

Report on Investigation Results

March 7, 2018

Pharmaceuticals and Medical Devices Agency

I. Overview of drug

[Non-proprietary name] See Appendix 1
[Brand name] See Appendix 1
[Approval holder] See Appendix 1
[Indications] See Appendix 1
[Dosage and administration] See Appendix 1
[Investigating office] Office of Safety I

II. Background of this investigation

The National Action Plan on Antimicrobial Resistance (AMR) 2016-2020¹ (hereinafter, the "Action Plan") was decided in April 2016 at the 4th Ministerial Meeting on Measures on Emerging Infectious Disease. The Action Plan specifies various priorities to be implemented over the next five years in Japan to promote measures against AMR including resistance to natural and synthetic antibiotics.

The Action Plan specifies the following six areas of action: Public Awareness and Education, Surveillance and Monitoring, Infection Prevention and Control, Appropriate Use of Antimicrobials, Research and Development, and International Cooperation. The primary objective of the "Appropriate Use of Antimicrobials" area is the "Promotion of Appropriate Use of Antimicrobials in the Fields of Healthcare, Livestock Production and Aquaculture". One strategy to realize this objective is through "Promotion of Antimicrobial Stewardship at Medical Institutions", and "Publication of guidelines/manuals for Antimicrobial Stewardship" is listed as one specific initiative towards implementing this strategy.

Under these circumstances, to promote the appropriate use of antimicrobials by defining guidelines pertaining to the appropriate treatment of infectious diseases, the Tuberculosis and Infectious Diseases Control Division of the Health Bureau at the Ministry of Health, Labour and Welfare (MHLW) prepared the "Guidance for Appropriate Use of Antimicrobials: Version 1" (hereinafter, the "Guidance") (Appendix 2, Japanese language only). The Guidance was designed to aid healthcare professionals in the identification of situations arising in outpatient care where the use of antimicrobials becomes necessary. The content of the Guidance focuses on patients with acute respiratory tract infections and patients with acute diarrhea. These two patient groups are believed to be subjected to frequent and unnecessary antimicrobial use as an overall conclusion based on data from other countries and types of antimicrobials that have been linked with overprescribing in Japan.

Here, in addition to the development of the Guidance, "Review of the information included in package inserts (e.g. Precautions) for antimicrobials based on scientific evidence" is also included among the specific actions for the promotion of the appropriate use of antimicrobials at medical institutions, On February 6, 2018, the Pharmaceutical Safety Division of the Pharmaceutical Safety and Environmental Health Bureau at MHLW requested that the Pharmaceuticals and Medical Devices Agency (PMDA) conduct an investigation of the antimicrobials believed to be prescribed to patients with acute respiratory tract infections or

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¹Ministerial Meeting on Measures on Emerging Infectious Disease, National Action Plan on Antimicrobial Resistance (AMR) 2016-2020, Tokyo: Cabinet Secretariat; 2016.



with acute diarrhea (antimicrobials indicated for any of pharyngitis/laryngitis, tonsillitis, acute bronchitis, sinusitis, or infectious enteritis). The investigation was requested to be aimed at a Revision of Precautions contained in the package insert to promote appropriate use of antimicrobials in accordance with the Guidance. In response to MHLW's request, PMDA discussed its proposal for the revision of Precautions in the relevant package inserts. PMDA also held an Expert Discussion as part of its investigation, and the expert advisors for this Expert Discussion were nominated based on their declarations concerning the antimicrobials subject to the investigation, submitted in accordance with the "Rules for Convening Expert Discussions etc. by the Pharmaceuticals and Medical Devices Agency" (PMDA Administrative Rule No. 8/2008, dated December 25, 2008).

III. Summary of the PMDA Investigation

PMDA believed that a revision to the Precautions Concerning Indications section to urge, in accordance with the Guidance, careful consideration of the necessity for prescribing antimicrobials was appropriate to promote the appropriate use of antimicrobials based on the Guidance. PMDA examined the current package inserts of the antimicrobials subject to the investigation, and as a result, found that none contained such precautions. As such, PMDA concluded that a revision of Precautions was necessary for all the antimicrobials products targeted in its investigation.

This PMDA's conclusion was supported by the expert advisors.

IV. Overall evaluation

PMDA concluded that the revisions of package inserts as in Appendix 3 (Japanese language only, see the Detailed information on revisions of PRECAUTIONS) were appropriate.



Appendix 1

Non-proprietary name	Brand name	Marketing authorization holder	Indications	Pharyn gitis/lar yngitis	Tonsilli tis	Acute bronch itis	Sinusiti s	Infectio us enteriti s
Azithromycin hydrate	Zithromac Tablets 250 mg, Zithromac SR Dry Syrup 2g, Zithromac Capsules for Pediatric Use 100 mg and Zithromac Fine Granules for Pediatric Use 10% and the others	Pfizer Japan Inc. and the others	Tablets 250 mg Deep-seated skin infections, lymphangitis/lymphadenitis, pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia, lung abscess, secondary infection of chronic respiratory lesions, urethritis, cervicitis, pelvic inflammatory disease, sinusitis, periodontal inflammation, pericoronitis, and jaw inflammation Dry Syrup Deep-seated skin infections, lymphangitis/lymphadenitis, pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia, lung abscess, secondary infection of chronic	V	V	V	☑ (Tablet s 250 mg, Dry Syrup)	

			respiratory lesions, urethritis, cervicitis, sinusitis, periodontal inflammation, pericoronitis, and jaw inflammation For Pediatric Use Pharyngitis/laryngitis, tonsillitis (including peritonsillitis, peritonsillar abscess), acute bronchitis, pneumonia, lung abscess, and otitis media			
Aztreonam	Azactam for injection 0.5g, Azactam for injection 1g	Eisai Co., Ltd.	Sepsis, pneumonia, lung abscess, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, prostatitis (acute/chronic), urethritis, cervicitis, peritonitis, intra-abdominal abscess, cholecystitis, cholangitis, bartholinitis, intrauterine infection, uterine adnexitis, parametritis, pyogenic meningitis, keratitis (including corneal ulcer), otitis media, sinusitis		\	



Amoxicillin hydrate	Sawacillin Capsules 125 and 250, Sawacillin Fine Granules 10%, Sawacillin Tablets 250 Pasetocin Capsules 125 and 250, Pasetocin Fine Granules 10%, Pasetocin Tablets 250, and others	Astellas Pharma Inc. Aspen Japan K.K., and others	Capsules/ Tablets Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, secondary infections following trauma, thermal burn, and surgical wound, secondary infections of erosions/ulcers, mastitis, osteomyelitis, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, prostatitis (acute/chronic), epididymitis, Neisseria gonorrhoeae infection, syphilis, intrauterine infection, uterine adnexitis, parametritis, dacryocystitis, hordeolum, otitis media, periodontal inflammation, pericoronitis, jaw inflammation, scarlet fever, gastric or duodenal ulcer, mucosa-associated lymphoid tissue (MALT) lymphoma of the stomach, idiopathic thrombocytopenic purpura, Helicobacter pylori infection of the stomach after endoscopic treatment for early stage of gastric cancer, and Helicobacter gastritis	V	V	lacksquare		
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	Fine Granules			
	Superficial skin infections, deep-seated skin			
	infections, lymphangitis/lymphadenitis, chronic			
	pyoderma, secondary infections following trauma,			
	thermal burn, and surgical wound, secondary			
	infections of erosions/ulcers, mastitis, osteomyelitis,			
	pharyngitis/laryngitis, tonsillitis, acute bronchitis,			
	pneumonia, secondary infection of chronic			
	respiratory lesions, cystitis, pyelonephritis,			
	prostatitis (acute/chronic), epididymitis, Neisseria			
	gonorrhoeae infection, syphilis, intrauterine			
	infection, uterine adnexitis, parametritis,			
	dacryocystitis, hordeolum, otitis media, periodontal			
	inflammation, pericoronitis, jaw inflammation,			
	scarlet fever, and Helicobacter pylori infection of the			
	stomach/duodenal ulcer			



Amoxicillin Hydrate/potassiu m clavulanate	Augmentin Combination Tablets 125SS, 250RS, Clavamox Combination Dry Syrup For Pediatric Use	GlaxoSmithKline K.K.	Tablets Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, pharyngitis/laryngitis, tonsillitis, acute bronchitis, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, Neisseria gonorrhoeae infection, intrauterine infection, uterine adnexitis, and otitis media Dry Syrup Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, pharyngitis/laryngitis, tonsillitis, acute bronchitis, cystitis, pyelonephritis, otitis media and sinusitis		N		☑ (Dry Syrup)	
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Ampicillin Hydrate	Viccillin Capsules 250mg, Viccillin Dry Syrup10%	Meiji Seika Pharma Co., Ltd.	Capsules Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, secondary infections following trauma, thermal burn, and surgical wound, mastitis, osteomyelitis, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, lung abscess, pyothorax, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, Neisseria gonorrhoeae infection, syphilis, peritonitis, liver abscess, infectious enteritis, intrauterine infection, abscess of eyelid, hordeolum, keratitis (including corneal ulcer), otitis media, sinusitis, periodontal inflammation, pericoronitis, jaw inflammation, secondary infections following tooth extraction wound and oral surgery wound, scarlet fever, anthrax, actinomycosis	✓	√	V	lacktriangle
			Superficial skin infections, deep-seated skin				



	infections, lymphangitis/lymphadenitis, chronic			
	pyoderma, secondary infections following			
	trauma, thermal burn, and surgical wound,			
	mastitis, osteomyelitis, pharyngitis/laryngitis,			
	tonsillitis, acute bronchitis, pneumonia, lung			
	abscess, pyothorax, secondary infection of			
	chronic respiratory lesions, cystitis,			
	pyelonephritis, Neisseria gonorrhoeae infection,			
	peritonitis, liver abscess, infectious enteritis,			
	intrauterine infection, abscess of eyelid,			
	hordeolum, keratitis (including corneal ulcer),			
	otitis media, sinusitis, periodontal inflammation,			
	pericoronitis, jaw inflammation, secondary			
	infections following tooth extraction wound and			
	oral surgery wound, scarlet fever, anthrax,			
	actinomycosis			



