

林口長庚紀念醫院

抗生素敏感性試驗

2019年報

JAN. ~ DEC.

檢驗醫學部 微生物組  
感染管制委員會  
製表

# ANAEROBES

JAN. ~ DEC., 2019

ANTIBIOTICS BACTERIA @	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY**				
		CC	MET	P	PIP	SAM
Actinomyces odontolyticus	184	60	9	64	99	89
Actinomyces spp.	118	54	12	83	97	97
Actinomyces neuii	42	26	0	93	100	100
Bacteriodes fragilis	559	45	100	0	56	67
Bacteroides ovatus	132	30	99	0	41	52
Bacteroides thetaiotaomicron	286	15	100	0	33	55
Bacteroides vulgatus	93	48	100	0	31	53
Clostridium perfringens	59	85	100	90	100	100
Clostridium ramosum	51	35	98	86	100	100
Clostridium sp	40	70	100	88	100	98
Dialister pneumosintes	41	98	98	98	100	100
Eggerthella lenta	44	82	100	36	95	98
Finegoldia magna	368	53	99	98	100	100
Fusobacterium nucleatum	41	100	100	98	98	100
Fusobacterium spp.	98	90	98	94	100	99
Fusobacterium varium	67	31	100	88	96	94
Parabacteroides distasonis	50	26	98	2	34	26
Parvimonas micra	241	87	99	95	99	100
Peptoniphilus harei	156	62	99	88	99	97
Peptostreptococcus anaerobius	147	60	99	39	100	50
Peptostreptococcus spp.	250	58	99	95	100	100
Prevotella bivia	267	38	98	5	75	99
Prevotella buccae	85	40	100	13	69	98
Prevotella denticola	46	39	100	13	96	100
Prevotella intermedia	65	69	100	11	88	98
Prevotella melaninogenica	143	60	100	20	82	100
Prevotella spp.	281	63	100	31	84	99
Propionibacterium acnes	475	88	0	100	100	100
Propionibacterium avidum	146	61	0	100	100	100
Propionibacterium spp.	120	87	0	100	100	100
Veillonella atypica	64	92	97	45	79	97
Veillonella parvula	153	77	99	35	88	93
Veillonella spp.	85	82	100	44	81	98

CC=clindamycin; MET=metronidazole; P=penicillin-G; PIP=piperacillin; SAM = ampicillin-su

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藍字代表較去年少10%以上

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僅供醫師經驗性選擇抗生素時參考之用。

**GRAM (-) BACILLI**  
**Enterobacteriaceae**  
**JAN. ~DEC., 2019**

ANTIBIOTICS BACTERIA @	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY**																	
		AMC	AM	AN	C	CAZ	CIP	CPS	CRO	CXM	CZ	ETP	FLO	GM	IPM	LVX	SAM	SXT	TZP
Citrobacter freundii complex	266	0	-	98	-	64	77	77	65	1	0	94	-	86	-	86	2	74	80
Citrobacter koseri	630	93	-	99	-	94	97	98	93	89	82	99	-	97	-	98	94	97	96
Escherichia coli	12542	74	-	99	-	70	62	96	71	68	36	99	-	79	-	66	59	55	95
Enterobacter cloacae complex	891	0	-	98	-	63	79	76	59	25	0	76	-	86	-	88	0	75	72
Klebsiella aerogenes	398	0	-	99	-	69	87	89	69	29	0	90	-	96	-	93	0	89	66
Klebsiella oxytoca	264	86	-	100	-	71	87	90	73	73	4	95	-	93	-	94	69	90	87
Klebsiella pneumoniae	4127	58	-	94	-	68	66	82	74	61	48	84	-	72	-	75	63	54	75
Morganella morganii	591	0	-	99	-	88	80	98	95	1	0	100	-	85	-	86	33	70	97
Proteus mirabilis	1512	84	-	98	-	95	76	98	92	90	25	100	-	80	-	83	81	53	98
Proteus vulgaris	211	85	-	100	-	98	98	100	94	1	0	100	-	98	-	99	96	80	100
Providencia rettgeri	63	0	-	97	-	96	83	95	94	76	0	95	-	89	-	84	61	80	98
Providencia stuartii	53	0	-	87	-	87	28	96	66	49	2	100	-	6	-	38	13	29	100
Salmonella enterica serogroup B	162	-	46	-	61	-	78	-	83	-	-	100	93	-	100	-	-	70	-
Salmonella enterica serogroup C1	44	-	79	-	88	-	77	-	98	-	-	98	100	-	100	-	-	84	-
Salmonella enterica serogroup C2	79	-	30	-	30	-	33	-	53	-	-	97	97	-	100	-	-	37	-
Salmonella enterica serogroup D	290	-	88	-	99	-	91	-	98	-	-	100	99	-	100	-	-	95	-
Salmonella enterica serogroup E	95	-	8	-	8	-	24	-	77	-	-	98	79	-	98	-	-	10	-
Serratia marcescens	514	0	-	98	-	90	90	94	85	0	0	98	-	94	-	92	0	94	90

