

林口長庚紀念醫院

抗生素敏感性試驗

2020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., 2020

ANTIBIOTICS BACTERIA @	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY**				
		CC	MET	P	PIP	SAM
Actinomyces odontolyticus	148	59	16	66	99	93
Actinomyces spp.	94	65	10	81	99	97
Anaerococcus sp	45	53	100	98	100	100
Bacteriodes fragilis	498	47	100	0	52	68
Bacteroides ovatus	139	27	100	0	51	62
Bacteroides thetaiotaomicron	262	15	100	0	35	50
Bacteroides vulgatus	98	43	100	0	22	44
Clostridium perfringens	60	78	100	87	100	100
Cutibacterium acnes	525	87	0	100	100	100
Eggerthella lenta	51	90	100	25	100	100
Finegoldia magna	387	51	100	98	100	99
Fusobacterium spp.	111	93	99	95	98	100
Fusobacterium varium	65	37	100	82	97	97
Gm(+) no spore forming bacilli	56	75	70	84	100	100
Parvimonas micra	259	92	100	99	100	100
Peptoniphilus harei	205	51	100	91	100	100
Peptostreptococcus anaerobius	225	61	100	42	100	67
Peptostreptococcus spp.	191	63	99	95	100	99
Prevotella bivia	323	33	100	6	61	98
Prevotella buccae	114	50	100	24	59	100
Prevotella denticola	50	54	100	14	92	100
Prevotella disiens	40	30	98	18	70	100
Prevotella intermedia	82	72	100	18	89	100
Prevotella melaninogenica	148	65	99	11	80	100
Prevotella spp.	218	51	100	28	84	99
Propionibacterium avidum	172	62	0	99	100	100
Propionibacterium spp.	128	83	0	100	100	100
Slackia exigua	44	95	100	100	100	100
Veillonella atypica	59	98	98	37	88	98
Veillonella parvula	225	85	100	28	92	97
Veillonella dispar	42	95	100	31	74	93

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

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藍字代表較去年少10%以上

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**本表格資料乃統計所有病人在此統計時段內於本院經細菌培養所得第一次藥敏試驗結果，
僅供醫師經驗性選擇抗生素時參考之用。

GRAM (-) BACILLI
Enterobacterales
JAN. ~DEC., 2020

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	246	0	-	100	-	57	68	74	60	3	0	90	-	85	-	77	0	74	77
Citrobacter koseri	569	91	-	99	-	96	95	97	94	86	82	98	-	98	-	97	91	96	95
Escherichia coli	10582	73	-	100	-	71	54	97	70	68	37	99	-	78	-	64	62	55	96
Enterobacter cloacae complex	771	0	-	98	-	64	71	77	58	50	0	76	-	87	-	80	1	76	75
Klebsiella aerogenes	352	0	-	99	-	64	73	90	66	58	0	88	-	93	-	83	1	85	65
Klebsiella oxytoca	203	77	-	99	-	79	78	89	77	76	4	95	-	91	-	91	77	86	86
Klebsiella pneumoniae	3458	59	-	93	-	66	50	82	74	60	48	84	-	71	-	64	59	54	76
Morganella morganii	484	0	-	100	-	87	69	97	96	1	0	100	-	86	-	82	41	70	98
Proteus mirabilis	1355	86	-	98	-	96	70	99	93	92	19	100	-	81	-	74	80	54	99
Proteus vulgaris	159	85	-	100	-	100	96	100	95	1	0	99	-	99	-	99	93	86	100
Providencia rettgeri	71	0	-	93	-	77	73	97	87	75	0	96	-	85	-	73	46	76	99
Providencia stuartii	73	0	-	82	-	74	30	92	74	67	0	97	-	27	-	36	32	39	95
Salmonella enterica serogroup B	151	-	54	-	63	-	74	-	91	-	-	99	95	-	99	-	-	72	-
Salmonella enterica serogroup C2	53	-	32	-	36	-	40	-	55	-	-	100	96	-	100	-	-	34	-
Salmonella enterica serogroup D	271	-	88	-	100	-	94	-	99	-	-	100	100	-	100	-	-	94	-
Salmonella enterica serogroup E	75	-	12	-	11	-	23	-	81	-	-	99	81	-	100	-	-	16	-
Serratia marcescens	402	0	-	100	-	91	82	94	85	0	0	98	-	94	-	88	1	90	89