Ampicillin Sodium	Viccillin for injection 0.25g, Viccillin for injection 0.5g, Viccillin for injection 1g, Viccillin for injection 2g	Meiji Seika Pharma Co., Ltd.	Sepsis,infective endocarditis, superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, secondary infections following trauma, thermal burn, and surgical wound, mastitis, osteomyelitis, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, lung abscess, pyothorax,secondary infection of chronic respiratory lesions, cystitis,pyelonephritis, Neisseria gonorrhoeae infection, peritonitis, liver abscess, infectious enteritis, intrauterine infection, pyogenic meningitis, abscess of eyelid, keratitis (including corneal ulcer), otitis media, sinusitis, periodontal inflammation, pericoronitis, jaw inflammation, secondary infections following tooth extraction wound and oral surgery wound, scarlet fever, anthrax, actinomycosis				\Box	\Box	
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Ampicillin Sodium/ Cloxacillin Sodium Hydrate	Viccillin-S100 for injection	Meiji Seika Pharma Co., Ltd.	Prevention of bacterial infection for newborns Others Chronic pyoderma, pharyngitis/laryngitis, acute bronchitis, pneumonia, secondary infection of chronic respiratory lesions, otitis externa	V	Z	
Imipenem Hydrate/ Cilastatin Sodium	Tienam for intramuscular injection 0.5g, Tienam for intravenous drip infusion 0.25g, Tienam for intravenous drip infusion 0.5g, Tienam for intravenous drip infusion kit 0.5g and the others	MSD K.K. and the others	For intramuscular injection Secondary infections following trauma, thermal burn, and surgical wound, osteomyelitis, arthritis, acute bronchitis, pneumonia, lung abscess, pyothorax, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, prostatitis (acute/chronic), peritonitis, cholecystitis, cholangitis, liver abscess, bartholinitis, intrauterine infection, uterine adnexitis, parametritis For intravenous infusion Sepsis, infective endocarditis, secondary infections following trauma, thermal burn, and surgical wound, osteomyelitis, arthritis, acute		\sqrt{1}	

			bronchitis, pneumonia, lung abscess, pyothorax, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, prostatitis (acute/chronic), peritonitis, cholecystitis, cholangitis, liver abscess, bartholinitis, intrauterine infection, uterine adnexitis, parametritis, keratitis (including corneal ulcer), endophthalmitis (including panophthalmitis)					
Erythromycin	Erythromycin Tablets "Sawai" 200mg	Sawai Pharmaceutical Co., Ltd.	Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, secondary infections following trauma, thermal burn, and surgical wound, mastitis, osteomyelitis, pharyngitis/laryngitis, tonsillitis (including peritonsillitis), acute bronchitis, pneumonia, lung abscess, pyothorax, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, urethritis, Neisseria gonorrhoeae infection, chancroid, syphilis, lymphogranuloma venereum, infectious enteritis, intrauterine infection, uterine adnexitis,	V	V	V	S	S

			dacryocystitis, hordeolum, otitis externa, otitis				
			media, sinusitis, pericoronitis, scarlet fever,				
			diphtheria, pertussis, tetanus, gas gangrene,				
			amebic dysentery				
			Superficial skin infections, deep-seated skin				
			infections, lymphangitis/lymphadenitis, secondary				
	Erythrocin		infections following trauma, thermal burn, and				
	granules W		surgical wound, mastitis, osteomyelitis,				
Erythromycin	20%, Erythrocin	Mylan EPD	pharyngitis/laryngitis, tonsillitis, acute bronchitis,				
Ethylsuccinate	Dry Syrup 10%,	G.K.	pneumonia, lung abscess, pyothorax, secondary	V	 ✓	√	
	Erythrocin Dry		infection of chronic respiratory lesions,				
	Syrup W 20%		pyelonephritis, urethritis, Neisseria gonorrhoeae				
			infection, syphilis,intrauterine infection, otitis				
			media, scarlet fever, diphtheria, pertussis				
			Superficial skin infections, deep-seated skin				
	Enuthropin		infections, lymphangitis/lymphadenitis, mastitis,				
Enuthromyoin	Erythrocin	Mylon EDD	osteomyelitis, tonsillitis, pneumonia, lung				
Erythromycin Stearate		Mylan EPD	abscess, pyothorax, pyelonephritis, urethritis,		V		
Siediale		cin G.K. 200ma	Neisseria gonorrhoeae infection, chancroid,				
			syphilis, intrauterine infection, otitis media,				
			pericoronitis, scarlet fever, diphtheria, pertussis,				

			tetanus					
			Superficial skin infections, deep-seated skin					
			infections, lymphangitis/lymphadenitis, chronic					
			pyoderma, secondary infections following					
			trauma, thermal burn, and surgical wound,					
			mastitis, perianal abscess, pharyngitis/laryngitis,					
			tonsillitis, acute bronchitis, pneumonia,					
	Tarivid Tablets	Daiichi Sankyo	secondary infection of chronic respiratory lesions,					
Ofloxacin	100mg, and the	Co., Ltd. and	cystitis, pyelonephritis, prostatitis (acute/chronic),	✓	V	\checkmark	V	✓
	others	the others	epididymitis, urethritis, cervicitis, cholecystitis,					
			cholangitis, infectious enteritis, typhoid,					
			paratyphoid, bartholinitis, intrauterine infection,					
			uterine adnexitis, dacryocystitis, hordeolum,					
			meibomianitis, keratitis (including corneal ulcer),					
			otitis media, sinusitis, periodontal inflammation,					
			pericoronitis, jaw inflammation, leprosy					
	Kanamycin		Infectious enteritis					
Kanamycin	Capsules 250mg	Meiji Seika						
Monosulfate	「Meiji」,	Pharma Co.,						V
Monosulato	Kanamycin	Ltd.						
	Syrup 5%							

	「Meiji」		Superficial skin infections, deep-seated skin					
Kanamycin Sulfate	Kanamycin Sulfate Injection 1000mg 「Meiji」	Meiji Seika Pharma Co., Ltd.	infections, lymphangitis/lymphadenitis, secondary infections following trauma, thermal burn, and surgical wound, mastitis, osteomyelitis, tonsillitis, acute bronchitis, pneumonia, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, Neisseria gonorrhoeae infection, uterine adnexitis, otitis media, pertussis, pulmonary tuberculosis and other tuberculosis		V	V		
	Klaricid Tablets		Tablets					
	200mg, Klaricid	Mylan EPD G.K	1. Common infection					
	Dry Syrup 10%	Taisho	·superficial skin infections, deep-seated skin					
Clarithromycin	for pediatric use,	Pharmaceutical	infections, lymphangitis/lymphadenitis, chronic	\checkmark	7	7	✓	V
	Klaricid Tablets	Co., Ltd. and	pyoderma					
	50mg for	the others	·secondary infections following trauma, thermal					
	pediatric use		burn, and surgical wound					



Clarith Tablets	-perianal abscess
200, Clarith	·pharyngitis/laryngitis, tonsillitis, acute bronchitis,
Tablets 50 for	pneumonia, lung abscess, secondary infection of
pediatric, Clarith	chronic respiratory lesions
Dry Syrup 10%	·urethritis
for pediatric, and	·cervicitis
the others	·infectious enteritis
	·otitis media, sinusitis
	·periodontal inflammation, pericoronitis, jaw
	inflammation
	2. Nontuberculous mycobacteriosis
	Nontuberculous mycobacteriosis including
	mycobacterium avium complex (MAC)
	3. Helicobacter pylori infection
	Gastric or duodenal ulcer, mucosa-associated
	lymphoid tissue (MALT) lymphoma of the
	stomach, idiopathic thrombocytopenic purpura,
	Helicobacter pylori infection of the stomach after
	endoscopic treatment for early stage of gastric
	cancer, Helicobacter gastritis
	



For Pediatric Use		
1. Common infection		
·superficial skin infections, deep-seated skin		
infections, lymphangitis/lymphadenitis, chronic		
pyoderma		
·secondary infections following trauma, thermal		
burn, and surgical wound		
·pharyngitis/laryngitis, tonsillitis, acute bronchitis,		
pneumonia, lung abscess, secondary infection of		
chronic respiratory lesions		
·infectious enteritis		
·otitis media, sinusitis		
-scarlet fever		
·pertussis		
2. Disseminated mycobacterium avium complex		
(MAC) associated with acquired		
immunodeficiency syndrome (AIDS)		
Disseminated mycobacterium avium complex		
(MAC) associated with acquired		
immunodeficiency syndrome (AIDS)		