AMC=amoxicillin/clavulanic acid; AM=ampicillin; AN=amikacin; C=chloramphenicol; CAZ=ceftazidime; CIP=ciprofloxacin;  
 CPS=cefoperazone-sulbactam; CRO=ceftriaxone; CXM=cefuroxime; CZ=cefazolin; ETP=ertapenem; FLO=flomoxef;  
 GM=gentamicin; IPM=imipenem; LVX=levofloxacin; SAM=ampicillin-sulbactam; SXT=sulfamethoxazole-trimethoprim;  
 TZP=piperacillin-tazobactam; - =not tested or not available

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 CR或MDR菌株均已併入原菌株結果一起檢視。

**GRAM (-) BACILLI**  
**Non Enterobacteriaceae**  
**JAN. ~ DEC., 2019**

ANTIBIOTICS BACTERIA @	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY**																								
		AMC	AM	AN	CAZ	CIP	CLR	CL	CPS	CRO	CXM	DOR	ETP	FEP	GM	IPM	LVX	MEM	MXF	P	SAM	SXT	TE	TGC	TZP	
Acinetobacter baumannii	931	-	-	44	36	35	-	100	46	-	-	-	-	37	37	41	-	40	-	-	44	-	-	73	34	
Acinetobacter baumannii complex	58	-	-	83	66	72	-	100	93	-	-	-	-	79	47	88	-	88	-	-	93	-	-	98	72	
Acinetobacter junii	55	-	-	100	98	91	-	96	98	-	-	-	-	98	85	98	-	98	-	-	98	-	-	100	98	
Acinetobacter nosocomialis	515	-	-	64	84	51	-	99	84	-	-	-	-	53	49	51	-	50	-	-	78	-	-	66	45	
Acinetobacter pittii	195	-	-	90	93	73	-	99	94	-	-	-	-	88	70	83	-	79	-	-	94	-	-	100	67	
Acinetobacter spp.	218	-	-	70	55	54	-	95	80	-	-	-	-	59	66	61	-	61	-	-	78	-	-	100	53	
Acinetobacter ursingii	66	-	-	86	12	77	-	100	98	-	-	-	-	72	89	89	-	91	-	-	100	-	-	100	83	
Aeromonas hydrophila complex	67	-	-	100	91	84	-	-	-	78	78	-	45	-	94	-	99	-	-	-	-	86	78	-	-	
Aeromonas spp.	58	-	-	98	81	81	-	-	-	74	63	-	74	-	91	-	91	-	-	-	-	74	84	-	-	
Burkholderia cepacia complex	450	-	-	-	98	-	-	-	-	-	-	-	-	-	-	-	-	94	-	-	-	95	-	-	-	
Haemophilus influenzae	461	77	28	-	-	-	69	-	-	100	72	-	-	-	-	-	-	-	-	-	-	52	-	-	-	
Haemophilus parainfluenzae	47	87	64	-	-	-	36	-	-	100	89	-	-	-	-	-	-	-	-	-	-	45	-	-	-	
Moraxella catarrhalis	172	99	-	-	-	-	-	-	-	100	100	-	-	-	-	-	-	-	-	-	-	90	-	-	-	
Moraxella spp.	63	100	-	-	-	-	-	-	-	94	95	-	-	-	-	-	-	-	-	-	-	83	-	-	-	
Neisseria gonorrhoeae	97	-	-	-	-	2	-	-	-	100	-	-	-	-	-	-	-	-	-	0	-	-	6	-	-	
Pseudomonas aeruginosa	3072	-	-	98	92	89	-	100	87	-	-	92	-	95	93	88	85	90	-	-	-	-	-	-	89	
Stenotrophomonas maltophilia	800	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	88	-	92	-	-	93	-	-	95	-

AMC=amoxicillin/clavulanic acid; AM=ampicillin; AN=amikacin; CAZ=ceftazidime; CIP=ciprofloxacin; CLR=clarithromycin; CL=colistin;

CPS=cefoperazone-sulbactam; CRO=ceftriaxone; CXM=cefuroxime; DOR=doripemun; ETP=ertapenem; FEP=cefepime; GM=gentamicin;

IPM=imipenem; LVX=levofloxacin; MEM=meropenem; MXF=moxifloxacin; P=penicillin; SAM=ampicillin-sulbactam;

SXT=sulfamethoxazole-trimethoprim; TE=tetracycline; TGC=tigecycline; TZP=piperacillin-tazobactam; - =not tested or not available

