

林口長庚紀念醫院

抗生素敏感性試驗

2021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., 2021

ANTIBIOTICS BACTERIA@	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY**				
		CC	MET	P	PIP	SAM
<b>Actinomyces neuii</b>	40	53	8	100	100	100
Actinomyces odontolyticus	113	70	12	72	99	89
Actinomyces spp.	114	67	19	78	100	96
Bacterioides fragilis	542	42	100	0	54	65
Bacteroides ovatus	152	21	100	0	44	53
Bacteroides thetaiotaomicron	302	13	99	0	34	56
Bacteroides vulgatus	92	49	100	0	30	49
Clostridium perfringens	59	78	100	93	98	100
Cutibacterium acnes	408	88	0	100	100	100
Eggerthella lenta	43	88	100	16	100	100
Finegoldia magna	337	50	100	98	100	100
Fusobacterium spp.	105	82	99	88	96	98
Fusobacterium varium	53	23	100	81	96	96
<b>Parabacteroides distasonis</b>	54	28	100	0	28	26
Parvimonas micra	199	95	100	99	100	99
<b>Peptoniphilus indolicus</b>	124	62	100	94	100	100
<b>Peptoniphilus sp</b>	68	66	100	91	100	100
Peptostreptococcus anaerobius	134	64	100	26	100	35
Peptostreptococcus spp.	213	73	100	95	99	100
Prevotella bivia	312	31	95	4	54	99
Prevotella buccae	100	36	100	33	57	100
Prevotella disiens	46	39	100	13	59	100
Prevotella intermedia	110	71	100	19	92	100
Prevotella melaninogenica	131	61	99	8	85	100
<b>Prevotella nanceiensis</b>	56	71	100	9	79	100
Prevotella spp.	102	60	98	26	75	98
<b>Prevotella timonensis</b>	41	51	95	39	78	100
Propionibacterium avidum	101	62	0	99	99	100
Propionibacterium spp.	167	83	1	100	100	100
Veillonella atypica	73	96	100	58	92	92
Veillonella parvula	173	80	99	43	94	97

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

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**GRAM (-) BACILLI  
Enterobacterales  
JAN. ~DEC., 2021**

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	244	1	-	99	-	61	71	82	63	2	0	95	-	87	-	83	1	71	82
Citrobacter koseri	513	88	-	99	-	95	94	97	92	86	83	97	-	98	-	95	93	91	95
Enterobacter bugandensis	138	0	-	100	-	64	73	80	62	56	0	81	-	91	-	80	19	79	84
Enterobacter cloacae complex	596	0	-	100	-	54	64	73	53	43	0	73	-	86	-	78	1	74	67
Escherichia coli	10181	74	-	100	-	70	53	96	71	68	39	99	-	79	-	63	61	57	95
Klebsiella aerogenes	353	1	-	100	-	66	72	90	67	62	1	92	-	95	-	85	1	83	68
Klebsiella oxytoca	228	87	-	99	-	73	75	89	79	78	6	96	-	91	-	88	68	90	86
Klebsiella pneumoniae	3272	61	-	95	-	66	48	82	74	61	50	84	-	72	-	65	60	55	78
Klebsiella variicola	128	82	-	100	-	79	61	84	81	77	69	85	-	96	-	83	79	88	82
Morganella morganii	425	0	-	100	-	88	65	99	95	0	0	100	-	86	-	80	37	67	97
Proteus hauseri	49	80	-	98	-	96	94	100	98	16	0	100	-	92	-	96	96	84	98
Proteus mirabilis	1240	82	-	97	-	95	70	99	93	90	15	100	-	81	-	75	77	54	99
Proteus spp.	56	90	-	100	-	100	91	100	100	9	0	100	-	100	-	96	89	83	100
Proteus vulgaris	64	79	-	98	-	100	94	100	95	3	0	100	-	97	-	100	100	85	100
Providencia rettgeri	64	0	-	95	-	93	63	95	89	72	2	92	-	84	-	83	73	71	97
Providencia stuartii	73	2	-	81	-	84	29	89	67	58	1	99	-	10	-	36	24	33	95
Salmonella enterica serogroup B	94	-	44	-	55	-	64	-	89	-	-	100	96	-	100	-	-	63	-
Salmonella enterica serogroup C1	41	-	68	-	70	-	68	-	95	-	-	100	100	-	100	-	-	66	-
Salmonella enterica serogroup C2	54	-	43	-	38	-	33	-	59	-	-	100	100	-	100	-	-	41	-
Salmonella enterica serogroup D	272	-	89	-	98	-	75	-	100	-	-	100	99	-	100	-	-	96	-
Salmonella enterica serogroup E	53	-	25	-	30	-	30	-	87	-	-	98	91	-	100	-	-	26	-
Serratia marcescens	407	0	-	99	-	89	83	94	87	0	0	96	-	96	-	88	0	96	91