Clindamycin Hydrochloride	Dalacin Capsules 75mg, Dalacin Capsules 150mg	Pfizer Japan Inc.	Superficial skin infections, Deep-seated skin infections, chronic pyoderma, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, secondary infection of chronic respiratory lesions, dacryocystitis, hordeolum, otitis externa, otitis media, sinusitis, cellulitis around jawbone, jaw inflammation, scarlet fever	Z	V	V	V	
Clindamycin Phosphate	Dalacin S injection 300mg, Dalacin S injection 600mg and the others	Pfizer Japan Inc. and the others	Sepsis, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, secondary infection of chronic respiratory lesions, otitis media, sinusitis, cellulitis around jawbone, jaw inflammation	V	V	V	V	
Chloramphenicol	Chloromycetin Tablets 50, Chloromycetin Tablets 250, Chloromycetin topical solution 5%	Daiichi Sankyo Co., Ltd.	Tablets Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, secondary infections following trauma, thermal burn, and surgical wound, mastitis, osteomyelitis, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, lung abscess, pyothorax, secondary infection of	☑ (Tabl ets)	☑ (Tabl ets)	☑ (Tabl ets)	☑	☑ (Tabl ets)



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			chronic respiratory lesions, cystitis,			
			pyelonephritis, urethritis, Neisseria gonorrhoeae			
			infection, chancroid, lymphogranuloma			
			venereum, peritonitis, infectious enteritis, typhoid,			
			paratyphoid, intrauterine infection, uterine			
			adnexitis, dacryocystitis, keratitis, otitis media,			
			sinusitis, periodontal inflammation, pericoronitis,			
			scarlet fever, pertussis, tularaemia, gas			
			gangrene, exanthematic typhus, murine typhus,			
			scrub typhus			
			Topical solution			
			Superficial skin infections, deep-seated skin			
			infections, chronic pyoderma, secondary			
			infections following trauma, thermal burn, and			
			surgical wound, secondary infections of			
			erosions/ulcers, otitis externa, otitis media,			
			sinusitis, secondary infections following tooth			
			extraction wound and oral surgery wound			

Chloramphenicol Sodium Succinate	Chloromycetin succinate for intravenous injection 1g	Daiichi Sankyo Co., Ltd.	Sepsis, superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, secondary infections following trauma, thermal burn, and surgical wound, mastitis, osteomyelitis, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, lung abscess, pyothorax, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, urethritis, Neisseria gonorrhoeae infection, chancroid, lymphogranuloma venereum, peritonitis, cholecystitis, cholangitis, infectious enteritis, typhoid, paratyphoid, intrauterine infection, uterine adnexitis, pyogenic meningitis, dacryocystitis, keratitis, otitis media, sinusitis, periodontal inflammation, pericoronitis, scarlet fever, pertussis, tularaemia, gas gangrene, exanthematic typhus, murine typhus, scrub typhus	lacktriangle	☑	\square			
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	Methacolimycin		Infectious enteritis					
	Capsules							
	3,000,000 units,							
	Methacolimycin							
Colistin Sodium	granules	Dala Dharma						
Methanesulfonat	2,000,000	Pola Pharma						V
е	units/g,	Inc.						
	Colimycin							
	sulfate powder							
	2,000,000							
	units/g							
			·pharyngitis/laryngitis, tonsillitis (including					
			peritonsillitis and peritonsillar abscess), acute					
	Gracevit Tablets		bronchitis, pneumonia, secondary infection of					
Sitafloxacin	50mg, Gracevit	Daiichi Sankyo	chronic respiratory lesions					
Hydrate	Fine Granules	Co., Ltd.	·cystitis, pyelonephritis, urethritis	V	✓	V	\checkmark	
Trydrate	others	·cervicitis						
			otitis media, sinusitis					
		·periodontal inflammation, pericoronitis, jaw						
			inflammation					

Ciprofloxacin Hydrochloride Hydrate	Ciproxan Tablets 100mg, Ciproxan Tablets 200mg, and the others	Bayer Yakuhin, Ltd and the others	Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, secondary infections following trauma, thermal burn, and surgical wound, mastitis, perianal abscess, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, prostatitis (acute/chronic), epididymitis, urethritis, cholecystitis, cholangitis, infectious enteritis, bartholinitis, intrauterine infection, uterine adnexitis, dacryocystitis, hordeolum, meibomianitis, otitis media, sinusitis, anthrax	V	V	lacktriangle	lacktriangle	V
Dibekacin Sulfate	Panimycin injection 50mg, Panimycin injection 100mg, Panimycin 100mg for injection	Meiji Seika Pharma Co., Ltd.	Sepsis, deep-seated skin infections, chronic pyoderma, secondary infections following trauma, thermal burn, and surgical wound, tonsillitis, acute bronchitis, pneumonia, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, peritonitis, otitis media		V	V		



Josamycin	Josamycin Tablets 50mg, Josamycin Tablets 200mg	Astellas Pharma Inc.	Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, secondary infections following trauma, thermal burn, and surgical wound, mastitis, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, secondary infection of chronic respiratory lesions, cystitis, epididymitis, infectious enteritis, dacryocystitis, hordeolum, otitis media, sinusitis, purulent sialoadenitis, periodontal inflammation, pericoronitis, maxillary sinusitis, jaw inflammation, scarlet fever	V	☑	V	N	V
Josamycin Propionate	Josamy syrup 3%, Josamy Dry Syrup10%	Astellas Pharma Inc.	Superficial skin infections, deep-seated skin infections, chronic pyoderma, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, secondary infection of chronic respiratory lesions, dacryocystitis, otitis externa, otitis media, sinusitis, periodontal inflammation, pericoronitis, maxillary sinusitis, jaw inflammation, scarlet fever	☑	V	V	V	

Spiramycin Acetate	Acetylspiramycin Tablets 100, Acetylspiramy cin Tablets 200	Aspen Japan K.K.	Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, secondary infections following trauma, thermal burn, and surgical wound, mastitis, osteomyelitis, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, lung abscess, secondary infection of chronic respiratory lesions, syphilis, uterine adnexitis, dacryocystitis, hordeolum, otitis media, scarlet fever	V	V	V		
Sultamicillin Tosilate Hydrate	Unasyn Tablets 375mg, Unasyn Fine Granules for pediatric use 10%	Pfizer Japan Inc.	Tablets Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, lung abscess, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, Neisseria gonorrhoeae infection, intrauterine infection, dacryocystitis, keratitis (including corneal ulcer), otitis media, sinusitis Fine Granules	V	V	V	V	

			Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, lung abscess, secondary			
			infection of chronic respiratory lesions, cystitis, pyelonephritis, otitis media, sinusitis			
Sulfamethoxazol e/Trimethopri m	Baktar combination tablets, Baktar combination granules Bactramin combination tablets, Bactramin combination granules, and the others	Shionogi & Co., Ltd. Chugai Pharmaceutical Co., Ltd. and the others	1. Common infection -pneumonia, secondary infection of chronic respiratory lesions, -complicated cystitis, pyelonephritis, -infectious enteritis, typhoid, paratyphoid 2. Treatment and prophylaxis of pneumocystis pneumonia -prophylaxis of pneumocystis pneumonia, pneumocystis pneumonia			V

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			Capsules · Fine Granules				
			·superficial skin infections, deep-seated skin				
			infections, lymphangitis/lymphadenitis, chronic				
			pyoderma				
			·secondary infections following trauma, thermal				
			burn, and surgical wound, mastitis				
			·pharyngitis/laryngitis, tonsillitis, acute bronchitis,				
	Kefral Capsules		pneumonia, secondary infection of chronic				
	250mg, Kefral		respiratory lesions				
	Fine Granules	Shionogi & Co.,	·cystitis, pyelonephritis				
Cefaclor	for pediatric use	Ltd. and the	·hordeolum	V	V	V	
	100mg, L-Kefral	others	-otitis media				
	granules, and		·periodontal inflammation, pericoronitis, jaw				
	the others		inflammation				
			·scarlet fever				
			Granules				
			·deep-seated skin infections,				
			lymphangitis/lymphadenitis, chronic pyoderma				
			·pharyngitis/laryngitis, tonsillitis, acute bronchitis,				
			secondary infection of chronic respiratory lesions				