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., 2020

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	766	-	-	47	36	37	-	99	46	-	-	-	-	39	40	41	-	41	-	-	45	-	-	49	35
Acinetobacter baumannii complex	41	-	-	93	71	71	-	100	95	-	-	-	-	85	59	83	-	83	-	-	93	-	-	98	66
Acinetobacter junii	42	-	-	100	100	88	-	98	100	-	-	-	-	100	90	100	-	100	-	-	100	-	-	100	100
Acinetobacter nosocomialis	339	-	-	75	84	47	-	100	90	-	-	-	-	62	52	50	-	50	-	-	82	-	-	67	47
Acinetobacter pittii	180	-	-	84	87	68	-	100	96	-	-	-	-	80	57	67	-	62	-	-	95	-	-	97	52
Acinetobacter spp.	167	-	-	68	47	53	-	91	81	-	-	-	-	57	63	53	-	52	-	-	81	-	-	99	49
Acinetobacter ursingii	49	-	-	84	10	76	-	100	98	-	-	-	-	67	92	82	-	80	-	-	98	-	-	100	78
Aeromonas hydrophila complex	66	-	-	98	85	86	-	-	-	71	76	-	52	-	89	-	98	-	-	-	-	89	71	-	-
Aeromonas spp.	63	-	-	100	75	79	-	-	-	69	58	-	70	-	94	-	95	-	-	-	-	75	61	-	-
Burkholderia cepacia complex	365	-	-	-	98	-	-	-	-	-	-	-	-	-	-	-	-	94	-	-	-	98	-	-	-
Haemophilus influenzae	127	72	19	-	-	-	66	-	-	99	72	-	-	-	-	-	-	-	-	-	-	46	-	-	-
Moraxella catarrhalis	78	100	-	-	-	-	-	-	-	100	100	-	-	-	-	-	-	-	-	-	-	85	-	-	-
Moraxella spp.	87	99	-	-	-	-	-	-	-	98	97	-	-	-	-	-	-	-	-	-	-	75	-	-	-
Neisseria gonorrhoeae	125	-	-	-	-	0	-	-	-	100	-	-	-	-	-	-	-	-	-	1	-	-	3	-	-
Pseudomonas aeruginosa	2428	-	-	99	90	86	-	100	86	-	-	92	-	94	95	88	83	89	-	-	-	-	-	-	88
Stenotrophomonas maltophilia	713	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	88	-	91	-	-	96	-	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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GRAM (+) BACTERIA

JAN.~ DEC., 2020

ANTIBIOTICS BACTERIA@	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY**														
		AM	CC	CRO	E	FA	HGM	LVX	LZD	MXF	OX	P	SXT	TEC	TGC	VA
Enterococcus avium	129	83	-	-	-	-	90	-	-	-	-	78	-	99	-	100
Enterococcus faecalis	2416	100	-	-	-	-	63	-	-	-	-	98	-	100	-	100
Enterococcus faecium	1211	10	-	-	-	-	55	-	97	-	-	7	-	41	100	40
Enterococcus gallinarum	65	95	-	-	-	-	97	-	-	-	-	82	-	98	-	2
Enterococcus raffinosus	70	19	-	-	-	-	76	-	-	-	-	16	-	99	-	97
Micrococcus luteus	86	-	93	-	65	-	-	-	-	-	97	93	99	100	-	100
Staphylococcus aureus	4015	-	71	-	49	92	-	-	100	-	58	8	94	100	100	100
Staphylococcus capitis	530	-	70	-	68	-	-	-	-	-	61	24	93	100	-	100
Staphylococcus caprae	316	-	76	-	64	-	-	-	-	-	79	22	92	100	-	100
Staphylococcus epidermidis	2454	-	65	-	46	-	-	-	-	-	44	8	69	100	-	100
Staphylococcus haemolyticus	1026	-	50	-	21	-	-	-	-	-	15	5	64	97	-	100
Staphylococcus hominis	787	-	68	-	40	-	-	-	-	-	48	16	75	100	-	100
Staphylococcus lugdunensis	437	-	80	-	77	-	-	-	-	-	87	40	99	100	-	100
Staphylococcus saprophyticus	121	-	-	-	-	-	-	-	-	-	74	26	92	100	-	100
Staphylococcus warneri	123	-	74	-	53	-	-	-	-	-	68	20	99	100	-	100
Coag. (-) staphylococci	252	-	60	-	43	-	-	-	-	-	54	24	86	100	-	100
Streptococcus anginosus	397	99	73	99	71	-	-	-	-	-	-	99	-	100	-	100
Streptococcus constellatus	312	94	79	99	80	-	-	-	-	-	-	98	-	100	-	100
Streptococcus dysgalactiae	71	99	44	100	40	-	-	-	-	-	-	100	-	100	-	100
Streptococcus gallolyticus	183	99	30	99	32	-	-	-	-	-	-	100	-	100	-	100
Streptococcus intermedius	59	98	92	98	85	-	-	-	-	-	-	98	-	100	-	100
Streptococcus mitis group	256	71	74	91	40	-	-	-	-	-	-	71	-	100	-	100
Streptococcus oralis	96	69	61	89	38	-	-	-	-	-	-	71	-	100	-	100
Streptococcus parasanguinis	54	54	80	89	22	-	-	-	-	-	-	67	-	100	-	100
Streptococcus pneumoniae	102	-	-	#	-	-	-	91	-	97	-	#	-	-	-	100
Streptococcus salivarius	96	70	74	96	31	-	-	-	-	-	-	69	-	100	-	100
Beta strep. group A***	50	100	80	100	78	-	-	-	-	-	-	98	-	100	-	98
Beta strep. group B	1791	100	50	100	54	-	-	-	-	-	-	100	-	100	-	100
Viridans streptococci	55	84	73	95	47	-	-	-	-	-	-	80	-	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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***不包括呼吸道檢體

