

台北長庚紀念醫院

抗生素敏感性試驗

2018年報

JAN. ~ DEC.

檢驗醫學科 微生物組

感染管制委員會

製表

## GRAM (-) BACILLI

JAN. ~ DEC., 2018

ANTIBIOTICS BACTERIA @	TOTAL (no.)	PERCENT OF SUSCEPTIBILITY**																					
		AM	AMC	AN	CAZ	CIP	CL	CLR	CPS	CRO	CXM	CZ	DOR	ETP	FEP	GM	IPM	LVX	MEM	PIP	SAM	SXT	TZP
<b>Citrobacter koseri</b>	105	-	94	100	-	100	-	-	99	96	90	81	-	99	-	99	-	100	-	-	-	99	97
<b>Enterobacter cloacae complex</b>	47	-	0	98	-	87	-	-	96	81	2	0	-	91	-	91	-	94	-	-	-	92	91
<b>Escherichia coli</b>	2048	-	79	100	85	74	-	-	98	82	80	38	-	100	-	81	-	75	-	-	66	58	97
<b>Klebsiella pneumoniae</b>	378	-	68	98	79	83	-	-	94	88	72	56	-	92	-	79	-	89	-	-	76	63	87
<b>Haemophilus influenzae</b>	55	35	84	-	-	-	-	85	-	100	85	-	-	-	-	-	-	-	-	-	-	49	-
<b>Morganella morganii</b>	45	-	0	100	-	87	-	-	98	98	0	0	-	100	-	76	-	93	-	-	-	65	100
<b>Proteus mirabilis</b>	197	-	92	100	-	84	-	-	99	97	96	28	-	100	-	82	-	90	-	-	-	62	99
<b>Pseudomonas aeruginosa</b>	181	-	-	99	98	90	100	-	96	-	-	-	98	-	99	93	94	90	96	-	-	-	98

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; PIP=piperacillin; 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; ESBL或PDR菌株均已併入原菌株結果一起檢視。

## GRAM (+) BACTERIA

JAN. ~ DEC., 2018

ANTIBIOTICS BACTERIA @	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY **														
		AM	CC	CRO	E	FA	HGM	LVX	LZD	MXF	OX	P	SXT	TEC	TGC	VA
Beta strep. group B	545	100	55	100	59	-	-	-	-	-	-	100	-	100	-	100
Enterococcus faecalis	255	100	-	-	-	-	56	-	-	-	-	100	-	100	-	100
Staphylococcus aureus	497	-	69	-	45	93	-	-	100	-	60	9	98	100	100	100
Staphylococcus epidermidis	219	-	65	-	42	-	-	-	-	-	50	9	74	100	-	100
S. lugdunensis	93	-	71	-	76	-	-	-	-	-	88	43	99	100	-	100
S. saprophyticus	42	-	-	-	-	-	-	-	-	-	83	38	98	100	-	100
Streptococcus anginosus	51	100	73	100	61	-	-	-	-	-	-	100	-	100	-	100
S. pneumoniae	19	-	-	#	-	-	-	94	-	94	-	#	-	-	-	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

@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.

## Anaerobes

JAN. ~ DEC., 2018

ANTIBIOTICS BACTERIA@	TOTAL (no.)	PERCENT OF SUSCEPTIBILITY **				
		CC	MET	P	PIP	SAM
<b>Bacteroides fragilis</b>	40	60	100	0	73	83
<b>Fingoldia magna</b>	83	59	100	100	100	100
<b>Peptoniphilus harei</b>	55	55	100	91	100	100
<b>Prevotella bivia</b>	70	44	100	7	80	100
<b>Propionibacterium acnes</b>	94	93	0	100	100	100
<b>P. avidum</b>	41	66	0	100	100	100

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

\*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

@本年度新上榜的細菌名稱以紅字標示;

\*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., 2018

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 ( $\leq 0.06$ )	1	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0
			-		-	-		-	-		-				
			R ( $\geq 0.12$ )		1	100.0		0	0		0	1		100.0	
	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 ( $\leq 2$ )	17	17	100.0	0	0	0.0	13	13	100.0	4	4	100.0
			I (4)		0	0.0		0	0.0		0	0			
			R ( $\geq 8$ )		0	0.0		0	0.0		0	0			
Ceftriaxone	CSF	meningitis 標準	S ( $\leq 0.5$ )	1	0	0.0	0	0	0.0	0	0	0.0	1	0	0.0
			I (1)		1	100.0		0	0		0	0		1	100.0
			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 ( $\leq 1$ )	17	14	82.0	0	0	0.0	13	10	77.0	4	4	100.0
			I (2)		3	18.0		0	0		3	23.0		0	0.0
			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

**GRAM (+) BACTERIA  
NOSOCOMIAL ISOLATES ONLY  
JAN.~ DEC., 201601-201812**

ANTIBIOTICS BACTERIA	TOTAL (no.)	PERCENT OF SUSCEPTIBILITY**											
		AM	CC	E	FA	HGM	LZD	OX	P	SXT	TEC	TGC	VA
Enterococcus faecalis	7	100	-	-	-	43	-	-	100	-	100	-	100
Staphylococcus aureus <sup>&amp;</sup>	10	-	70	50	100	-	100	50	0	100	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  
& S. aureus含MRSA 5株 (50%)

ANTIBIOTICS BACTERIA	TOTAL (no.)	PERCENT OF SUSCEPTIBILITY**													
		AMC	AN	CAZ	CIP	CPS	CRO	CXM	CZ	ETP	GM	LVX	SAM	SXT	TZP
<b>E. coli</b>	11	71	100	-	45	100	36	36	18	100	82	45	-	43	73
<b>Klebsiella pneumoniae</b> &	12	-	92	45	67	-	42	33	25	75	58	67	36	-	42

**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菌株3株(25%)