			-otitis media					
	Cefamexin α		Sepsis, infective endocarditis, superficial skin					
	0.25g for		infections, deep-seated skin infections,					
	intramuscular		lymphangitis/lymphadenitis, chronic pyoderma,					
	injection,		secondary infections following trauma, thermal					
	Cefamexin α		burn, and surgical wound, secondary infections					
	0.5g for		of erosions/ulcers, mastitis, osteomyelitis,					
Cefazolin	intramuscular	Astellas	arthritis, pharyngitis/laryngitis, tonsillitis, acute					
	injection,	Pharma Inc.	bronchitis, pneumonia, lung abscess, pyothorax,	\checkmark	V	\checkmark	\checkmark	
Sodium Hydrate	Cefamexin α	and the others	secondary infection of chronic respiratory lesions,					
	0.25g for		cystitis, pyelonephritis, peritonitis, cholecystitis,					
	injection,		cholangitis, bartholinitis, intrauterine infection,					
	Cefamexin α		uterine adnexitis, parametritis, endophthalmitis					
	0.5g for		(including panophthalmitis), otitis media,					
	injection,		sinusitis, purulent sialoadenitis					
	Cefamexin α 1g							

	for injection, Cefamexin α 2g for injection, Cefamexin α 1g for infusion kit, Cefamexin α 2g for infusion kit, and the others		Capsules					
Cefalexin	Keflex Capsules 250mg, Keflex Fine Granules for syrup 100, Keflex Fine Granules for syrup 200, L- Keflex granules, L-Keflex granules for pediatric use, and the others	Shionogi & Co., Ltd. and the others	 superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma secondary infections following trauma, thermal burn, and surgical wound, mastitis osteomyelitis, myositis pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, secondary infection of chronic respiratory lesions cystitis, pyelonephritis, prostatitis (acute/chronic), epididymitis Neisseria gonorrhoeae infection, cervicitis 	Ŋ	Ŋ	N	(without L-Keflex granule s for pediatri c use)	



T		ı	1	Т	ı	1
	·bartholinitis, intrauterine infection					
	·dacryocystitis, hordeolum, keratitis (including					
	corneal ulcer)					
	otitis externa, otitis media, sinusitis, purulent					
	sialoadenitis					
	·periodontal inflammation, pericoronitis, maxillary					
	sinusitis, jaw inflammation, secondary infections					
	following tooth extraction wound and oral surgery					
	wound					
	Fine Granules for syrup					
	-superficial skin infections, deep-seated skin					
	infections, lymphangitis/lymphadenitis, chronic					
	pyoderma					
	-secondary infections following trauma, thermal					
	burn, and surgical wound					
	·pharyngitis/laryngitis, tonsillitis, acute bronchitis,					
	pneumonia, secondary infection of chronic					
	respiratory lesions					
	· cystitis, pyelonephritis					
	·dacryocystitis, hordeolum					



-otitis externa, otitis media, sinusitis
-periodontal inflammation, jaw inflammation,
secondary infections following tooth extraction
wound and oral surgery wound
-scarlet fever
Granules
-superficial skin infections, deep-seated skin
infections, lymphangitis/lymphadenitis, chronic
pyoderma
-secondary infections following trauma, thermal
burn, and surgical wound, mastitis
-pharyngitis/laryngitis, tonsillitis(including
peritonsillitis), acute bronchitis, pneumonia,
secondary infection of chronic respiratory lesions
-cystitis, pyelonephritis, prostatitis (acute/chronic)
-bartholinitis
-dacryocystitis, hordeolum
-otitis externa, otitis media, sinusitis
-periodontal inflammation, pericoronitis, jaw
inflammation, secondary infections following



tooth extraction wound and oral surgery wound
Granules for pediatric use
-superficial skin infections, deep-seated skin
infections, lymphangitis/lymphadenitis, chronic
pyoderma
-secondary infections following trauma, thermal
burn, and surgical wound
-pharyngitis/laryngitis, tonsillitis, acute bronchitis,
pneumonia, secondary infection of chronic
respiratory lesions
-cystitis, pyelonephritis
-dacryocystitis, hordeolum
-otitis externa
-periodontal inflammation, jaw inflammation,
secondary infections following tooth extraction
wound and oral surgery wound
-scarlet fever

Cefalotin Sodium	Coaxin injection 1g, Coaxin injection 2g	CHEMIX INC.	Sepsis, superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, secondary infections following trauma, thermal burn, and surgical wound, osteomyelitis, pharyngitis/laryngitis, tonsillitis(including peritonsillitis), acute bronchitis, pneumonia, lung abscess, pyothorax, cystitis, pyelonephritis, epididymitis, Neisseria gonorrhoeae infection, peritonitis, intrauterine infection, uterine adnexitis, parametritis, otitis media, scarlet fever	☑	∑	☑		
Cefixime Hydrate	Cefspan Capsules 50mg, Cefspan Capsules 100mg, Cefspan Fine Granules 50mg, and the others	Choseido Pharmaceutical Co., Ltd. and the others	Acute bronchitis, pneumonia, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, urethritis, cholecystitis, cholangitis, otitis media, sinusitis, scarlet fever			V	V	
Cefepime Dihydrochloride Hydrate	Maxipime for injection 0.5g, Maxipime for	Bristol-Myers K.K. and the others	Common infection Sepsis, deep-seated skin infections, secondary infections following trauma, thermal burn, and		V		Z	

			·	1				
	injection 1g, and		surgical wound, perianal abscess, tonsillitis					
	the others		(including peritonsillar abscess), pneumonia, lung					
			abscess, secondary infection of chronic					
			respiratory lesions, complicated cystitis,					
			pyelonephritis, prostatitis (acute/chronic),					
			peritonitis, intra-abdominal abscess, cholecystitis,					
			cholangitis, intrauterine infection, parametritis,					
			otitis media, sinusitis					
			2. Febrile neutropenia					
			sepsis					
	Firstcin		secondary infections following trauma, thermal					
					burn, and surgical wound			
			pharyngitis/laryngitis, tonsillitis (including					
	0.5g, Firstcin		peritonsillar abscess), pneumonia, lung abscess,					
Cefozopran	intravenous 1g,	Teva Takeda	pyothorax, secondary infection of chronic					
Hydrochloride	Firstcin	Yakuhin Ltd.	respiratory lesions	 ✓	✓	✓		
	intravenous 1g		complicated cystitis, pyelonephritis, prostatitis					
	Bag S, Firstcin		(acute/chronic)					
	intravenous 1g		peritonitis, intra-abdominal abscess					
	Bag G		cholecystitis, cholangitis, liver abscess					
			intrauterine infection, uterine adnexitis,					

Cefotaxime Sodium	Claforan for injection 0.5g, Claforan for injection 1g, and the others	Sanofi K. K. and the others	parametritis pyogenic meningitis orbital infection, keratitis (including corneal ulcer), endophthalmitis (including panophthalmitis) otitis media, sinusitis, purulent sialoadenitis Sepsis, infective endocarditis, secondary infections following trauma, thermal burn, and surgical wound, acute bronchitis, pneumonia, lung abscess, pyothorax, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, peritonitis, cholecystitis, cholangitis, bartholinitis, intrauterine infection, uterine adnexitis, parametritis, pyogenic meningitis				
Cefotiam Hydrochloride	Pansporin intramuscular 0.25g, Pansporin intravenous 0.25g, Pansporin	Teva Takeda Yakuhin Ltd. and the others	sepsis deep-seated skin infections, chronic pyoderma, secondary infections following trauma, thermal burn, and surgical wound osteomyelitis, arthritis tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia, lung	S	S	V	

		1	T	T	T		1	
	intravenous		abscess, pyothorax, secondary infection of					
	0.5g, Pansporin		chronic respiratory lesions					
	intravenous 1g,		cystitis, pyelonephritis, prostatitis (acute/chronic)					
	Pansporin		peritonitis					
	intravenous 1g		cholecystitis, cholangitis					
	Bag S,		bartholinitis, intrauterine infection, uterine					
	Pansporin		adnexitis, parametritis					
	intravenous 1g		pyogenic meningitis					
	Bag G, and the		otitis media, sinusitis					
	others							
			superficial skin infections, deep-seated skin					
			infections, lymphangitis/lymphadenitis, chronic					
			pyoderma, secondary infections following					
	Donoporin T		trauma, thermal burn, and surgical wound					
Cefotiam Hexetil	Pansporin T	Takeda	mastitis, perianal abscess					
	Tablets 100,	Pharmaceutical	pharyngitis/laryngitis, tonsillitis, acute bronchitis,	✓	V	V	V	
Hydrochloride	Pansporin T	Co.,	pneumonia, secondary infection of chronic					
	Tablets 200		respiratory lesions					
			cystitis, pyelonephritis, urethritis					
			dacryocystitis, hordeolum, meibomianitis,					
			keratitis (including corneal ulcer)					

			otitis media, sinusitis			
Cefoperazone Sodium	Cefoperazin for injection 1g, and the others	Toyama Chemical Co., Ltd. and the others	 sepsis deep-seated skin infections, lymphangitis/lymphadenitis secondary infections following trauma, thermal burn, and surgical wound, mastitis acute bronchitis, pneumonia, lung abscess, pyothorax, secondary infection of chronic respiratory lesions cystitis, pyelonephritis, prostatitis (acute/chronic) peritonitis cholecystitis, cholangitis, liver abscess bartholinitis, intrauterine infection, uterine adnexitis, parametritis pyogenic meningitis 		☑	

Cefoperazone Sodium/ Sulbactam Sodium	Sulperazon for intravenous use 0.5g, Sulperazon for intravenous use 1g, Sulperazon Kit for intravenous use 1g, and the others	Pfizer Japan Inc. and the others	Sepsis, infective endocarditis, secondary infections following trauma, thermal burn, and surgical wound, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, lung abscess, pyothorax, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, peritonitis, intra-abdominal abscess, cholecystitis, cholangitis, liver abscess, bartholinitis, intrauterine infection, uterine adnexitis, parametritis	V	V	\S		
Cefcapene Pivoxil Hydrochloride Hydrate	Flomox Tablets 75mg, Flomox Tablets 100mg, Flomox Fine Granules for pediatric use 100mg, and the others	Shionogi & Co., Ltd. and the others	Tablets -superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma -secondary infections following trauma, thermal burn, and surgical wound ,mastitis, perianal abscess -pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia, secondary infection of chronic respiratory lesions	lacksquare	V	\square	lacksquare	