GRAM (-) BACILLI - nosocomial isolates only
NOSOCOMIAL ISOLATES ONLY
JAN. ~ DEC., 2020

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> &	76	-	43	32	33	99	37	-	-	-	-	-	34	-	28	36	-	37	-	38	-	42	34
<i>Acinetobacter nosocomialis</i> &	57	-	69	79	52	100	98	-	-	-	-	-	65	-	45	54	-	54	-	74	-	69	51
<i>Burkholderia cepacia</i> complex	73	-	-	93	-	-	-	-	-	-	-	-	-	-	-	-	-	93	-	-	100	-	-
<i>Enterobacter cloacae</i> complex	73	0	100	44	48	-	48	36	30	0	-	64	-	-	75	-	68	-	-	0	43	-	69
<i>Escherichia coli</i> &	430	55	100	51	37	-	90	38	34	20	-	95	42	73	73	-	49	-	-	47	38	96	92
<i>Klebsiella pneumoniae</i> &	311	24	76	41	20	-	52	42	31	28	-	56	40	33	47	-	33	-	-	35	29	66	51
<i>Pseudomonas aeruginosa</i> &	157	-	100	85	83	100	78	-	-	-	89	-	85	-	96	82	81	85	-	-	-	-	82
<i>Stenotrophomonas maltophilia</i>	46	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	76	-	50	-	96	80	-
<i>Serratia marcescens</i>	40	0	100	77	79	-	100	75	0	0	-	98	84	-	87	-	87	-	-	0	89	-	92

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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, 55%; K. pneumoniae-MDR strain:60株, 19%

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NOSOCOMIAL ISOLATES ONLY
JAN.~ DEC., 2020**

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		AM	CC	E	FA	HGM	LZD	OX	P	SXT	TEC	TGC	VA
Enterococcus faecalis	133	100	-	-	-	62	-	-	98	-	100	-	100
Enterococcus faecium ^{&}	254	4	-	-	-	49	86	-	2	-	24	99	22
Staphylococcus aureus ^{&&}	186	-	63	37	95	-	100	53	7	87	100	100	100
Staphylococcus epidermidis	54	-	46	25	-	-	-	17	2	55	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 198 株 (78%)

&& S. aureus含MRSA 88 株 (47%)

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GRAM (-) BACILLI

[Adult/ICU]