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 Enterobacterales**  
**JAN. ~DEC., 2021**

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	693	-	-	38	33	32	-	99	43	-	-	-	-	33	32	37	-	38	-	-	42	-	-	56	31
Acinetobacter nosocomialis	260	-	-	76	83	57	-	100	86	-	-	-	-	68	45	51	-	50	-	-	75	-	-	79	46
Acinetobacter pittii	100	-	-	92	91	84	-	100	99	-	-	-	-	91	52	80	-	76	-	-	95	-	-	98	58
Acinetobacter spp.	180	-	-	78	48	62	-	95	82	-	-	-	-	66	54	51	-	48	-	-	79	-	-	96	47
Acinetobacter seifertii	72	-	-	94	51	29	-	100	67	-	-	-	-	67	19	29	-	29	-	-	65	-	-	64	25
Acinetobacter ursingii	65	-	-	86	12	72	-	100	92	-	-	-	-	65	83	82	-	77	-	-	91	-	-	98	78
Aeromonas hydrophila complex	59	-	-	100	98	90	-	-	-	90	90	-	61	-	92	-	98	-	-	-	-	90	84	-	-
Aeromonas spp.	78	-	-	95	85	91	-	-	-	76	64	-	67	-	87	-	99	-	-	-	-	90	74	-	-
Burkholderia cepacia complex	233	-	-	-	96	-	-	-	-	-	-	-	-	-	-	-	-	94	-	-	-	99	-	-	-
Haemophilus influenzae	52	73	27	-	-	-	65	-	-	98	75	-	-	-	-	-	-	-	-	-	-	44	-	-	-
Moraxella catarrhalis	49	100	-	-	-	-	-	-	-	98	100	-	-	-	-	-	-	-	-	-	-	92	-	-	-
Moraxella osloensis	45	100	-	-	-	-	-	-	-	98	98	-	-	-	-	-	-	-	-	-	-	76	-	-	-
Moraxella spp.	80	100	-	-	-	-	-	-	-	96	96	-	-	-	-	-	-	-	-	-	-	88	-	-	-
Neisseria gonorrhoeae	101	-	-	-	-	0	-	-	-	100	-	-	-	-	-	-	-	-	-	4	-	-	1	-	-
Pseudomonas aeruginosa	2407	-	-	99	89	86	-	100	84	-	-	93	-	92	94	85	80	88	-	-	-	-	-	-	87
Stenotrophomonas maltophilia	671	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82	-	90	-	-	94	-	92	-