-cystitis, pyelonephritis -urethritis, cervicitis -cholecystitis, cholangitis -bartholinitis, intrauterine infection, uterine adnexitis -dacryocystitis, hordeolum, meibomianitis -otitis externa, otitis media, sinusitis -periodontal inflammation, pericoronitis, jaw inflammation Fine Granules for pediatric use 1. Pediatric -superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma -pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia -cystitis, pyelonephritis -otitis media, sinusitis		
-cholecystitis, cholangitis -bartholinitis, intrauterine infection, uterine adnexitis -dacryocystitis, hordeolum, meibomianitis -otitis externa, otitis media, sinusitis -periodontal inflammation, pericoronitis, jaw inflammation Fine Granules for pediatric use 1. Pediatric -superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma -pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia -cystitis, pyelonephritis -otitis media, sinusitis		·cystitis, pyelonephritis
-bartholinitis, intrauterine infection, uterine adnexitis -dacryocystitis, hordeolum, meibomianitis -otitis externa, otitis media, sinusitis -periodontal inflammation, pericoronitis, jaw inflammation Fine Granules for pediatric use 1. Pediatric -superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma -pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia -cystitis, pyelonephritis -otitis media, sinusitis		·urethritis, cervicitis
adnexitis -dacryocystitis, hordeolum, meibomianitis -otitis externa, otitis media, sinusitis -periodontal inflammation, pericoronitis, jaw inflammation Fine Granules for pediatric use 1. Pediatric -superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma -pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia -cystitis, pyelonephritis -otitis media, sinusitis		·cholecystitis, cholangitis
-dacryocystitis, hordeolum, meibomianitis -otitis externa, otitis media, sinusitis -periodontal inflammation, pericoronitis, jaw inflammation Fine Granules for pediatric use 1. Pediatric -superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma -pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia -cystitis, pyelonephritis -otitis media, sinusitis		·bartholinitis, intrauterine infection, uterine
-otitis externa, otitis media, sinusitis -periodontal inflammation, pericoronitis, jaw inflammation Fine Granules for pediatric use 1. Pediatric -superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma -pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia -cystitis, pyelonephritis -otitis media, sinusitis		adnexitis
·periodontal inflammation, pericoronitis, jaw inflammation Fine Granules for pediatric use 1. Pediatric -superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma -pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia -cystitis, pyelonephritis -otitis media, sinusitis		·dacryocystitis, hordeolum, meibomianitis
inflammation Fine Granules for pediatric use 1. Pediatric -superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma -pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia -cystitis, pyelonephritis -otitis media, sinusitis		·otitis externa, otitis media, sinusitis
Fine Granules for pediatric use 1. Pediatric -superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma -pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia -cystitis, pyelonephritis -otitis media, sinusitis		·periodontal inflammation, pericoronitis, jaw
1. Pediatric -superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma -pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia -cystitis, pyelonephritis -otitis media, sinusitis		inflammation
1. Pediatric -superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma -pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia -cystitis, pyelonephritis -otitis media, sinusitis		
-superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma -pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia -cystitis, pyelonephritis -otitis media, sinusitis		Fine Granules for pediatric use
infections, lymphangitis/lymphadenitis, chronic pyoderma -pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia -cystitis, pyelonephritis -otitis media, sinusitis		1. Pediatric
pyoderma -pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia -cystitis, pyelonephritis -otitis media, sinusitis		·superficial skin infections, deep-seated skin
-pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia -cystitis, pyelonephritis -otitis media, sinusitis		infections, lymphangitis/lymphadenitis, chronic
peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia -cystitis, pyelonephritis -otitis media, sinusitis		pyoderma
bronchitis, pneumonia -cystitis, pyelonephritis -otitis media, sinusitis		·pharyngitis/laryngitis, tonsillitis (including
-cystitis, pyelonephritis -otitis media, sinusitis		peritonsillitis and peritonsillar abscess), acute
otitis media, sinusitis		bronchitis, pneumonia
		·cystitis, pyelonephritis
		·otitis media, sinusitis
-scarlet fever		-scarlet fever



2. Adult (in case when it is difficult to take tablets
because of such as dysphagia)
·superficial skin infections, deep-seated skin
infections, lymphangitis/lymphadenitis, chronic
pyoderma
·secondary infections following trauma, thermal
burn, and surgical wound, mastitis, perianal
abscess
·pharyngitis/laryngitis, tonsillitis (including
peritonsillitis and peritonsillar abscess), acute
bronchitis, pneumonia, secondary infection of
chronic respiratory lesions
·cystitis, pyelonephritis
·urethritis, cervicitis
·cholecystitis, cholangitis
·bartholinitis, intrauterine infection, uterine
adnexitis
·dacryocystitis, hordeolum, meibomianitis
·otitis externa, otitis media, sinusitis
·periodontal inflammation, pericoronitis, jaw
inflammation

Cefditoren Pivoxil	Meiact MS Tablets 100mg, Meiact MS Fine Granules 10% for pediatric use, and the others	Meiji Seika Pharma Co., Ltd. and the others	Tablets Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, secondary infections following trauma, thermal burn, and surgical wound, mastitis, perianal abscess, pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia, lung abscess, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, cholecystitis, cholangitis, bartholinitis, intrauterine infection, uterine adnexitis, abscess of eyelid, dacryocystitis, hordeolum, meibomianitis, otitis media, sinusitis, periodontal inflammation, pericoronitis, jaw inflammation Fine Granules for pediatric use (1) Pediatric Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, secondary infections following	lacktriangleright	S	\subseteq	lacksquare	
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trauma, thermal burn, and surgical wound,			
perianal abscess, pharyngitis/laryngitis, tonsillitis			
(including peritonsillitis and peritonsillar abscess),			
acute bronchitis, pneumonia, lung abscess,			
secondary infection of chronic respiratory lesions,			
cystitis, pyelonephritis, otitis media, sinusitis,			
periodontal inflammation, jaw inflammation,			
scarlet fever, pertussis			
(2) Adult (in case when it is difficult to take tablets			
because of such as dysphagia)			
Superficial skin infections, Deep-seated skin			
infections, lymphangitis/lymphadenitis, chronic			
pyoderma, secondary infections following			
trauma, thermal burn, and surgical wound,			
mastitis, perianal abscess, pharyngitis/laryngitis,			
tonsillitis (including peritonsillitis and peritonsillar			
abscess), acute bronchitis, pneumonia, lung			
abscess, secondary infection of chronic			
respiratory lesions, cystitis, pyelonephritis,			
cholecystitis, cholangitis, bartholinitis, intrauterine			
infection, uterine adnexitis, abscess of eyelid,			

		dacryocystitis, hordeolum, meibomianitis, otitis media, sinusitis, periodontal inflammation, pericoronitis, jaw inflammation			
Cap Cefz Cap Cefdinir 100 Fine 10% ped	Astellas Pharma Inc. and the others	Capsules Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, secondary infections following trauma, thermal burn, and surgical wound, mastitis, perianal abscess, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, cystitis, pyelonephritis, urethritis, bartholinitis, intrauterine infection, uterine adnexitis, hordeolum, meibomianitis, otitis externa, otitis media, sinusitis, periodontal inflammation, pericoronitis, jaw inflammation Fine Granules for pediatric use	lacktriangle		

			Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, cystitis, pyelonephritis, otitis media, sinusitis, scarlet fever			
Ceftazidime Hydrate	Modacin for injection 0.5g, Modacin for injection 1g, and the others	GlaxoSmithKlin e K.K. and the others	Sepsis, infective endocarditis, secondary infections following trauma, thermal burn, and surgical wound, pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia, lung abscess, pyothorax, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, prostatitis (acute/chronic), peritonitis, cholecystitis, cholangitis, liver abscess, bartholinitis, intrauterine infection, uterine adnexitis, parametritis, pyogenic meningitis, otitis media, sinusitis	V	lacktriangle	

Ceftizoxime Sodium	Epocelin Suppositories 125, Epocelin Suppositories 250	Choseido Pharmaceutical Co.,Ltd.	Acute bronchitis, pneumonia, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis			Z		
Ceftibuten Hydrate	Seftem Capsules 100mg, Seftem Capsules 200mg	Shionogi & Co., Ltd.	 -acute bronchitis, secondary infection of chronic respiratory lesions -cystitis, pyelonephritis, prostatitis (acute only) -urethritis 			Z		
Cefteram Pivoxil	Tomiron Tablets 50, Tomiron Tablets 100, Tomiron Fine Granules 10% for pediatric use, Tomiron Fine Granules 20% for pediatric use,	Toyama Chemical Co., Ltd. and the others	Tablets ·pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia, secondary infection of chronic respiratory lesions ·cystitis, pyelonephritis, urethritis ·bartholinitis, intrauterine infection, uterine adnexitis ·otitis media, sinusitis	Z	☑	☑	V	



	and the eathers	nariodantal inflammation, nariographia, jaw			
ar	nd the others	·periodontal inflammation, pericoronitis, jaw			
		inflammation			
		Fine Granules for pediatric use			
		·Pediatric			
		pharyngitis/laryngitis, tonsillitis (including			
		peritonsillitis and peritonsillar abscess), acute			
		bronchitis, pneumonia, cystitis, pyelonephritis,			
		otitis media, sinusitis, scarlet fever			
		·Adult (in case when it is difficult to take tablets			
		because of such as dysphagia)			
		pharyngitis/laryngitis, tonsillitis (including			
		peritonsillitis and peritonsillar abscess), acute			
		bronchitis, pneumonia, secondary infection of			
		chronic respiratory lesions, cystitis,			
		pyelonephritis, urethritis, bartholinitis, intrauterine			
		infection, uterine adnexitis, otitis media, sinusitis,			
		periodontal inflammation, pericoronitis, jaw			
		inflammation			