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ANTIBIOTICS BACTERIA @	TOTAL (no.)	PERCENT OF SUSCEPTIBILITY**																				
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Acinetobacter baumannii	185	-	39	30	31	100	39	-	-	-	-	-	34	33	34	-	34	-	37	-	43	30
Acinetobacter nosocomialis	86	-	72	86	42	100	90	-	-	-	-	-	69	50	49	-	48	-	84	-	66	44
Acinetobacter pittii	58	-	72	86	55	100	97	-	-	-	-	-	71	41	41	-	33	-	98	-	95	28
Burkholderia cepacia complex	96	-	-	98	-	-	-	-	-	-	-	-	-	-	-	-	93	-	-	100	-	-
Enterobacter cloacae complex	107	0	97	46	63	-	72	44	36	0	-	73	-	80	-	78	-	-	0	82	-	64
Escherichia coli	440	72	99	59	51	-	92	60	57	35	-	99	-	79	-	60	-	-	53	53	-	93
Klebsiella pneumoniae	364	62	90	64	49	-	75	69	58	49	-	78	-	71	-	63	-	-	57	51	-	71
Proteus mirabilis	54	96	98	93	65	-	100	93	91	19	-	100	-	78	-	69	-	-	73	54	-	98
Pseudomonas aeruginosa	268	-	99	82	79	100	77	-	-	-	84	-	88	94	80	78	80	-	-	-	-	78
Serratia marcescens	46	0	100	79	69	-	86	72	0	0	-	96	-	89	-	82	-	-	2	75	-	85
Stenotrophomonas maltophilia	149	-	-	-	-	-	-	-	-	-	-	-	-	-	-	87	-	91	-	94	93	-

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 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;
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ANTIBIOTICS BACTERIA @	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY**														
		AM	CC	CRO	E	FA	HGM	LVX	LZD	MXF	OX	P	SXT	TEC	TGC	VA
Enterococcus faecalis	154	99	-	-	-	-	66	-	-	-	-	97	-	100	-	100
Enterococcus faecium	134	5	-	-	-	-	43	-	96	-	-	4	-	33	100	32
Staphylococcus aureus	322	-	75	-	54	93	-	-	100	-	62	9	90	100	100	100
Staphylococcus epidermidis	161	-	58	-	42	-	-	-	-	-	35	5	64	100	-	100
Staphylococcus haemolyticus	107	-	36	-	8	-	-	-	-	-	2	0	63	97	-	100
Streptococcus pneumoniae	9	-	-	#	-	-	-	89	-	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

[Adult/non-ICU]

JAN. ~ DEC., 2020

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	213	-	0	100	-	57	67	73	59	3	0	90	-	85	-	75	0	73	77
Citrobacter koseri	495	-	90	99	-	96	95	97	93	85	80	98	-	98	-	97	91	95	94
Enterobacter cloacae complex	616	-	0	98	-	67	72	77	59	51	0	75	-	88	-	80	1	75	75
Escherichia coli	8945	-	73	100	-	72	52	97	70	67	38	99	-	79	-	62	62	56	96
Klebsiella aerogenes	287	-	0	100	-	65	73	90	67	60	0	89	-	93	-	83	1	86	66
Klebsiella oxytoca	150	-	74	99	-	80	76	89	74	75	3	93	-	90	-	90	81	82	86
Klebsiella pneumoniae	2834	-	59	93	-	67	50	82	74	61	49	84	-	71	-	64	59	54	76
Morganella morganii	410	-	0	100	-	87	67	97	95	1	0	100	-	86	-	80	40	68	98
Proteus mirabilis	1148	-	85	97	-	96	68	99	93	91	18	100	-	79	-	72	81	53	99
Proteus vulgaris	125	-	82	100	-	100	95	100	94	1	0	99	-	98	-	98	92	85	100
Providencia rettgeri	62	-	0	92	-	75	71	98	87	73	0	97	-	84	-	71	38	74	100
Providencia stuartii	67	-	0	82	-	87	31	92	78	70	0	97	-	27	-	37	33	40	96
Salmonella enterica serogroup D	108	89	-	-	98	-	93	-	98	-	-	100	100	-	99	-	-	94	-
Serratia marcescens	322	-	0	100	-	92	83	94	85	0	0	98	-	93	-	88	0	90	88

