

台北長庚紀念醫院

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

## GRAM (-) BACILLI

JAN. ~ DEC., 2020

ANTIBIOTICS BACTERIA @	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY**																							
		AM	AMC	AN	C	CAZ	CIP	CL	CPS	CRO	CXM	CZ	DOR	ETP	FLO	FEP	GM	IPM	LVX	MEM	P	SAM	SXT	TE	TZP
Citrobacter koseri	83	-	95	100	-	100	98	-	99	96	88	84	-	99	-	-	100	-	100	-	-	100	100	-	98
Escherichia coli	1823	-	79	100	-	79	62	-	99	81	80	43	-	100	-	-	81	-	72	-	-	73	60	-	98
Klebsiella aerogenes	51	-	0	100	-	78	69	-	90	84	80	2	-	90	-	-	92	-	86	-	-	6	85	-	82
Klebsiella pneumoniae	318	-	72	97	-	80	62	-	95	88	74	58	-	94	-	-	81	-	79	-	-	69	59	-	90
Morganella morganii	54	-	0	100	-	91	69	-	98	98	2	0	-	100	-	-	91	-	85	-	-	55	63	-	100
Neisseria gonorrhoeae	42	-	-	-	-	-	0	-	-	100	-	-	-	-	-	-	-	-	-	-	2	-	-	0	-
Proteus mirabilis	229	-	89	100	-	100	76	-	100	97	96	22	-	100	-	-	88	-	78	-	-	95	55	-	100
Pseudomonas aeruginosa	154	-	-	99	-	97	90	100	96	-	-	-	96	-	-	97	99	92	82	93	-	-	-	-	95
Salmonella enterica serogroup D	43	93	-	-	100	-	95	-	-	100	-	-	-	100	100	-	-	100	-	-	-	-	95	-	-

AM=ampicillin; 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; SAM=ampicillin-sulbactam; SXT=sulfamethoxazole-trimethoprim; TZP=piperacillin-tazobactam; - =not tested or not available

@本年度新上榜的細菌名稱以紅字標示;

\*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

\*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; CR或MDR菌株均已併入原菌株結果一起檢視.

## GRAM (+) BACTERIA

JAN. ~ DEC., 2020

ANTIBIOTICS BACTERIA @	TOTAL (no.) <sup>†</sup>	PERCENT OF SUSCEPTIBILITY **												
		AM	CC	CRO	E	FA	HGM	LZD	OX	P	SX	TEC	TGC	VA
Beta strep. group B	522	100	53	100	56	-	-	-	-	100	-	100	-	100
Enterococcus faecalis	271	100	-	-	-	-	67	-	-	99	-	100	-	100
Staphylococcus aureus	458	-	76	-	51	91	-	100	64	12	97	100	100	100
Staphylococcus capitis	53	-	70	-	74	-	-	-	79	43	98	100	-	100
Staphylococcus caprae	53	-	75	-	64	-	-	-	74	26	91	98	-	100
Staphylococcus epidermidis	259	-	62	-	49	-	-	-	43	8	78	100	-	100
Staphylococcus haemolyticus	60	-	57	-	32	-	-	-	18	7	67	100	-	100
Staphylococcus lugdunensis	102	-	83	-	83	-	-	-	91	48	100	100	-	100
Streptococcus anginosus	45	98	69	100	69	-	-	-	-	98	-	100	-	100

AM=ampicillin; CC=clindamycin; CRO=ceftriaxone; E=erythromycin; FA=fusidic acid; HGM= high level gentamicin; 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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## Anaerobes

JAN. ~ DEC., 2020

ANTIBIOTICS BACTERIA@	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY **				
		CC	MET	P	PIP	SAM
<b>Bacteroides fragilis</b>	44	50	100	0	61	77
<b>Cutibacterium acnes</b>	95	86	0	100	100	100
<b>Finegoldia magna</b>	80	53	100	100	100	100
<b>Prevotella bivia</b>	77	32	100	10	64	96
<b>Peptoniphilus harei</b>	52	52	100	96	100	100
<b>Propionibacterium avidum</b>	47	64	0	100	100	100

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

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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

*Streptococcus pneumoniae*

JAN. ~ DEC., 2020

抗生素種類	檢體別	判讀標準	結果分類	全院			成人ICU			成人非ICU			兒童		
			(濃度範圍, mg/L)	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 ( $\leq 0.06$ )	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			
		non-meningitis 標準	S ( $\leq 2$ )		0	0.0		0	0.0		0	0.0		0	0.0
			I (4)		0	0.0		0	0.0		0	0.0		0	0.0
			R ( $\geq 8$ )		0	0.0		0	0.0		0	0.0		0	0.0
	Non-invasive specimens	non-meningitis 標準	S ( $\leq 2$ )	4	3	75.0	0	0	0.0	4	3	75.0	0	0	0.0
			I (4)		1	25.0		0	0.0		1	25.0		0	0.0
			R ( $\geq 8$ )		0	0.0		0	0.0		0	0.0		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)		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 ( $\leq 0.5$ )	0	0	0.0	0	0	0.0	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
		non-meningitis 標準	S ( $\leq 1$ )		0	0.0		0	0.0		0	0.0		0	0.0
			I (2)		0	0.0		0	0.0		0	0.0		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 ( $\leq 1$ )	4	2	50.0	0	0	0.0	4	2	50.0	0	0	0.0
			I (2)		2	50.0		0	0.0		2	50.0		0	0.0
			R ( $\geq 4$ )		0	0.0		0	0.0		0	0.0		0	0.0

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\*\*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

**GRAM (+) BACTERIA  
NOSOCOMIAL ISOLATES ONLY  
201801-202012**

ANTIBIOTICS BACTERIA	TOTAL (no.)	PERCENT OF SUSCEPTIBILITY**											
		AM	CC	E	FA	HGM	LZD	OX	P	SXT	TEC	TGC	VA
Enterococcus faecium <sup>&amp;</sup>	10	0	-	-	-	30	-	-	0	-	40	-	40
Staphylococcus aureus <sup>&amp;&amp;</sup>	12	-	82	45	83	-	100	67	9	92	100	100	100

AM=ampicillin; CC=clindamycin; E=erythromycin; FA=fusidic acid; HGM= high level gentamicin; LZD=linezolid;  
 OX=oxacillin; P=penicillin-G; SXT = sulfamethoxazole-trimethoprim; TEC=teicoplanin; TGC=tigecyclin; VA=vancomycin;  
 - = not tested or not available  
 &Enterococcus faecium含VRE 6 株(60%)  
 && S. aureus含MRSA 4株 (33%)

**GRAM (-) BACILLI - nosocomial isolates only**  
**NOSOCOMIAL ISOLATES ONLY**  
**201801-202012**

ANTIBIOTIC BACTERIA	TOTAL (no.)	PERCENT OF SUSCEPTIBILITY**													
		AMC	AN	CAZ	CIP	CPS	CRO	CXM	CZ	ETP	GM	LVX	SAM	SXT	TZP
<i>Escherichia coli</i> &	15	67	100	62	57	86	36	36	28	93	85	57	75	33	93
<i>Klebsiella pneumoniae</i> &&	6	-	100	40	60	-	60	40	40	60	80	60	40	-	60

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

&上表中所列數字, 已包含CR及MDR 菌株2株(13%)

&&上表中所列數字, 已包含CR及MDR 菌株4株(66%)