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., 2021

ANTIBIOTICS BACTERIA@	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY**														
		AM	CC	CRO	E	FA	HGM	LVX	LZD	MXF	OX	P	SXT	TEC	TGC	VA
Enterococcus avium	126	75	-	-	-	-	88	-	-	-	-	73	-	100	-	100
Enterococcus casseliflavus	43	100	-	-	-	-	100	-	-	-	-	100	-	100	-	2
Enterococcus faecalis	2281	100	-	-	-	-	64	-	-	-	-	98	-	100	-	100
Enterococcus faecium	1332	8	-	-	-	-	61	-	99	-	-	7	-	43	100	41
Enterococcus gallinarum	63	94	-	-	-	-	87	-	-	-	-	76	-	94	-	0
Enterococcus raffinosus	77	29	-	-	-	-	84	-	-	-	-	26	-	96	-	96
Micrococcus luteus	60	-	90	-	63	-	-	-	-	-	97	92	95	100	-	100
Staphylococcus argenteus	125	-	96	-	94	99	-	-	99	-	94	21	98	100	100	100
Staphylococcus aureus	3521	-	71	-	47	90	-	-	100	-	58	7	95	100	100	100
Staphylococcus capitis	549	-	76	-	73	-	-	-	-	-	67	28	93	100	-	100
Staphylococcus caprae	287	-	76	-	64	-	-	-	-	-	78	17	92	100	-	100
Staphylococcus epidermidis	2212	-	65	-	49	-	-	-	-	-	42	9	71	100	-	100
Staphylococcus haemolyticus	744	-	42	-	18	-	-	-	-	-	12	4	60	99	-	100
Staphylococcus hominis	582	-	69	-	46	-	-	-	-	-	53	18	78	100	-	100
Staphylococcus lugdunensis	504	-	81	-	81	-	-	-	-	-	88	36	97	100	-	100
Staphylococcus saprophyticus	98	-	-	-	-	-	-	-	-	-	77	37	94	100	-	100
Staphylococcus warneri	101	-	73	-	51	-	-	-	-	-	62	16	99	100	-	100
Coag. (-) staphylococci	264	-	62	-	48	-	-	-	-	-	48	17	84	99	-	100
Streptococcus anginosus	398	99	75	100	76	-	-	-	-	-	100	-	100	-	100	100
Streptococcus constellatus	304	88	82	100	82	-	-	-	-	-	99	-	100	-	100	100
Streptococcus dysgalactiae	90	99	53	99	50	-	-	-	-	-	99	-	100	-	100	100
Streptococcus gallolyticus	166	100	42	100	43	-	-	-	-	-	100	-	100	-	100	100
Streptococcus intermedius	52	98	88	100	85	-	-	-	-	-	98	-	100	-	100	100
Streptococcus mitis group	214	72	66	89	31	-	-	-	-	-	71	-	100	-	100	100
Streptococcus oralis	73	82	68	95	38	-	-	-	-	-	82	-	100	-	100	100
Streptococcus parasanguinis	52	56	69	94	29	-	-	-	-	-	69	-	100	-	100	100
Streptococcus pneumoniae	66	-	-	#	-	-	-	94	-	95	-	#	-	-	-	100
Streptococcus salivarius	64	75	73	98	51	-	-	-	-	-	69	-	100	-	100	100
Beta strep. group B	1635	100	51	100	53	-	-	-	-	-	100	-	100	-	100	100
Viridans streptococci	66	80	66	95	43	-	-	-	-	-	80	-	100	-	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 - nosocomial isolates only**  
**NOSOCOMIAL ISOLATES ONLY**  
**JAN. ~DEC., 2021**

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> &	77	-	32	26	25	99	35	-	-	-	-	-	27	-	21	26	-	26	-	33	-	39	25
<i>Acinetobacter nosocomialis</i> &	51	-	77	80	59	100	90	-	-	-	-	-	65	-	39	55	-	53	-	71	-	75	47
<i>Burkholderia cepacia</i> complex	37	-	-	89	-	-	-	-	-	-	-	-	-	-	-	-	-	86	-	-	100	-	-
<i>Enterobacter cloacae</i> complex	93	0	99	33	47	-	53	31	22	0	-	55	-	-	84	-	62	-	-	0	85	-	57
<i>Escherichia coli</i> &	384	57	99	38	36	-	92	36	32	17	-	95	36	67	71	-	51	-	-	37	38	98	89
<i>Klebsiella pneumoniae</i> &	249	25	82	42	20	-	51	47	34	30	-	58	45	21	51	-	46	-	-	36	37	76	57
<i>Pseudomonas aeruginosa</i> &	125	-	98	85	89	100	77	-	-	-	94	-	88	-	94	81	78	81	-	-	-	-	80
<i>Stenotrophomonas maltophilia</i>	49	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	71	-	63	-	93	82	-
<i>Serratia marcescens</i>	40	0	100	81	72	-	89	80	0	0	-	83	84	-	98	-	93	-	-	0	100	-	85

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&上表中所列數字, 已包含CR及MDR菌株.