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., 2020

Non-Enterobacterales

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	552	-	-	49	37	37	99	-	47	-	-	-	-	39	42	42	-	42	-	-	46	-	-	50	35
Acinetobacter nosocomialis	248	-	-	75	83	47	100	-	90	-	-	-	-	59	52	50	-	49	-	-	81	-	-	67	46
Acinetobacter pittii	112	-	-	90	88	75	100	-	96	-	-	-	-	85	67	79	-	76	-	-	93	-	-	98	65
Acinetobacter spp.	143	-	-	72	50	53	92	-	83	-	-	-	-	61	65	54	-	53	-	-	83	-	-	99	52
Aeromonas hydrophila complex	63	-	-	98	86	86	-	-	-	71	77	-	54	-	89	-	98	-	-	-	-	89	72	-	-
Aeromonas spp.	55	-	-	100	71	78	-	-	-	64	52	-	69	-	93	-	95	-	-	-	-	73	58	-	-
Burkholderia cepacia complex	254	-	-	-	98	-	-	-	-	-	-	-	-	-	-	-	-	94	-	-	-	98	-	-	-
Haemophilus influenzae	89	18	70	-	-	-	-	69	-	100	76	-	-	-	-	-	-	-	-	-	-	40	-	-	-
Moraxella spp.	73	-	100	-	-	-	-	-	-	97	96	-	-	-	-	-	-	-	-	-	-	77	-	-	-
Neisseria gonorrhoeae	119	-	-	-	-	0	-	-	-	100	-	-	-	-	-	-	-	-	-	1	-	-	3	-	-
Pseudomonas aeruginosa	2027	-	-	99	91	87	100	-	87	-	-	93	-	95	95	89	83	90	-	-	-	-	-	-	89
Stenotrophomonas maltophilia	544	-	-	-	-	-	-	-	-	-	-	-	-	-	-	-	88	-	90	-	-	97	-	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., 2020

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	85	-	-	-	-	91	-	-	-	-	81	-	99	-	100
Enterococcus faecalis	2005	100	-	-	-	-	64	-	-	-	-	98	-	100	-	100
Enterococcus faecium	1040	10	-	-	-	-	57	-	97	-	-	7	-	40	100	40
Enterococcus gallinarum	56	96	-	-	-	-	96	-	-	-	-	82	-	100	-	0
Enterococcus raffinosus	59	20	-	-	-	-	71	-	-	-	-	17	-	98	-	97
Micrococcus luteus	77	-	96	-	66	-	-	-	-	-	99	96	100	100	-	100
Staphylococcus aureus	3319	-	71	-	49	91	-	-	100	-	59	8	94	100	100	100
Staphylococcus capitis	466	-	70	-	69	-	-	-	-	-	64	24	93	100	-	100
Staphylococcus caprae	290	-	76	-	64	-	-	-	-	-	79	21	92	100	-	100
Staphylococcus epidermidis	2130	-	64	-	47	-	-	-	-	-	45	9	70	100	-	100
Staphylococcus haemolyticus	870	-	52	-	24	-	-	-	-	-	17	5	64	97	-	100
Staphylococcus hominis	754	-	68	-	40	-	-	-	-	-	48	16	75	100	-	100
Staphylococcus lugdunensis	405	-	81	-	78	-	-	-	-	-	87	40	99	100	-	100
Staphylococcus saprophyticus	113	-	-	-	-	-	-	-	-	-	74	26	91	100	-	100
Staphylococcus warneri	107	-	75	-	54	-	-	-	-	-	68	22	99	100	-	100
Coag. (-) staphylococci	224	-	60	-	43	-	-	-	-	-	54	24	88	100	-	100
Streptococcus anginosus	362	99	73	99	71	-	-	-	-	-	-	99	-	100	-	100
Streptococcus constellatus	286	94	79	99	80	-	-	-	-	-	-	99	-	100	-	100
Streptococcus dysgalactiae	62	98	45	100	40	-	-	-	-	-	-	100	-	100	-	100
Streptococcus gallolyticus	149	99	27	99	29	-	-	-	-	-	-	100	-	100	-	100
Streptococcus intermedius	52	98	92	98	85	-	-	-	-	-	-	98	-	100	-	100
Streptococcus mitis group	198	76	73	93	40	-	-	-	-	-	-	76	-	100	-	100
Streptococcus oralis	80	70	61	88	38	-	-	-	-	-	-	73	-	100	-	100
Streptococcus parasanguinis	41	59	78	88	24	-	-	-	-	-	-	68	-	100	-	100
Streptococcus pneumoniae	54	-	-	#	-	-	-	87	-	93	-	#	-	-	-	100
Streptococcus salivarius	74	73	74	95	36	-	-	-	-	-	-	73	-	100	-	100
Beta strep. group A***	40	100	77	100	74	-	-	-	-	-	-	100	-	100	-	100
Beta strep. group B	1700	100	50	100	54	-	-	-	-	-	-	100	-	100	-	100
Viridans streptococci	50	86	74	96	50	-	-	-	-	-	-	82	-	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

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GRAM (-) BACILLI

[Pediatrics]