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CR或MDR菌株均已併入原菌株結果一起檢視。

## GRAM (+) BACTERIA

JAN.~ DEC., 2019

ANTIBIOTICS	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY**														
		AM	CC	CRO	E	FA	HGM	LVX	LZD	MXF	OX	P	SXT	TEC	TGC	VA
<b>Enterococcus avium</b>	106	81	-	-	-	-	97	-	-	-	-	77	-	100	-	100
<b>E. casseliflavus</b>	51	100	-	-	-	-	100	-	-	-	-	100	-	100	-	0
<b>E. faecalis</b>	2634	100	-	-	-	-	61	-	-	-	-	98	-	100	-	100
<b>E. faecium</b>	1264	9	-	-	-	-	53	-	99	-	-	7	-	41	99	40
<b>E. gallinarum</b>	54	96	-	-	-	-	96	-	-	-	-	91	-	100	-	0
<b>E. raffinosus</b>	59	17	-	-	-	-	78	-	-	-	-	10	-	100	-	100
<b>Micrococcus luteus</b>	71	-	91	-	61	-	-	-	-	-	97	93	99	100	-	100
<b>Staphylococcus aureus</b>	4658	-	67	-	46	92	-	-	100	-	55	8	92	100	100	100
<b>S. capitis</b>	525	-	79	-	74	-	-	-	-	-	69	25	96	100	-	100
<b>S. caprae</b>	251	-	76	-	64	-	-	-	-	-	78	16	94	100	-	100
<b>S. epidermidis</b>	2444	-	66	-	49	-	-	-	-	-	43	8	71	100	-	100
<b>S. haemolyticus</b>	796	-	46	-	18	-	-	-	-	-	11	3	55	98	-	100
<b>S. hominis</b>	698	-	71	-	45	-	-	-	-	-	56	19	76	100	-	100
<b>S. lugdunensis</b>	443	-	83	-	82	-	-	-	-	-	89	36	99	100	-	100
<b>S. saprophyticus</b>	158	-	-	-	-	-	-	-	-	-	78	31	91	100	-	100
<b>S. warneri</b>	62	-	73	-	53	-	-	-	-	-	68	10	94	100	-	100
<b>Coag. (-) staphylococci</b>	241	-	60	-	42	-	-	-	-	-	49	22	80	100	-	100
<b>Streptococcus anginosus</b>	443	98	75	100	70	-	-	-	-	-	-	98	-	100	-	100
<b>S. constellatus</b>	314	94	79	100	79	-	-	-	-	-	-	99	-	100	-	100
<b>S. dysgalactiae</b>	108	100	66	100	53	-	-	-	-	-	-	100	-	100	-	100
<b>S. gallolyticus</b>	189	98	38	99	33	-	-	-	-	-	-	99	-	100	-	100
<b>S. intermedius</b>	90	100	80	100	77	-	-	-	-	-	-	100	-	100	-	100
<b>S. mitis group</b>	296	65	70	86	25	-	-	-	-	-	-	65	-	100	-	100
<b>S. oralis</b>	149	77	70	91	40	-	-	-	-	-	-	75	-	100	-	100
<b>S. parasanguinis</b>	60	65	70	88	33	-	-	-	-	-	-	72	-	100	-	100
<b>Streptococcus pneumoniae</b>	255	-	-	#	-	-	-	97	-	98	-	#	-	-	-	100
<b>S. salivarius</b>	113	69	71	96	46	-	-	-	-	-	-	65	-	100	-	100
<b>Beta strep. group A***</b>	65	100	57	100	59	-	-	-	-	-	-	98	-	100	-	100
<b>Beta strep. group B</b>	1902	100	48	100	52	-	-	-	-	-	-	100	-	100	-	100
<b>Viridans streptococci</b>	85	86	62	93	38	-	-	-	-	-	-	84	-	100	-	100
<b>Rothia mucilaginosa</b>	41	-	27	-	73	-	-	-	-	-	61	54	61	100	-	100

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# Streptococcus pneumoniae對penicillin與ceftriaxone的藥敏結果綜合整理於最後