A. baumannii-MDR strain: 51株, 66%; K. pneumoniae-MDR strain:30株, 12%

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NOSOCOMIAL ISOLATES ONLY  
JAN. ~DEC., 2021**

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		AM	CC	E	FA	HGM	LZD	OX	P	SXT	TEC	TGC	VA
Enterococcus faecalis	107	100	-	-	-	64	-	-	99	-	100	-	100
Enterococcus faecium <sup>&amp;</sup>	267	3	-	-	-	58	95	-	3	-	30	99	28
Staphylococcus aureus <sup>&amp;&amp;</sup>	163	-	72	43	91	-	100	51	4	90	100	100	99
Staphylococcus epidermidis	51	-	44	27	-	-	-	6	2	46	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VRE 192 株 (72%)

&& S. aureus含MRSA 81株 (49%)

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## GRAM (-) BACILLI

[Adult/ICU]

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ANTIBIOTICS BACTERIA	TOTAL (no.)	PERCENT OF SUSCEPTIBILITY**																				
		AMC	AN	CAZ	CIP	CL	CPS	CRO	CXM	CZ	DOR	ETP	FEP	GM	IPM	LVX	MEM	MXF	SAM	SXT	TGC	TZP
<b>Acinetobacter baumannii</b>	142	-	25	17	17	100	28	-	-	-	-	-	17	15	20	-	22	-	27	-	42	16
<b>Acinetobacter nosocomialis</b>	61	-	64	74	51	100	84	-	-	-	-	-	56	30	41	-	39	-	67	-	72	36
<b>Burkholderia cepacia complex</b>	67	-	-	96	-	-	-	-	-	-	-	-	-	-	-	-	88	-	-	100	-	-
<b>Enterobacter cloacae complex</b>	89	0	99	43	57	-	51	37	30	0	-	54	-	78	-	71	-	-	0	100	-	52
<b>Escherichia coli</b>	299	72	98	54	43	-	89	49	47	29	-	94	-	71	-	52	-	-	46	55	-	90
<b>Klebsiella pneumoniae</b>	324	58	90	58	44	-	69	64	55	49	-	73	-	72	-	60	-	-	54	56	-	67
<b>Proteus mirabilis</b>	43	90	98	96	72	-	98	93	93	9	-	100	-	74	-	77	-	-	87	60	-	98
<b>Pseudomonas aeruginosa</b>	242	-	98	80	81	99	72	-	-	-	85	-	83	94	72	72	76	-	-	-	-	79
<b>Stenotrophomonas maltophilia</b>	158	-	-	-	-	-	-	-	-	-	-	-	-	-	-	83	-	92	-	94	91	-

AMC=amoxicillin/clavulanic acid; AN=amikacin; CAZ=ceftazidime; CIP=ciprofloxacin; 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

\*藍字代表較去年低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

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## GRAM (+) BACTERIA

[Adult/ICU]

JAN. ~DEC., 2021

ANTIBIOTICS BACTERIA @	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY**														
		AM	CC	CRO	E	FA	HGM	LVX	LZD	MXF	OX	P	SXT	TEC	TGC	VA
Enterococcus faecalis	133	100	-	-	-	-	65	-	-	-	-	59	-	100	-	100
Enterococcus faecium	186	5	-	-	-	-	59	-	98	-	-	3	-	33	99	32
Micrococcus luteus	50	-	88	-	62	-	-	-	-	-	96	90	94	100	-	100
Staphylococcus aureus	259	-	79	-	56	88	-	-	100	-	64	4	94	100	100	100
Staphylococcus capitis	42	-	76	-	68	-	-	-	-	-	55	33	93	100	-	100
Staphylococcus epidermidis	178	-	67	-	47	-	-	-	-	-	37	12	70	100	-	100
Staphylococcus haemolyticus	105	-	35	-	14	-	-	-	-	-	7	2	61	100	-	100
Streptococcus pneumoniae	7	-	-	#	-	-	-	86	-	86	-	#	-	-	-	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., 2021

