

台北長庚紀念醫院

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

GRAM (-) BACILLI

JAN. ~ DEC., 2021

ANTIBIOTICS BACTERIA	TOTAL (no.)																			
		AMC	AN	CAZ	CIP	CL	CPS	CRO	CXM	CZ	DOR	ETP	FEP	GM	IPM	LVX	MEM	SAM	SXT	TZP
Citrobacter koseri	65	98	100	100	100	-	100	98	98	86	-	100	-	100	-	100	-	100	98	100
Escherichia coli	1837	78	100	86	59	-	98	80	78	42	-	100	-	81	-	70	-	77	62	97
Klebsiella aerogenes	42	0	100	70	71	-	98	74	71	0	-	95	-	93	-	88	-	0	83	79
Klebsiella pneumoniae	322	67	98	81	52	-	90	80	69	54	-	91	-	78	-	74	-	75	66	85
Proteus mirabilis	197	90	99	100	80	-	99	95	96	19	-	99	-	89	-	81	-	82	62	99
Pseudomonas aeruginosa	143	-	100	97	87	100	92	-	-	-	97	-	98	97	92	82	89	-	-	93

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

*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., 2021

ANTIBIOTICS BACTERIA @	TOTAL (no.) ^a	PERCENT OF SUSCEPTIBILITY **														
		AM	CC	CRO	E	FA	HGM	LVX	LZD	MXF	OX	P	SXT	TEC	TGC	VA
Beta strep. group B	488	100	51	100	55	-	-		-	-	-	100	-	100	-	100
Enterococcus faecalis	273	100	-	-	-	-	66		-	-	-	99	-	100	-	100
Enterococcus faecium	44	5	-	-	-	-	64		-	-	-	2	-	55	-	52
Staphylococcus aureus	412	-	73	-	43	90	-		100	-	60	7	98	100	100	100
Staphylococcus capitis	41	-	73	-	76	-	-		-	-	71	41	95	100	-	100
Staphylococcus epidermidis	220	-	59	-	45	-	-		-	-	46	12	79	100	-	100
Staphylococcus haemolyticus	43	-	44	-	28	-	-		-	-	14	9	74	100	-	100
Staphylococcus lugdunensis	102	-	82	-	84	-	-		-	-	93	45	99	100	-	100
Streptococcus anginosus	51	96	80	98	78	-	-		-	-	-	98	-	100	-	100
Streptococcus pneumoniae	3	-	-	#	-	-	-		100	-	100	-	#	-	-	100

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

LVX=levofloxacin; 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

@本年度新上榜的細菌名稱以紅字標示;

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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.

Anaerobes

JAN. ~ DEC., 2021

ANTIBIOTICS BACTERIA	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY **				
		CC	MET	P	PIP	SAM
Bacteroides fragilis	42	31	100	0	45	60
Cutibacterium acnes (Propionibacterium acnes)	85	80	0	100	100	100
Fingoldia magna	59	54	100	97	100	100
Prevotella bivia	72	25	96	11	57	99

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., 2021

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 (≤ 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)	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					
		non-meningitis 標準	S (≤ 2)		0	0.0		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	0	0.0
			R (≥ 8)		0	0.0		0	0.0		0	0.0		0	0.0	0	0.0
	Non-invasive specimens	non-meningitis 標準	S (≤ 2)	3	3	100.0	0	0	0.0	2	2	100.0	1	1	100.0		
			I (4)		0	0.0		0	0.0		0	0.0					
			R (≥ 8)		0	0.0		0	0.0		0	0.0					
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)		0	0.0		0	0.0		0	0.0					
			R (≥ 2)		0	0.0		0	0.0		0	0.0					
	Other invasive specimens	meningitis 標準	S (≤ 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					
			R (≥ 2)		0	0.0		0	0.0		0	0.0					
		non-meningitis 標準	S (≤ 1)		0	0.0		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	0	0.0
			R (≥ 4)		0	0.0		0	0.0		0	0.0		0	0.0	0	0.0
	Non-invasive specimens	non-meningitis 標準	S (≤ 1)	3	3	100.0	0	0	0.0	2	2	100.0	1	1	100.0		
			I (2)		0	0.0		0	0.0		0	0.0					
			R (≥ 4)		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

**GRAM (+) BACTERIA
NOSOCOMIAL ISOLATES ONLY
201901-202112**

ANTIBIOTICS BACTERIA	TOTAL (no.)	PERCENT OF SUSCEPTIBILITY**											
		AM	CC	E	FA	HGM	LZD	OX	P	SXT	TEC	TGC	VA
Enterococcus faecium ^{&}	10	0	-	-	-	40	-	-	0	-	50	-	50
Staphylococcus aureus ^{&&}	12	-	73	55	83	-	100	58	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 5 株(50%)
 && S. aureus含MRSA 5株 (42%)

GRAM (-) BACILLI - nosocomial isolates only
NOSOCOMIAL ISOLATES ONLY
201901-202112

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> &	18	60	100	58	76	83	53	41	29	94	89	76	58	60	94
<i>Klebsiella pneumoniae</i> &&	8	-	100	33	37	-	62	50	50	62	75	50	43	-	75

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(11%)
 &&上表中所列數字, 已包含CR及MDR 菌株 4 株(50%)