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\*\*\*不包括呼吸道檢體

**GRAM (-) BACILLI - nosocomial isolates only**  
**NOSOCOMIAL ISOLATES ONLY**  
**JAN. ~ DEC., 2019**

ANTIBIOTICS BACTERIA @	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY**																					
		AMC	AN	CAZ	CIP	CL	CPS	CRO	CXM	CZ	DOR	ETP	FEP	FLO	GM	IPM	LVX	MEM	MXF	SAM	SXT	TGC	TZP
<i>Acinetobacter baumannii</i> &	83	-	45	34	35	99	45	-	-	-	-	-	37	-	32	40	-	40	-	42	-	52	34
<i>A. nosocomialis</i> &	83	-	51	58	53	99	85	-	-	-	-	-	42	-	19	53	-	52	-	60	-	56	47
<i>Burkholderia cepacia</i> complex	74	-	-	97	-	-	-	-	-	-	-	-	-	-	-	-	96	-	-	100	-	-	-
<i>Enterobacter cloacae</i> complex	79	0	98	60	73	-	61	44	17	0	-	66	-	-	79	-	77	-	-	0	77	-	69
<i>E. coli</i> &	501	62	100	56	49	-	92	44	42	23	-	97	42	77	74	-	52	-	-	49	45	99	94
<i>Klebsiella pneumoniae</i> &	306	25	81	40	40	-	49	39	32	28	-	58	40	36	52	-	47	-	-	34	41	74	50
<i>Pseudomonas aeruginosa</i> &	163	-	97	86	86	98	79	-	-	-	87	-	89	-	92	76	81	80	-	-	-	-	85
<i>Stenotrophomonas maltophilia</i>	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	78	-	93	-	93	87	-
<i>Serratia marcescens</i>	40	0	98	71	81	-	94	70	0	0	-	98	100	-	95	-	92	-	-	0	100	-	90
<i>Proteus mirabilis</i>	41	78	95	72	64	-	100	78	76	10	-	100	77	-	69	-	68	-	-	56	48	-	100

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&上表中所列數字, 已包含CR及MDR菌株.

A. baumannii-MDR strain: 42株, 50.6%; K. pneumoniae-MDR strain:34株, 11.1%

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NOSOCOMIAL ISOLATES ONLY  
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ANTIBIOTICS BACTERIA@	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY**											
		AM	CC	E	FA	HGM	LZD	OX	P	SXT	TEC	TGC	VA
Enterococcus faecalis	145	100	-	-	-	63	-	-	98	-	100	-	100
E. faecium&	271	3	-	-	-	47	96	-	3	-	28	100	27
Staphylococcus aureus&	166	-	64	39	88	-	100	45	7	80	100	100	100
S. epidermidis	65	-	52	34	-	-	-	8	2	56	100	-	100

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OX=oxacillin; P=penicillin-G; SXT = sulfamethoxazole-trimethoprim; TEC=teicoplanin; TGC=tigecyclin; VA=vancomycin;  
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& E. faecium含VRE198株 (73.1%); S. aureus含MRSA91株 (54.8%)

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GRAM (-) BACILLI

[Adult/ICU]

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ANTIBIOTICS BACTERIA @	TOTAL (no.)	PERCENT OF SUSCEPTIBILITY**																						
		AMC	AM	AN	CAZ	CIP	CLR	CL	CPS	CRO	CXM	CZ	DOR	ETP	FEP	GM	IPM	LVX	MEM	MXF	SAM	SXT	TGC	TZP
Acinetobacter baumannii	216	-	-	34	24	24	-	99	37	-	-	-	-	-	25	29	26	-	25	-	33	-	74	22
A. nosocomialis	135	-	-	64	82	50	-	98	82	-	-	-	-	-	55	50	56	-	55	-	78	-	69	44
Burkholderia cepacia complex	112	-	-	-	99	-	-	-	-	-	-	-	-	-	-	-	-	-	92	-	-	99	-	-
Enterobacter cloacae complex	110	0	-	96	52	75	-	-	72	48	22	0	-	72	-	77	-	85	-	-	0	88	-	87
E. coli	515	70	-	99	59	51	-	-	93	54	52	32	-	97	-	74	-	55	-	-	53	56	-	91
Haemophilus influenzae	46	70	24	-	-	-	70	-	-	100	70	-	-	-	-	-	-	-	-	-	-	57	-	-
Klebsiella pneumoniae	424	55	-	91	65	65	-	-	74	68	61	48	-	79	-	71	-	70	-	-	62	63	-	68
Proteus mirabilis	50	71	-	96	88	64	-	-	96	80	78	30	-	100	-	78	-	68	-	-	70	35	-	94
Pseudomonas aeruginosa	341	-	-	98	85	87	-	100	77	-	-	-	89	-	92	91	81	83	87	-	-	-	-	82
Serratia marcescens	47	0	-	100	81	89	-	-	100	77	0	0	-	98	-	98	-	98	-	-	0	100	-	91
Stenotrophomonas maltophilia	181	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	95	-	95	-	96	96	-

AMC=amoxicillin/clavulanic acid; AM=ampicillin; AN=amikacin; CAZ=ceftazidime; CIP=ciprofloxacin; CLR=clarithromycin; CL=colistin; CPS=cefoperazone-sulbactam; CRO=ceftriaxone; CXM=cefuroxime; CZ=cefazolin; DOR=doripemun; ETP=ertapenem; FEP=cefepime; GM=gentamicin; IPM=imipenem; LVX=levofloxacin; MEM=meropenem; MXF=moxifloxacin; SAM=ampicillin-sulbactam; SXT=sulfamethoxazole-trimethoprim; TGC=tigecycline; TZP=piperacillin-tazobactam; - = not tested or not available