Enterobacterales

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	217	-	1	99	-	62	71	81	63	2	0	95	-	87	-	82	1	73	82
Citrobacter koseri	454	-	87	99	-	95	93	96	91	86	82	97	-	98	-	94	93	91	94
Enterobacter bugandensis	111	-	0	100	-	65	72	79	61	58	0	83	-	91	-	80	21	83	85
Enterobacter cloacae complex	474	-	0	100	-	55	63	76	55	45	0	76	-	87	-	78	1	71	70
Escherichia coli	8831	-	74	100	-	72	52	96	71	68	39	99	-	79	-	62	61	58	95
Klebsiella aerogenes	292	-	0	100	-	69	71	92	70	64	0	92	-	95	-	85	2	82	70
Klebsiella oxytoca	182	-	86	99	-	72	73	88	77	76	6	96	-	92	-	88	70	92	86
Klebsiella pneumoniae	2762	-	61	95	-	69	48	82	75	62	51	85	-	73	-	66	62	55	79
Klebsiella variicola	108	-	80	100	-	80	59	83	80	76	66	84	-	96	-	82	80	88	81
Morganella morganii	365	-	0	100	-	90	62	99	96	0	0	100	-	85	-	78	38	64	98
Proteus hauseri	45	-	81	98	-	96	93	100	98	18	0	100	-	91	-	96	96	81	98
Proteus mirabilis	1096	-	81	97	-	95	68	98	92	90	15	100	-	80	-	74	77	53	99
Proteus spp.	47	-	90	100	-	100	89	100	100	11	0	100	-	100	-	96	88	86	100
Proteus vulgaris	55	-	78	98	-	100	93	100	95	2	0	100	-	96	-	100	100	85	100
Providencia rettgeri	64	-	0	95	-	93	63	95	89	72	2	92	-	84	-	69	73	71	97
Providencia stuartii	69	-	2	80	-	82	29	90	67	58	1	99	-	10	-	35	27	34	94
Salmonella enterica serogroup D	113	87	-	-	98	-	62	-	99	-	-	100	98	-	100	-	-	95	-
Serratia marcescens	333	-	0	99	-	87	80	94	85	0	0	96	-	97	-	86	0	95	89

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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CR或MDR菌株均已併入原菌株結果一起檢視.

GRAM (-) BACILLI

[Adult/non-ICU]

JAN. ~DEC., 2021

Non-Enterobacterales

ANTIBIOTIC 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	522	-	-	40	36	35	99	-	46	-	-	-	-	36	34	40	-	41	-	-	44	-	-	58	33
Acinetobacter nosocomialis	190	-	-	78	85	58	100	-	86	-	-	-	-	71	50	54	-	53	-	-	76	-	-	80	48
Acinetobacter pittii	57	-	-	86	86	79	100	-	100	-	-	-	-	86	70	82	-	82	-	-	95	-	-	96	74
Acinetobacter seifertii	47	-	-	91	45	34	100	-	66	-	-	-	-	55	13	34	-	34	-	-	66	-	-	64	28
Acinetobacter spp.	139	-	-	77	50	63	95	-	82	-	-	-	-	66	60	54	-	50	-	-	80	-	-	97	49
Acinetobacter ursingii	53	-	-	87	13	72	100	-	98	-	-	-	-	68	85	85	-	79	-	-	96	-	-	100	83
Aeromonas hydrophila complex	53	-	-	100	98	89	-	-	-	89	88	-	62	-	91	-	98	-	-	-	-	92	84	-	-
Aeromonas spp.	67	-	-	96	84	93	-	-	-	75	61	-	66	-	87	-	100	-	-	-	-	90	74	-	-
Burkholderia cepacia complex	159	-	-	-	96	-	-	-	-	-	-	-	-	-	-	-	-	96	-	-	-	98	-	-	-
Moraxella spp.	70	-	100	-	-	-	-	-	-	96	96	-	-	-	-	-	-	-	-	-	-	87	-	-	-
Neisseria gonorrhoeae	94	-	-	-	-	0	-	-	-	100	-	-	-	-	-	-	-	-	-	4	-	-	1	-	-
Pseudomonas aeruginosa	2042	-	-	99	90	86	100	-	85	-	-	94	-	93	94	86	80	89	-	-	-	-	-	-	87
Stenotrophomonas maltophilia	483	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	82	-	90	-	-	94	-	92	-