JAN. ~DEC., 2020

ANTIBIOTICS BACTERIA (TOTAL (no.)*	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
Citrobacter koseri	52	-	100	100	-	-	98	-	100	100	96	92	-	100	-	-	100	-	100	-	100	100	100
Enterobacter cloacae complex	48	-	0	100	-	79	85	-	85	77	65	0	-	90	-	-	85	-	91	-	0	85	88
Escherichia coli	1197	-	72	100	-	75	66	-	98	76	73	34	-	100	-	-	77	-	78	-	70	49	96
Klebsiella pneumoniae	260	-	58	98	-	52	53	-	95	82	57	41	-	90	-	-	62	-	70	-	51	54	82
Morganella morganii	49	-	0	100	-	100	90	-	100	100	0	0	-	100	-	-	96	-	96	-	60	84	100
Proteus mirabilis	153	-	91	100	-	100	82	-	99	98	95	20	-	99	-	-	91	-	85	-	89	58	99
Pseudomonas aeruginosa	133	-	-	99	-	95	95	100	92	-	-	-	98	-	96	-	97	95	92	95	-	-	92
Salmonella enterica serogroup B	121	52	-	-	64	-	73	-	-	91	-	-	-	99	-	94	-	100	-	-	-	72	-
Salmonella enterica serogroup D	150	87	-	-	100	-	97	-	-	100	-	-	-	100	-	100	-	100	-	-	-	94	-
Salmonella enterica serogroup E	43	14	-	-	12	-	26	-	-	84	-	-	-	100	-	92	-	100	-	-	-	16	-

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., 2020

ANTIBIOTICS BACTERIA @	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY**														
		AM	CC	CRO	E	FA	HGM	LVX	LZD	MXF	OX	P	SXT	TEC	TGC	VA
Enterococcus faecalis	257	100	-	-	-	-	59	-	-	-	-	98	-	100	-	100
Staphylococcus aureus	375	-	63	-	37	97	-	-	100	-	46	3	98	100	100	100
Staphylococcus epidermidis	174	-	74	-	39	-	-	-	-	-	30	3	63	100	-	100
Staphylococcus haemolyticus	54	-	45	-	13	-	-	-	-	-	7	4	63	94	-	100
Streptococcus pneumoniae	39	-	-	#	-	-	-	97	-	100	-	#	-	-	-	100
Beta strep. group B	51	100		100		-	-	-	-	-	-	100	-	100	-	100
Streptococcus mitis group	40	50	75	80	38	-	-	-	-	-	-	50	-	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., 2020

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 (≤ 0.06)	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
			-		-	-		-	-		-				
			R (≥ 0.12)		0	0.0		0	0.0		0	0.0			
	Other invasive specimens	meningitis標 準	S (≤ 0.06)	6	0	0.0	0	0	0.0	6	0	0.0	0	0	0.0
			-		-	-		-	-						
			R (≥ 0.12)		6	100.0		0	0.0		6	100.0			
		non- meningitis標 準	S (≤ 2)		3	50.0		0	0.0		3	50.0		0	0.0
			I (4)		2	33.3		0	0.0		2	33.3		0	0.0
			R (≥ 8)		1	16.7		0	0.0		1	16.7		0	0.0
	Non- invasive specimens	non- meningitis標 準	S (≤ 2)	68	55	80.9	13	11	84.6	28	21	75.0	27	23	85.2
			I (4)		9	13.2		1	7.7		5	17.9		3	11.1
			R (≥ 8)		4	5.9		1	7.7		2	7.1		1	3.7
Ceftriaxone	CSF	meningitis標 準	S (≤ 0.5)	0	0	0.0	0	0	0.0	0	0	0.0	0	0	0.0
			I (1)		-	-		-	-		-				
			R (≥ 2)		0	0.0		0	0.0		0	0.0		0	0.0
	Other invasive specimens	meningitis標 準	S (≤ 0.5)	6	3	50.0	0	0	0.0	6	3	50.0	0	0	0.0
			I (1)		2	33.3		0	0.0		2	33.3		0	0.0
			R (≥ 2)		1	16.7		0	0.0		1	16.7		0	0.0
		non- meningitis標 準	S (≤ 1)		5	83.3		0	0.0		5	83.3		0	0.0
			I (2)		0	0.0		0	0.0		0	0.0		0	0.0
			R (≥ 4)		1	16.7		0	0.0		1	16.7		0	0.0
	Non- invasive specimens	non- meningitis標 準	S (≤ 1)	68	56	82.4	13	11	84.6	28	25	89.3	27	20	74.1
			I (2)		12	17.6		2	15.4		3	10.7		7	25.9
			R (≥ 4)		0	0.0		0	0.0		0	0.0		0	0.0

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