\*\*紅字代表藥敏性較去年數字低10以上; 藍字代表較去年高10以上

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## GRAM (+) BACTERIA

[Adult/ICU]

JAN. ~ DEC., 2019

ANTIBIOTICS BACTERIA @	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY**														
		AM	CC	CRO	E	FA	HGM	LVX	LZD	MXF	OX	P	SXT	TEC	TGC	VA
Enterococcus faecalis	152	100	-	-	-	-	57	-	-	-	-	96	-	100	-	100
E. faecium	168	5	-	-	-	-	56	-	99	-	-	4	-	37	100	36
Staphylococcus aureus	397	-	67	-	49	89	-	-	100	-	55	8	84	100	100	100
S. epidermidis	106	-	64	-	42	-	-	-	-	-	26	8	58	100	-	100
S. haemolyticus	111	-	28	-	6	-	-	-	-	-	4	0	52	99	-	100
Streptococcus pneumoniae	28	-	-	#	-	-	-	96	-	96	-	#	-	-	-	100

AM=ampicillin; CC=clindamycin; CRO=ceftriaxone; E=erythromycin; FA=fusidic acid; HGM= high level gentamicin; LVX=levofloxacin; LZD=linezolid; MXF=moxifloxacin; OX=oxacillin; P=penicillin-G; SXT = sulfamethoxazole-trimethoprim; TEC=teicoplanin; TGC=tigecyclin; VA=vancomycin;

- = not tested or not available

# Streptococcus pneumoniae對penicillin與ceftriaxone的藥敏結果綜合整理於最後

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## GRAM (-) BACILLI

[Adult/non-ICU]

JAN. ~ DEC., 2019

Enterobacteriaceae

ANTIBIOTICS BACTERIA@	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY**																	
		AM	AMC	AN	C	CAZ	CIP	CPS	CRO	CXM	CZ	ETP	FLO	GM	IPM	LVX	SAM	SXT	TZP
Citrobacter freundii complex	218	-	0	99	-	98	78	79	65	1	0	86	-	86	-	87	3	70	80
Citrobacter koseri	536	-	93	99	-	94	97	98	93	89	81	94	-	98	-	97	94	97	96
Enterobacter cloacae complex	729	-	0	98	-	65	78	75	60	25	0	77	-	88	-	87	0	73	72
E. coli	10274	-	74	99	-	71	61	96	70	68	36	99	-	79	-	64	60	55	95
Klebsiella aerogenes	327	-	0	100	-	70	87	89	70	30	0	90	-	97	-	94	0	90	67
Klebsiella oxytoca	200	-	84	100	-	75	85	89	72	72	5	95	-	93	-	93	70	86	87
K. pneumoniae	3322	-	59	94	-	70	65	82	74	62	48	84	-	73	-	74	64	54	75
Morganella morganii	472	-	0	99	-	89	78	97	95	1	0	100	-	83	-	84	35	64	96
Proteus mirabilis	1259	-	82	98	-	95	73	98	92	90	23	100	-	79	-	82	82	50	98
P. vulgaris	170	-	87	100	-	98	98	99	94	0	0	100	-	98	-	99	97	81	99
Providencia rettgeri	57	-	0	96	-	94	81	94	93	74	0	95	-	89	-	82	61	79	98
P. stuartii	52	-	0	87	-	86	29	96	65	48	2	100	-	6	-	38	14	29	100
Salmonella enterica serogroup D	107	86	-	-	100	-	94	-	99	-	-	100	100	-	100	-	-	95	-
Serratia marcescens	432	-	0	98	-	92	91	94	86	0	0	98	-	94	-	93	0	93	90

AM=ampicillin; AMC=amoxicillin/clavulanic acid; AN=amikacin; C=chloramphenicol; CAZ=ceftazidime; CIP=ciprofloxacin; CPS=cefoperazone-sulbactam; CRO=ceftriaxone; CXM=cefuroxime; CZ=cefazolin; ETP=ertapenem; FLO=flomoxef; GM=gentamicin; IPM=imipenem; LVX=levofloxacin; SAM=ampicillin-sulbactam; SXT=sulfamethoxazole-trimethoprim; TZP=piperacillin-tazobactam; - =not tested or not available

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## GRAM (-) BACILLI

[Adult/non-ICU]