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., 2021

ANTIBIOTICS BACTERIA @	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY**														
		AM	CC	CRO	E	FA	HGM	LVX	LZD	MXF	OX	P	SXT	TEC	TGC	VA
Enterococcus avium	102	78	-	-	-	-	87	-	-	-	-	76	-	100	-	100
Enterococcus faecalis	1917	100	-	-	-	-	65	-	-	-	-	98	-	100	-	100
Enterococcus faecium	1103	8	-	-	-	-	62	-	99	-	-	7	-	43	100	41
Enterococcus gallinarum	54	93	-	-	-	-	89	-	-	-	-	76	-	94	-	0
Enterococcus raffinosus	68	28	-	-	-	-	85	-	-	-	-	25	-	96	-	96
Staphylococcus argenteus	106	-	95	-	94	99	-	-	99	-	94	21	99	100	100	100
Staphylococcus aureus	2977	-	71	-	47	90	-	-	100	-	59	8	95	100	100	100
Staphylococcus capitis	469	-	78	-	75	-	-	-	-	-	69	27	93	100	-	100
Staphylococcus caprae	264	-	76	-	65	-	-	-	-	-	80	17	93	100	-	100
Staphylococcus epidermidis	1861	-	65	-	50	-	-	-	-	-	44	9	71	100	-	100
Staphylococcus haemolyticus	594	-	42	-	19	-	-	-	-	-	11	4	59	99	-	100
Staphylococcus hominis	536	-	69	-	46	-	-	-	-	-	53	18	78	100	-	100
Staphylococcus lugdunensis	450	-	82	-	81	-	-	-	-	-	90	37	96	100	-	100
Staphylococcus saprophyticus	90	-	-	-	-	-	-	-	-	-	78	36	93	100	-	100
Staphylococcus warneri	86	-	72	-	51	-	-	-	-	-	63	15	99	100	-	100
Coag. (-) staphylococci	234	-	62	-	48	-	-	-	-	-	47	17	85	100	-	100
Streptococcus anginosus	357	99	75	99	75	-	-	-	-	-	-	99	-	100	-	100
Streptococcus constellatus	263	87	80	100	81	-	-	-	-	-	-	99	-	100	-	100
Streptococcus dysgalactiae	85	99	53	99	50	-	-	-	-	-	-	99	-	100	-	100
Streptococcus gallolyticus	137	100	45	100	47	-	-	-	-	-	-	100	-	100	-	100
Streptococcus intermedius	41	98	85	100	83	-	-	-	-	-	-	98	-	100	-	100
Streptococcus mitis group	176	74	63	90	33	-	-	-	-	-	-	73	-	100	-	100
Streptococcus oralis	65	83	67	95	38	-	-	-	-	-	-	85	-	100	-	100
Streptococcus parasanguinis	42	60	67	98	29	-	-	-	-	-	-	76	-	100	-	100
Streptococcus pneumoniae	32	-	-	#	-	-	-	91	-	92	-	#	-	-	-	100
Streptococcus salivarius	51	78	78	100	56	-	-	-	-	-	-	73	-	100	-	100
Beta strep. group A***	18	100	81	100	81	-	-	-	-	-	-	100	-	100	-	100
Beta strep. group B	1570	100	51	100	53	-	-	-	-	-	-	100	-	100	-	100
Viridans streptococci	54	85	70	96	47	-	-	-	-	-	-	85	-	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對penicillin與ceftriaxone的藥敏結果綜合整理於最後

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僅供醫師經驗性選擇抗生素時參考之用.

GRAM (-) BACILLI

[Pediatrics]

JAN. ~DEC., 2021

ANTIBIOTICS BACTERIA (	TOTAL (n)	PERCENT OF SUSCEPTIBILITY**																					
		AM	AMC	AN	C	CAZ	CIP	CL	CPS	CRO	CXM	CZ	DOR	ETP	FEP	FLO	GM	IPM	LVX	MEM	SAM	SXT	TZP
<b>Citrobacter koseri</b>	42	-	97	100	-	100	98	-	100	100	93	86	-	100	-	-	98	-	98	-	100	97	95
<b>Escherichia coli</b>	1051	-	76	100	-	62	67	-	98	77	74	38	-	99	-	-	77	-	79	-	68	52	96
<b>Klebsiella pneumoniae</b>	186	-	69	99	-	45	48	-	97	85	62	47	-	89	-	-	62	-	69	-	39	52	88
<b>Morganella morganii</b>	44	-	0	98	-	75	93	-	95	95	0	0	-	98	-	-	95	-	95	-	0	85	95
<b>Proteus mirabilis</b>	101	-	90	97	-	50	84	-	100	97	93	16	-	100	-	-	93	-	88	-	50	62	99
<b>Pseudomonas aeruginosa</b>	123	-	-	100	-	96	94	100	94	-	-	-	95	-	98	-	95	92	89	94	-	-	95
<b>Salmonella enterica serogroup B</b>	64	45	-	-	55	-	69	-	-	92	-	-	-	100	-	97	-	100	-	-	-	66	-
<b>Salmonella enterica serogroup D</b>	152	92	-	-	99	-	86	-	-	100	-	-	-	100	-	100	-	100	-	-	-	97	-
<b>Serratia marcescens</b>	42	-	0	100	-	97	98	-	97	98	0	0	-	100	-	-	98	-	98	-	0	100	98