Ceftriaxone Sodium Hydrate	Rocephin for intravenous injection 0.5g, Rocephin for intravenous injection 1g, Rocephin for intravenous drip infusion 1g Bag,	Chugai Pharmaceutical Co., Ltd. and the others	Sepsis, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, lung abscess, pyothorax, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, epididymitis, urethritis, cervicitis, pelvic inflammatory disease, proctitis, peritonitis, intra-abdominal abscess, cholecystitis, cholangitis, bartholinitis, intrauterine infection, uterine adnexitis, parametritis, pyogenic meningitis, keratitis (including corneal ulcer), otitis media, sinusitis, cellulitis around jawbone,	V	V	V	V	
	and the others		jaw inflammation					
	Cefpirome		Sepsis, infective endocarditis, deep-seated skin					
	sulfate		infections, lymphangitis/lymphadenitis, secondary					
	「CMX」 0.5g		infections following trauma, thermal burn, and					
	for intravenous		surgical wound, perianal abscess,					
Cefpirome	injection,	CHEMIX INC.	pharyngitis/laryngitis, tonsillitis (including	7	✓	7		
Sulfate	Cefpirome	and the others	peritonsillitis and peritonsillar abscess), acute	V	V	V		
	sulfate		bronchitis, pneumonia, lung abscess, pyothorax,					
	「CMX」1g for		secondary infection of chronic respiratory lesions,					
	intravenous		cystitis, pyelonephritis, prostatitis (acute/chronic),					
	injection, and		peritonitis, intra-abdominal abscess, cholecystitis,					

	the others		cholangitis, liver abscess, bartholinitis, intrauterine infection, uterine adnexitis, parametritis, pyogenic meningitis					
Cefpodoxime 1 Proxetil [Banan Tablets 100mg, Banan Dry Syrup 5%, and the others	Daiichi Sankyo Co., Ltd. and the others	Tablets Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, mastitis, perianal abscess, pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, urethritis, bartholinitis, otitis media, sinusitis, periodontal inflammation, pericoronitis, jaw inflammation Dry Syrup Superficial skin infections, deep-seated skin	V	V	V	V	

			infections, lymphangitis/lymphadenitis, chronic pyoderma, pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia, cystitis, pyelonephritis, otitis media, sinusitis, scarlet fever			
Cefminox Sodium Hydrate	Meicelin for injection 1g	Meiji Seika Pharma Co., Ltd.	Sepsis, tonsillitis (including peritonsillar abscess), acute bronchitis, pneumonia, lung abscess, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, peritonitis, cholecystitis, cholangitis, intrauterine infection, uterine adnexitis, parametritis	V	\	
Cefmetazole Sodium	Cefmetazon for intramuscular injection 0.5g, Cefmetazon for intravenous injection 0.25g, Cefmetazon for intravenous injection 0.5g, Cefmetazon for	Daiichi Sankyo Co., Ltd. and the others	Sepsis, acute bronchitis, pneumonia, lung abscess, pyothorax, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, peritonitis, cholecystitis, cholangitis, bartholinitis, intrauterine infection, uterine adnexitis, parametritis, cellulitis around jawbone, jaw inflammation		✓	



intravenou	IS			
injection 1	g,			
Cefmetazo	on for			
intravenou	ıs			
injection 2	g,			
Cefmetazo	on Kit			
for intrave	nous			
drip injecti	on 1g,			
and the ot	hers			



			peritonitis cholecystitis, cholangitis, liver abscess bartholinitis, intrauterine infection, uterine adnexitis, parametritis pyogenic meningitis For ear and nose Otitis externa, otitis media, sinusitis (cases of severe obstruction of the middle meatus should be excluded for spray inhalation with a nebulizer)				
Cefroxadine Hydrate	Oraspor Dry Syrup 10% for pediatric	Alfresa Pharma Corporation	Superficial skin infections, deep-seated skin infections, pharyngitis/laryngitis, tonsillitis, acute bronchitis, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, hordeolum, otitis media, scarlet fever	V	V	V	

Cefuroxime Axetil	Oracef Tablets 250mg	GlaxoSmithKlin e K.K.	Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, acne (with suppurative inflammation), mastitis, perianal abscess, pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, secondary infection of chronic respiratory lesions, cystitis (simple only), prostatitis (acute/chronic), epididymitis, urethritis, hordeolum, meibomianitis, otitis externa, otitis media, sinusitis, purulent sialoadenitis, periodontal inflammation, pericoronitis, jaw inflammation	lacktriangle	V	V	Ŋ	
Tetracycline Hydrochloride	Achromycin Powder, Achromycin V Capsules 50mg, Achromycin V Capsules 250mg	Pola Pharma Inc.	Powder Route of Administration Oral Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, mastitis, osteomyelitis, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, lung abscess, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, urethritis, Neisseria gonorrhoeae	lacktriangle	☑	V	Ŋ	

	infection, chancroid, lymphogranuloma		
	venereum, intrauterine infection, brain abscess,		
	dacryocystitis, otitis externa, otitis media,		
	sinusitis, periodontal inflammation, scarlet fever,		
	anthrax, brucellosis, pertussis, tularaemia, gas		
	gangrene, relapsing fever, Weil's disease,		
	exanthematic typhus, murine typhus, scrub		
	typhus		
	Capsules		
	Superficial skin infections, Deep-seated skin		
	infections, lymphangitis/lymphadenitis, chronic		
	pyoderma, mastitis, osteomyelitis,		
	pharyngitis/laryngitis, tonsillitis, acute bronchitis,		
	pneumonia, lung abscess, secondary infection of		
	chronic respiratory lesions, cystitis,		
	pyelonephritis, urethritis, Neisseria gonorrhoeae		
	infection, chancroid, lymphogranuloma		
	venereum, intrauterine infection, brain abscess,		
	dacryocystitis, otitis externa, otitis media,		
	sinusitis, periodontal inflammation, scarlet fever,		

			anthrax, brucellosis, pertussis, tularaemia, gas gangrene, relapsing fever, Weil's disease, exanthematic typhus, murine typhus, scrub typhus					
Tebipenem Pivoxil	Orapenem Fine Granules 10% for pediatric	Meiji Seika Pharma Co., Ltd.	Pneumonia, otitis media, sinusitis				V	
Demethylchlortet racycline Hydrochloride	Ledermycin Capsules150mg	Pola Pharma Inc.	Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, mastitis, osteomyelitis, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, lung abscess, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, urethritis, Neisseria gonorrhoeae infection, chancroid, lymphogranuloma venereum, intrauterine infection, dacryocystitis,	V	☑	☑	V	

			otitis externa, otitis media, sinusitis, scarlet fever, anthrax, pertussis, tularaemia, gas gangrene, Weil's disease, exanthematic typhus, murine typhus, scrub typhus				
Doxycycline Hydrochloride Hydrate	Vibramycin Tablets 50mg, Vibramycin Tablets 100mg	Pfizer Japan Inc.	Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, secondary infections following trauma, thermal burn, and surgical wound, mastitis, osteomyelitis, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, secondary infection of chronic respiratory lesions, cystitis,pyelonephritis, prostatitis (acute/chronic), urethritis, Neisseria gonorrhoeae infection, infectious enteritis, cholera, intrauterine infection, uterine adnexitis, abscess of eyelid, dacryocystitis, hordeolum, keratitis (including corneal ulcer), otitis media, sinusitis, pericoronitis, purulent sialoadenitis, scarlet fever,	lacktriangle	V	V	✓

			anthrax, brucellosis, plague, Q fever, psittacosis				
Tosufloxacin Tosilate Hydrate	Ozex Tablets 75, Ozex Tablets 150 Tosuxacin Tablets 75mg, Tosuxacin Tablets 150mg and the others	Toyama Chemical Co., Ltd. Mylan EPD G.K and the others	 superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, acne (with suppurative inflammation) secondary infections following trauma, thermal burn, and surgical wound, mastitis, perianal abscess osteomyelitis, arthritis pharyngitis/laryngitis, tonsillitis (including peritonsillar abscess), acute bronchitis, pneumonia, secondary infection of chronic respiratory lesions cystitis, pyelonephritis, prostatitis (acute/chronic), epididymitis, urethritis 	\S	\S		✓