JAN. ~ DEC., 2019

Non-Enterobacteriaceae

ANTIBIOTICS BACTERIA	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY**																							
		AM	AMC	AN	CAZ	CIP	CL	CLR	CPS	CRO	CXM	DOR	ETP	FEP	GM	IPM	LVX	MEM	MXF	P	SAM	SXT	TE	TGC	TZP
Acinetobacter baumannii	675	-	-	46	39	37	100	-	48	-	-	-	-	40	40	45	-	44	-	-	46	-	-	73	37
Acinetobacter baumannii complex	40	-	-	88	73	80	100	-	98	-	-	-	-	80	45	100	-	100	-	-	98	-	-	100	78
A. junii	48	-	-	100	98	90	96	-	98	-	-	-	-	98	88	98	-	98	-	-	98	-	-	100	98
A. nosocomialis	366	-	-	63	84	50	99	-	84	-	-	-	-	51	47	48	-	47	-	-	78	-	-	64	45
A. pittii	166	-	-	92	93	75	99	-	95	-	-	-	-	90	72	86	-	83	-	-	95	-	-	100	67
Acinetobacter spp.	175	-	-	69	57	54	94	-	81	-	-	-	-	61	68	64	-	64	-	-	78	-	-	99	57
A. ursingii	56	-	-	89	14	80	100	-	100	-	-	-	-	76	93	95	-	96	-	-	100	-	-	100	82
Aeromonas hydrophila complex	62	-	-	100	90	84	-	-	-	76	77	-	45	-	94	-	98	-	-	-	-	85	77	-	-
Aeromonas spp.	54	-	-	98	81	83	-	-	-	74	66	-	74	-	93	-	94	-	-	-	-	76	90	-	-
Burkholderia cepacia complex	323	-	-	-	98	-	-	-	-	-	-	-	-	-	-	-	-	95	-	-	-	94	-	-	-
Haemophilus influenzae	312	30	81	-	-	-	-	72	-	100	76	-	-	-	-	-	-	-	-	-	-	52	-	-	-
Moraxella catarrhalis	95	-	100	-	-	-	-	-	-	100	100	-	-	-	-	-	-	-	-	-	-	92	-	-	-
Moraxella spp.	49	-	100	-	-	-	-	-	-	92	94	-	-	-	-	-	-	-	-	-	-	80	-	-	-
Neisseria gonorrhoeae	94	-	-	-	-	2	-	-	-	100	-	-	-	-	-	-	-	-	-	0	-	-	6	-	-
Pseudomonas aeruginosa	2549	-	-	98	92	88	100	-	87	-	-	92	-	95	94	89	85	90	-	-	-	-	-	89	-
Stenotrophomonas maltophilia	593	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	85	-	91	-	-	92	-	95	-

AM=ampicillin; AMC=amoxicillin/clavulanic acid; AN=amikacin; CAZ=ceftazidime; CIP=ciprofloxacin; CL=colistin; CLR=clarithromycin; CPS=cefoperazone-sulbactam; CRO=ceftriaxone; CXM=cefuroxime; DOR=doripemun; ETP=ertapenem; FEP=cefepime; GM=gentamicin; IPM=imipenem; LVX=levofloxacin; MEM=meropenem; MXF=moxifloxacin; P=penicillin; SAM=ampicillin-sulbactam; SXT=sulfamethoxazole-trimethoprim; TE=tetracycline; TGC=tigecycline; TZP=piperacillin-tazobactam; - =not tested or not available

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**GRAM (+) BACTERIA**  
[Adult/non-ICU]

JAN. ~ DEC., 2019

ANTIBIOTICS BACTERIA	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY**														
		AM	CC	CRO	E	FA	HGM	LVX	LZD	MXF	OX	P	SXT	TEC	TGC	VA
Enterococcus avium	79	86	-	-	-	-	96	-	-	-	-	82	-	100	-	100
E. faecalis	2134	100	-	-	-	-	61	-	-	-	-	98	-	100	-	100
E. faecium	1056	10	-	-	-	-	53	-	99	-	-	7	-	41	99	39
E. gallinarum	43	95	-	-	-	-	98	-	-	-	-	91	-	100	-	0
E. raffinosus	45	20	-	-	-	-	82	-	-	-	-	11	-	100	-	100
Micrococcus luteus	65	-	91	-	61	-	-	-	-	-	97	92	98	100	-	100
Staphylococcus aureus	3740	-	69	-	47	92	-	-	100	-	57	8	93	100	100	100
S. capitis	470	-	81	-	76	-	-	-	-	-	73	26	96	100	-	100
S. caprae	218	-	76	-	65	-	-	-	-	-	78	15	95	100	-	100
S. epidermidis	2088	-	67	-	52	-	-	-	-	-	46	9	72	100	-	100
S. haemolyticus	626	-	49	-	20	-	-	-	-	-	13	3	54	98	-	100
S. hominis	655	-	71	-	44	-	-	-	-	-	57	19	76	100	-	100
S. lugdunensis	393	-	83	-	83	-	-	-	-	-	92	37	99	100	-	100
S. saprophyticus	141	-	-	-	-	-	-	-	-	-	80	33	92	100	-	100
S. warneri	54	-	70	-	50	-	-	-	-	-	70	11	94	100	-	100
Coag. (-) staphylococci	204	-	59	-	43	-	-	-	-	-	48	23	79	100	-	100
Streptococcus anginosus	394	98	75	100	70	-	-	-	-	-	-	98	-	100	-	100
S. constellatus	282	94	80	100	81	-	-	-	-	-	-	99	-	100	-	100
S. dysgalactiae	95	100	68	100	55	-	-	-	-	-	-	100	-	100	-	100
S. gallolyticus	148	99	38	100	32	-	-	-	-	-	-	100	-	100	-	100
S. intermedius	78	100	82	100	78	-	-	-	-	-	-	100	-	100	-	100
Streptococcus mitis group	209	74	67	93	24	-	-	-	-	-	-	74	-	100	-	100
S. oralis	126	79	69	92	40	-	-	-	-	-	-	77	-	100	-	100
S. parasanguinis	48	69	67	92	40	-	-	-	-	-	-	79	-	100	-	100
Streptococcus pneumoniae	128	-	-	#	-	-	-	96	-	97	-	#	-	-	-	100
S. salivarius	89	78	72	99	49	-	-	-	-	-	-	73	-	100	-	100
Beta strep. group A***	43	100	65	100	70	-	-	-	-	-	-	100	-	100	-	100
Beta strep. group B	1803	100	48	100	52	-	-	-	-	-	-	100	-	100	-	100
Viridans streptococci	64	97	67	97	45	-	-	-	-	-	-	95	-	100	-	100