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

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## GRAM (+) BACTERIA

[Pediatrics]

JAN. ~DEC., 2021

ANTIBIOTICS BACTERIA @	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY**														
		AM	CC	CRO	E	FA	HGM	LVX	LZD	MXF	OX	P	SXT	TEC	TGC	VA
<b>Enterococcus faecalis</b>	231	100	-	-	-	-	56	-	-	-	-	99	-	100	-	100
<b>Enterococcus faecium</b>	43	12	-	-	-	-	56	-	-	-	-	12	-	86	-	86
<b>Staphylococcus aureus</b>	282	-	58	-	35	93	-	-	100	-	47	5	99	100	100	100
<b>Staphylococcus epidermidis</b>	173	-	63	-	41	-	-	-	-	-	23	5	75	100	-	100
<b>Staphylococcus haemolyticus</b>	45	-	53	-	22	-	-	-	-	-	24	9	76	100	-	100
<b>Streptococcus pneumoniae</b>	27	-	-	#	-	-	-	100	-	100	-	#	-	-	-	100
<b>Beta strep. group B</b>	41	100	-	100	-	-	-	-	-	-	-	100	-	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;  
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# Streptococcus pneumoniae對penicillin與ceftriaxone的藥敏結果綜合整理於最後

\*\*本表格資料乃統計所有18歲以下病人在此統計時段內於本院經細菌培養所得第一次結果,  
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*Streptococcus pneumoniae*

JAN. ~DEC., 2021

抗生素 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 ( $\leq 0.06$ )	0	0	0.0	0	0	0.0	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 ( $\leq 0.06$ )	9	0	0.0	1	0	0.0	6	0	0.0	2	0	0.0
			-		-	-		-	-						
			R ( $\geq 0.12$ )		9	100.0		1	0.0		6	100.0			
		non- meningitis標 準	S ( $\leq 2$ )		6	66.7		1	0.0		4	66.7		1	50.0
			I (4)		3	33.3		0	0.0		2	33.3		1	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 ( $\leq 2$ )	52	36	69.2	9	5	55.6	21	14	66.7	22	17	77.3
			I (4)		15	28.8		4	44.4		6	28.6		5	22.7
			R ( $\geq 8$ )		1	1.9		0	0.0		1	4.8		0	0.0
Ceftriaxone	CSF	meningitis標 準	S ( $\leq 0.5$ )	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
			I (1)		-	-		-	-		-				
			R ( $\geq 2$ )		0	0.0		0	0.0		0	0.0			
	Other invasive specimens	meningitis標 準	S ( $\leq 0.5$ )	9	5	55.6	1	1	100.0	6	2	33.3	2	1	50.0
			I (1)		2	22.2		0	0.0		2	33.3		1	50.0
			R ( $\geq 2$ )		2	22.2		0	0.0		2	33.3		0	0.0
		non- meningitis標 準	S ( $\leq 1$ )		7	77.8		1	100.0		4	66.7		2	100.0
			I (2)		2	22.2		0	0.0		2	33.3		0	0.0
			R ( $\geq 4$ )		0	0.0		0	0.0		0	0.0		0	0.0
	Non- invasive specimens	non- meningitis標 準	S ( $\leq 1$ )	52	40	76.9	9	7	77.8	21	15	71.4	22	18	81.8
			I (2)		12	23.1		2	22.2		6	28.6		4	18.2
			R ( $\geq 4$ )		0	0.0		0	0.0		0	0.0		0	0.0

\*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