	Tobracin		 cholecystitis, cholangitis infectious enteritis, typhoid, paratyphoid, cholera bartholinitis, intrauterine infection, uterine adnexitis dacryocystitis, hordeolum, meibomianitis otitis externa, otitis media, sinusitis, purulent sialoadenitis periodontal inflammation, pericoronitis, jaw inflammation anthrax Sepsis, deep-seated skin infections, chronic 				
Tobramycin	injection 60mg, Tobracin injection 90mg, Tobracin injection for pediatric use 10mg	Towa Pharmaceutical Co., Ltd.	pyoderma, secondary infections following trauma, thermal burn, and surgical wound, acute bronchitis, pneumonia, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, peritonitis			☑	
Doripenem Hydrate	Finibax for intravenous drip infusion 0.25g,	Shionogi & Co., Ltd.	-sepsis, infective endocarditis -deep-seated skin infections, lymphangitis/lymphadenitis	V	V		



Finibax for	·secondary infections following trauma, thermal		
intravenous drip	burn, and surgical wound		
infusion 0.5g,	·osteomyelitis, arthritis		
Finibax Kit for	·pharyngitis/laryngitis, tonsillitis (including		
intravenous drip	peritonsillitis and peritonsillar abscess)		
infusion 0.25g	pneumonia, lung abscess, pyothorax, secondary		
	infection of chronic respiratory lesions		
	-complicated cystitis, pyelonephritis, prostatitis		
	(acute/chronic), epididymitis		
	·peritonitis, intra-abdominal abscess		
	·cholecystitis, cholangitis, liver abscess		
	·intrauterine infection, uterine adnexitis,		
	parametritis		
	·pyogenic meningitis		
	orbital infection, keratitis (including corneal		
	ulcer), endophthalmitis (including		
	panophthalmitis)		
	-otitis media		
	 ·cellulitis around jawbone, jaw inflammation		



Nalidixic acid	Wintomylon Tablets 250, Wintomylon Tablets500 and the others	Daiichi Sankyo Co., Ltd. and the others	Cystitis, pyelonephritis, prostatitis (acute/chronic), Neisseria gonorrhoeae infection, infectious enteritis 100mg / 200mgTablets					V
Norfloxacin	Baccidal Tablets 100mg, Baccidal Tablets 200mg, Baccidal Tablets for pediatric use 50mg, and the others	KYORIN Pharmaceutical Co.,Ltd. and the others	Superficial skin infections, deep-seated skin infections, chronic pyoderma, pharyngitis/laryngitis, tonsillitis, acute bronchitis, cystitis, pyelonephritis, prostatitis (acute/chronic), urethritis, cholecystitis, cholangitis, infectious enteritis, typhoid, paratyphoid, cholera, otitis media, sinusitis, anthrax, tularaemia Tablets for pediatric use Superficial skin infections, chronic pyoderma, pharyngitis/laryngitis, tonsillitis, acute bronchitis, cystitis, pyelonephritis, infectious enteritis, typhoid, paratyphoid, anthrax, tularaemia	V	V	V	☑ (100m, 200mg Tablets)	lacksquare

Bacampicillin Hydrochloride	Pengood Tablets 250mg	Nichi-Iko Pharmaceutical Co., Ltd.	Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, secondary infections following trauma, thermal burn, and surgical wound, mastitis, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, Neisseria gonorrhoeae infection, peritonitis, intrauterine infection, uterine adnexitis, abscess of eyelid, hordeolum, keratitis (including corneal ulcer), otitis media, sinusitis, periodontal inflammation, pericoronitis, secondary infections following tooth extraction wound and oral surgery wound, scarlet fever	✓	☑		∑	
Panipenem/ Betamipron	Carbenin for intravenous drip infusion 0.25g, Carbenin for intravenous drip infusion 0.5g	Daiichi Sankyo Co., Ltd. and the others	Sepsis, infective endocarditis, deep-seated skin infections, lymphangitis/lymphadenitis, secondary infections following trauma, thermal burn, and surgical wound, perianal abscess, osteomyelitis, arthritis, pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia, lung abscess, pyothorax,	☑	V	$ar{\Sigma}$	V	



	secondary infection of chronic respiratory lesions,			
	cystitis, pyelonephritis, prostatitis (acute/chronic),			
	epididymitis, peritonitis, intra-abdominal abscess,			
	cholecystitis, cholangitis, liver abscess,			
	bartholinitis, intrauterine infection, uterine			
	adnexitis, parametritis, pyogenic meningitis,			
	orbital infection, endophthalmitis (including			
	panophthalmitis), otitis media, sinusitis, purulent			
	sialoadenitis, cellulitis around jawbone, jaw			
	inflammation			

Hydrochloride	Vancomycin sulfate powder 0.5g, and the others Shionogi & Ltd. and the others						☑	
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Pipemidic Acid Hydrate	Dolcol Tablets 250mg and the others	Nichi-Iko Pharmaceutical Co., Ltd. and the others	Cystitis, pyelonephritis, prostatitis (acute/chronic), infectious enteritis, otitis media, sinusitis		V	V
Piperacillin Sodium	Pentcillin for injection 1g, Pentcillin for injection 2g, Pentcillin for intravenous injection 1g Bag, Pentcillin for intravenous injection 2g Bag, and the others	Toyama Chemical Co., Ltd. and the others	-sepsis -acute bronchitis, pneumonia, lung abscess, pyothorax, secondary infection of chronic respiratory lesions -cystitis, pyelonephritis -cholecystitis, cholangitis -bartholinitis, intrauterine infection, uterine adnexitis, parametritis -pyogenic meningitis	V		

Faropenem Sodium Hydrate	Farom Tablets 150mg, Farom Tablets 200mg, Farom Dry Syrup 10% for pediatric	Maruho Co.,Ltd.	Tablets Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, acne (with suppurative inflammation), secondary infections following trauma, thermal burn, and surgical wound, mastitis, perianal abscess, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, lung abscess, cystitis, pyelonephritis, prostatitis (acute/chronic), epididymitis, bartholinitis, intrauterine infection, uterine adnexitis, dacryocystitis, hordeolum, meibomianitis, keratitis (including corneal ulcer), otitis externa, otitis media, sinusitis, periodontal inflammation, pericoronitis, jaw inflammation Dry Syrup Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, cystitis, pyelonephritis, otitis media, sinusitis, periodontal inflammation,	$ar{\mathbf{y}}$	abla	abla	V	
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			scarlet fever, pertussis				
Prulifloxacin	Sword Tablets 100	Meiji Seika Pharma Co., Ltd.	Superficial skin infections, deep-seated skin infections, chronic pyoderma, secondary infections following trauma, thermal burn, and surgical wound, perianal abscess, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, prostatitis (acute/chronic), cholecystitis, cholangitis, infectious enteritis, cholera, intrauterine infection, uterine adnexitis, hordeolum, otitis media, sinusitis	V	V		V

Flomoxef Sodium	Flumarin for intravenous 0.5g, Flumarin for intravenous 1g, Flumarin for intravenous kit 1g	Shionogi & Co., Ltd.	 sepsis, infective endocarditis secondary infections following trauma, thermal burn, and surgical wound pharyngitis/laryngitis, tonsillitis, acute bronchitis, secondary infection of chronic respiratory lesions cystitis, pyelonephritis, prostatitis (acute/chronic) urethritis peritonitis, intra-abdominal abscess cholecystitis, cholangitis bartholinitis, intrauterine infection, uterine adnexitis, parametritis otitis media, sinusitis 		V		V	
Benzylpenicillin Potassium	Penicillin G potassium 200,000 units for injection, Penicillin G potassium 1,000,000 units for injection	Meiji Seika Pharma Co., Ltd.	Sepsis, infective endocarditis, superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, mastitis, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, lung abscess, pyothorax, secondary infection of chronic respiratory lesions, Neisseria gonorrhoeae infection, pyogenic meningitis, otitis media, sinusitis, scarlet fever, anthrax, diphtheria (combination with antitoxin), rat-bite fever,	\z	V	✓	∑	

			tetanus (combination with antitoxin), gas gangrene (combination with antitoxin), actinomycosis, relapsing fever, Weil's disease, syphilis					
Benzylpenicillin Benzathine Hydrate	Bicillin G granules 400,000 units	MSD K.K.	Lymphangitis/lymphadenitis, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, secondary infection of chronic respiratory lesions, syphilis, otitis media, sinusitis, scarlet fever, prevention of rheumatic fever	Z	V	V	Ŋ	
Fosfomycin Calcium Hydrate	Fosmicin Tablets 250, Fosmicin Tablets 500, Fosmicin Dry Syrup 200, Fosmicin Dry Syrup 400, and the others	Meiji Seika Pharma Co., Ltd. and the others	Deep-seated skin infections, cystitis, pyelonephritis, infectious enteritis, dacryocystitis, hordeolum, meibomianitis, otitis media, sinusitis				\z	✓

Fosfomycin Sodium	Fosmicin-S 0.5g for injection, Fosmicin-S 1g for injection, Fosmicin-S 2g for injection, Fosmicin-S Bag 1g for intravenous drip infusion, Fosmicin-S Bag 2g for intravenous drip infusion, and the others	Meiji Seika Pharma Co., Ltd. and the others	Sepsis, acute bronchitis, pneumonia, lung abscess, pyothorax, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, peritonitis, bartholinitis, intrauterine infection, uterine adnexitis, parametritis			
Polymixin B Sulfate	Polymyxin B sulfate powder 0.5MU Pfizer, Polymyxin B sulfate powder 3MU Pfizer	Pfizer Japan Inc.	(Topical application) Secondary infections following trauma, thermal burn, and surgical wound, osteomyelitis, arthritis, cystitis, conjunctivitis, keratitis (including corneal ulcer), otitis media, sinusitis (Oral administration)		V	