AM=ampicillin; CC=clindamycin; CRO=ceftriaxone; E=erythromycin; FA=fusidic acid; HGM= high level gentamicin; LVX=levofloxacin; LZD=linezolid; MXF=moxifloxacin; OX=oxacillin; P=penicillin-G; SXT = sulfamethoxazole-trimethoprim; TEC=teicoplanin; TGC=tigecyclin; VA=vancomycin; - = not tested or not available

# Streptococcus pneumoniae對penicillin與ceftriaxone的藥敏結果綜合整理於最後

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GRAM (-) BACILLI

[Pediatrics]

JAN. ~DEC., 2019

ANTIBIOTICS BACTERIA @	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY**																							
		AM	AMC	AN	C	CAZ	CIP	CL	CLR	CPS	CRO	CXM	CZ	DOR	ETP	FEP	FLO	GM	IPM	LVX	MEM	SAM	SXT	TGC	TZP
<b>Acinetobacter baumannii</b>	40	-	-	63	-	55	55	100	-	63	-	-	-	-	-	55	-	50	60	-	60	64	-	78	53
<b>Citrobacter koseri</b>	66	-	96	98	-	-	100	-	-	100	98	94	91	-	100	-	-	97	-	100	-	100	96	-	100
<b>Enterobacter cloacae complex</b>	52	-	0	96	-	74	92	-	-	85	65	27	0	-	73	-	-	85	-	98	-	0	79	-	81
<b>E. coli</b>	1752	-	74	100	-	72	76	-	-	98	79	75	35	-	100	-	-	79	-	80	-	61	53	-	96
<b>Haemophilus influenzae</b>	103	22	68	-	-	-	-	-	61	-	100	60	-	-	-	-	-	-	-	-	-	-	51	-	-
<b>K. oxytoca</b>	41	-	92	100	-	50	100	-	-	98	93	90	0	-	100	-	-	95	-	98	-	0	97	-	93
<b>K. pneumoniae</b>	381	-	54	99	-	47	73	-	-	93	83	54	41	-	87	-	-	61	-	87	-	46	53	-	81
<b>Moraxella catarrhalis</b>	66	-	97	-	-	-	-	-	-	-	100	100	-	-	-	-	-	-	-	-	-	-	89	-	-
<b>Morganella morganii</b>	90	-	0	100	-	80	90	-	-	99	98	0	0	-	99	-	-	94	-	94	-	0	93	-	98
<b>Proteus mirabilis</b>	203	-	92	99	-	80	90	-	-	99	97	95	34	-	100	-	-	89	-	93	-	80	65	-	99
<b>Pseudomonas aeruginosa</b>	182	-	-	99	-	98	95	100	-	93	-	-	-	97	-	98	-	95	96	94	95	-	-	-	95
<b>Salmonella enterica serogroup B</b>	130	43	-	-	62	-	77	-	-	-	83	-	-	-	100	-	94	-	100	-	-	-	70	-	-
<b>Salmonella enterica serogroup C2</b>	45	44	-	-	44	-	45	-	-	-	69	-	-	-	100	-	97	-	100	-	-	-	53	-	-
<b>Salmonella enterica serogroup D</b>	168	90	-	-	99	-	89	-	-	-	98	-	-	-	100	-	99	-	100	-	-	-	95	-	-
<b>Salmonella enterica serogroup E</b>	55	9	-	-	12	-	25	-	-	-	72	-	-	-	96	-	73	-	100	-	-	-	13	-	-

