2 gm IV at IA then 1 gm q8h	<2 day
Esophagus (clean-contaminated)	Cefazolin 1-2 gm IV at IA then 1 gm q8h	<2 day
Orthopedics		
Total hip arthroplasty (clean)	Cefazolin 1-2 gm IV at IA then 1 gm q8h	<1 days ^{*註} 1
Total knee arthroplasty (clean)	Cefazolin 1-2 gm IV at IA then 1 gm q8h	<1 days ^{*註} 1
Internal fixation for close reduction (clean)	Cefazolin 1-2 gm IV at IA then 1 gm q8h	<1 day

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術式	抗生素種類	Duration
Spine (clean)	Cefazolin 1-2 gm IV at IA then 1 gm q8h	<2 days
Other selective, non-prosthesis bone procedures (clean)	Cefazolin 1-2 gm IV at IA then 1 gm q8h	<1 day
Neurosurgery		
Craniotomy (clean)	Cefazolin 1-2 gm IV	<1 day
Ventriculo-peritoneal shunting (clean)	Cefazolin 1-2 gm IV	<2 days
Colorectal		
Colorectum (clean-contaminated)	Cefazolin 1 gm IV at IA ± gentamicin 2 mg/kg ± metronidazole 500 mg IV at IA	<1 day
General Surgery		
Non-complicated appendectomy (infected)	Cefazolin 1 gm + gentamicin 2 mg/kg + metronidazole 500 mg IV at IA	<1 day
Open biliary (clean-contaminated)	Cefazolin 1 gm IV at IA	<1 day
Open cholecystectomy (clean-contaminated)	Cefazolin 1 gm IV at IA	<1 day
Laparoscopic cholecystectomy (clean-contaminated)	Cefazolin 1 gm IV at IA	<1 day
Gastroduodenal (clean-contaminated)	Cefazolin 1-2 gm IV at IA	<1 day
Intestinal (clean-contaminated)	Cefazolin 1-2 gm IV at IA	<1 day
Laparoscopic or non-laparoscopic herniorrhaphy with mesh (clean)	Cefazolin 1 gm IV at IA	1 dose
Laparoscopic or non-laparoscopic herniorrhaphy without mesh (clean)	Nil or Cefazolin 1 gm IV at IA	1 dose

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術式	抗生素種類	Duration
Breast (clean)	Nil or Cefazolin 1-2 gm IV at IA	1 dose
Thyroid (clean)	Nil or Cefazolin 1-2 gm IV at IA	1 dose
Urology		
Transrectal prostate biopsy (clean-contaminated)	Cefazolin 1 gm IV at IA	1 dose
Transurethral prostate biopsy (clean-contaminated)	Cefazolin 1 gm IV at IA	<1 day
Transurethral bladder tumor resection (clean-contaminated)	Cefazolin 1 gm IV at IA	<1 day
Gynecology & Obstetrics		
Hysterectomy, abdominal or vaginal (clean-contaminated)	Cefazolin 1 gm IV at IA	<1 day
Cesarean section (clean-contaminated)	Cefazolin 1-2 gm IV immediately after cord clamping	<1 day

註：CoNS = coagulase-negative staphylococci; GNB = Gram-negative bacilli; IA = induction of anesthesia; IV = intravenous; 2GC = second-generation cephalosporins; OR = operating room.

Indications for vancomycin: 1) penicillin allergy; 2) high rate of MRSA in the hospital.

For non-complicated appendicitis, the first dose of antibiotic should be given when diagnosis has been made and a second dose can be given at induction of anesthesia.

◆ 資料來源：摘自 J Microbiol Immunol Infect 2004; 37: 71-4.