			Intestinal decontamination in leukaemia treatment					
	Minomycin		Capsules • Tablets					
	Capsules 50mg,		Superficial skin infections, deep-seated skin					
	Minomycin		infections, lymphangitis/lymphadenitis, chronic					
	Capsules		pyoderma, secondary infections following					
	100mg,		trauma, thermal burn, and surgical wound,	✓			V	
	Minomycin		mastitis, osteomyelitis, pharyngitis/laryngitis,	(Capsu			(Capsu	✓
Minocycline	Tablets 50mg,	Pfizer Japan	tonsillitis(including peritonsillitis), acute	les,			les,	(Capsu
	Minomycin	Inc. and the	bronchitis, pneumonia, lung abscess, secondary	Tablets	✓	✓	Tablets	les,
Hydrochloride	Tablets 100mg,	others	infection of chronic respiratory lesions, cystitis,	,			,	Tablets
	Minomycin		pyelonephritis, prostatitis (acute/chronic),	Granul			Granul)
	granules 2%,		epididymitis, urethritis, Neisseria gonorrhoeae	es)			es)	
	Minomycin		infection, syphilis, peritonitis, infectious enteritis,					
	intravenous		vulvitis, vaginitis bacterial, intrauterine infection,					
	100mg, and the		dacryocystitis, hordeolum, otitis externa, otitis					
	others		media, sinusitis, purulent sialoadenitis,					

periodontal inflammation, pericoronitis, maxillary
sinusitis, jaw inflammation, anthrax, scrub
typhus, psittacosis
Granules
Superficial skin infections, deep-seated skin
infections, lymphangitis/lymphadenitis, chronic
pyoderma, osteomyelitis, pharyngitis/laryngitis,
tonsillitis, acute bronchitis, pneumonia,
secondary infection of chronic respiratory lesions,
dacryocystitis, hordeolum, otitis media, sinusitis,
purulent sialoadenitis, periodontal inflammation,
infectious stomatitis, scarlet fever, anthrax, scrub
typhus, psittacosis
Intravenous
Sepsis, deep-seated skin infections, chronic
pyoderma, tonsillitis, acute bronchitis,
pneumonia, secondary infection of chronic
respiratory lesions, cystitis, pyelonephritis,
peritonitis, anthrax, scrub typhus, psittacosis



Garenoxacin Mesilate Hydrate	Geninax Tablets 200mg	Toyama Chemical Co., Ltd.	pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia, secondary infection of chronic respiratory lesions, otitis media, sinusitis	V	V	V	V	
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Metronidazole	Flagyl internal Tablets 250mg, and the others Anaemetro intravenous infusion 500mg	Shionogi & Co., Ltd. and the others Pfizer Japan Inc.	Internal tablets 1. Trichomoniasis (infection from trichomonas vaginalis) 2. Infection due to anaerobes ·deep-seated skin infections ·secondary infections following trauma, thermal burn, and surgical wound ·osteomyelitis ·pneumonia, lung abscess ·pelvic inflammatory disease ·peritonitis, intra-abdominal abscess ·liver abscess ·brain abscess 3. Infectious enteritis Infectious enteritis (including Pseudomembranous colitis) 4. Bacterial vaginosis Bacterial vaginosis 5. Helicobacter pylori infection gastric or duodenal ulcer, mucosa-associated lymphoid tissue (MALT) lymphoma of the					
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	stomach, idiopathic thrombocytopenic purpura,
	Helicobacter pylori infection of the stomach after
	endoscopic treatment for early stage of gastric
	cancer, Helicobacter gastritis
	6. Amebic dysentery
	7. Giardia lamblia infection
	Intravenous infusion
	1. Infection due to anaerobes
	·sepsis
	·deep-seated skin infections
	-secondary infections following trauma, thermal
	burn, and surgical wound
	·osteomyelitis
	·pneumonia, lung abscess, pyothorax
	·pelvic inflammatory disease
	·peritonitis, intra-abdominal abscess
	·cholecystitis, liver abscess
	pyogenic meningitis
	·brain abscess
	2. Infectious enteritis



Infectious enteritis (including			
Pseudomembranous colitis)			
3. Amebic dysentery			



Meropenem Hydrate	Meropen for intravenous drip infusion Vial 0.25g, Meropen for intravenous drip infusion Vial 0.5g, Meropen Kit for intravenous drip infusion 0.5g, and the others	Sumitomo Dainippon Pharma Co., Ltd. and the others	1. Common infection Sepsis, deep-seated skin infections, lymphangitis/lymphadenitis, secondary infections following trauma, thermal burn, and surgical wound, perianal abscess,osteomyelitis, arthritis, tonsillitis (including peritonsillar abscess), pneumonia, lung abscess, pyothorax, secondary infection of chronic respiratory lesions, complicated cystitis, pyelonephritis, peritonitis, cholecystitis, cholangitis, liver abscess, intrauterine infection, uterine adnexitis, parametritis, pyogenic meningitis, endophthalmitis (including panophthalmitis), otitis media, sinusitis, cellulitis around jawbone, jaw inflammation 2. Febrile neutropenia		lacksquare		\z	
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Moxifloxacin hydrochloride	Avelox Tablets 400mg	Bayer Yakuhin, Ltd	Superficial skin infections, deep-seated skin infections, secondary infections following trauma, thermal burn, and surgical wound, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, secondary infection of chronic respiratory lesions, sinusitis	\	V	V	V	
Latamoxef Sodium	Shiomarin for intravenous 1g	Shionogi & Co., Ltd.	-sepsis -acute bronchitis, pneumonia, lung abscess, pyothorax, secondary infection of chronic respiratory lesions -cystitis, pyelonephritis -peritonitis -cholecystitis, cholangitis, liver abscess -intrauterine infection, uterine adnexitis, parametritis -pyogenic meningitis			$oldsymbol{\Sigma}$		

Lincomycin Hydrochloride Hydrate	Lincocin Capsules 250mg, Lincocin injection 300mg, Lincocin injection 600mg, Lincocin injection 1g, Lincocin injection 1.5g, and the others	Pfize Inc. other	r Japan and the	Capsules Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, mastitis, osteomyelitis, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, lung abscess, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, infectious enteritis, keratitis (including corneal ulcer), otitis media, sinusitis, scarlet fever Injection Sepsis, infective endocarditis, Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, mastitis, osteomyelitis, arthritis, pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, lung abscess, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, bartholinitis, intrauterine infection, uterine	oxdiv		☑ (Cap sules
				bartholinitis, intrauterine infection, uterine adnexitis, parametritis, pyogenic meningitis, keratitis (including corneal ulcer), otitis media,			

			sinusitis, scarlet fever			
Levofloxacin Hydrate	Cravit Tablets 250mg, Cravit Tablets 500mg, Cravit Fine Granules 10%, and the others	Daiichi Sankyo Co., Ltd. and the others	Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, acne (with suppurative inflammation), secondary infections following trauma, thermal burn, and surgical wound, mastitis, perianal abscess, pharyngitis/laryngitis, tonsillitis (including peritonsillitis and peritonsillar abscess), acute bronchitis, pneumonia, secondary infection of chronic respiratory lesions, cystitis, pyelonephritis, prostatitis (acute/chronic), epididymitis, urethritis, cervicitis, cholecystitis, cholangitis, infectious enteritis, typhoid, paratyphoid, cholera, bartholinitis, intrauterine infection, uterine adnexitis, dacryocystitis, hordeolum, meibomianitis, otitis externa, otitis	Ŋ	∑.	V

			media, sinusitis, purulent sialoadenitis, periodontal inflammation, pericoronitis, jaw inflammation, anthrax, brucellosis, plague, tularaemia, pulmonary tuberculosis and other tuberculosis, Q fever					
Roxithromycin	Rulid Tablets 150, and the others	Sanofi K. K. and the others	Superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma, acne (with suppurative inflammation), pharyngitis/laryngitis, tonsillitis, acute bronchitis, pneumonia, otitis media, sinusitis, periodontal inflammation, pericoronitis, jaw inflammation	☑	☑	☑	V	
Lomefloxacin hydrochloride	Bareon Capsules 100mg, Bareon Tablets 200mg	Mylan EPD G.K.	·superficial skin infections, deep-seated skin infections, lymphangitis/lymphadenitis, chronic pyoderma ·Secondary infections following trauma, thermal burn, and surgical wound, mastitis, perianal abscess			Z	V	•



	and a constallation and the sixting			
	·osteomyelitis, arthritis			
	·acute bronchitis, pneumonia, lung abscess,			
	secondary infection of chronic respiratory lesions			
	·cystitis, pyelonephritis, prostatitis			
	(acute/chronic), urethritis			
	·infectious enteritis			
	·bartholinitis, intrauterine infection, uterine			
	adnexitis			
	·abscess of eyelid, dacryocystitis, hordeolum,			
	meibomianitis, keratitis (including corneal ulcer)			
	·otitis media, sinusitis			
	·periodontal inflammation, pericoronitis, jaw			
	inflammation			