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## GRAM (+) BACTERIA

[Pediatrics]

JAN. ~ DEC., 2019

BACTERIA @ ANTIBIOTICS	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY**														
		AM	CC	CRO	E	FA	HGM	LVX	LZD	MXF	OX	P	SXT	TEC	TGC	VA
Enterococcus faecalis	347	100	-	-	-	-	56	-	-	-	-	100	-	100	-	100
Staphylococcus aureus	521	-	58	-	35	96	-	-	100	-	44	4	97	100	100	100
S. epidermidis	250	-	62	-	28	-	-	-	-	-	27	2	65	100	-	100
S. haemolyticus	59	-	52	-	17	-	-	-	-	-	10	2	69	98	-	100
S. pneumoniae	99	-	-	#	-	-	-	98	-	100	-	#	-	-	-	100
Beta strep. group B	60	100	-	100	-	-	-	-	-	-	-	100	-	100	-	100
Streptococcus mitis group	77	40	75	66	26	-	-	-	-	-	-	39	-	100	-	100

AM=ampicillin; CC=clindamycin; CRO=ceftriaxone; E=erythromycin; FA=fusidic acid; HGM= high level gentamicin; LVX=levofloxacin; LZD=linezolid;MXF=moxifloxacin; OX=oxacillin; P=penicillin-G; SXT = sulfamethoxazole-trimethoprim; TEC=teicoplanin; TGC=tigecyclin; VA=vancomycin; - = not tested or not available

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*Streptococcus pneumoniae*

JAN.~DEC., 2019

抗生 種類	檢體 別	判讀 標準	結果分類 (濃度範圍, mg/L)	全院			成人ICU			成人非ICU			兒童		
				總菌 株數*	菌 株數	%**	總菌 株數*	菌 株數	%**	總菌 株數*	菌 株數	%**	總菌 株數*	菌 株數	%**
Penicillin-G	CSF	meningitis標 準	S ( $\leq 0.06$ )	1	1	100.0	1	1	100.0	0	0	0.0	0	0	0.0
			-		-	-		-	-		-				
			R ( $\geq 0.12$ )		0	0.0		0	0.0		0	0.0			
	Other invasive specimens	meningitis標 準	S ( $\leq 0.06$ )	16	5	31.2	2	0	0.0	10	4	40.0	4	1	25.0
			-		-	-		-	-						
			R ( $\geq 0.12$ )		11	68.8		2	100.0		6	60.0		3	75.0
		non- meningitis標 準	S ( $\leq 2$ )		10	62.5		1	50.0		7	70.0		2	50.0
			I (4)		6	37.5		1	50.0		3	30.0		2	50.0
			R ( $\geq 8$ )		0	0.0		0	0.0		0	0.0		0	0.0
	Non- invasive specimens	non- meningitis標 準	S ( $\leq 2$ )	217	196	90.3	35	33	94.3	95	88	92.6	87	75	86.2
			I (4)		19	8.8		2	5.7		7	7.4		10	11.5
			R ( $\geq 8$ )		2	0.9		0	0.0		0	0.0		2	2.3
Ceftriaxone	CSF	meningitis標 準	S ( $\leq 0.5$ )	1	1	100.0	1	1	100.0	0	0	0.0	0	0	0.0
			I (1)		0	0.0		0	0.0		0	0.0		0	0.0
			R ( $\geq 2$ )		0	0.0		0	0.0		0	0.0		0	0.0
	Other invasive specimens	meningitis標 準	S ( $\leq 0.5$ )	16	13	81.3	2	2	100.0	10	8	80.0	4	3	75.0
			I (1)		2	12.5		0	0.0		2	20.0		0	0.0
			R ( $\geq 2$ )		1	6.3		0	0.0		0	0.0		1	25.0
		non- meningitis標 準	S ( $\leq 1$ )		15	93.8		2	100.0		10	100.0		3	75.0
			I (2)		1	6.2		0	0.0		0	0.0		1	25.0
			R ( $\geq 4$ )		0	0.0		0	0.0		0	0.0		0	0.0
	Non- invasive specimens	non- meningitis標 準	S ( $\leq 1$ )	217	167	77.0	35	30	85.7	95	82	86.3	87	55	63.2
			I (2)		48	22.1		5	14.3		13	13.7		30	34.5
			R ( $\geq 4$ )		2	0.9		0	0.0		0	0.0		2	2.3

\*紅字代表細菌數目較去年多10%以上；藍字代表較去年少10%以上

\*\*紅字代表藥敏性較去年數字低10%以上；藍字代表較去年高10%以上