

台北長庚紀念醫院

抗生素敏感性試驗

2019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., 2019

ANTIBIOTICS BACTERIA @	TOTAL (no.)	PERCENT OF SUSCEPTIBILITY**																						
		AM	AMC	AN	C	CAZ	CIP	CL	CLR	CPS	CRO	CXM	CZ	DOR	ETP	FLO	FEP	GM	IPM	LVX	MEM	SAM	SXT	TZP
Citrobacter koseri	94	-	99	100	-	100	99	-	-	100	99	97	93	-	100	-	-	98	-	100	-	100	100	99
Enterobacter cloacae complex	43	-	0	98	-	83	88	-	-	87	79	40	0	-	98	-	-	91	-	93	-	0	85	86
E. coli	2040	-	82	100	-	82	71	-	-	99	82	80	48	-	100	-	-	83	-	73	-	65	62	98
Klebsiella aerogenes	44	-	0	100	-	95	89	-	-	100	93	43	0	-	98	-	-	95	-	93	-	0	91	91
Klebsiella pneumoniae	371	-	73	99	-	79	77	-	-	93	85	73	64	-	95	-	-	84	-	85	-	76	64	87
Morganella morganii	56	-	0	100	-	100	93	-	-	100	100	0	0	-	100	-	-	82	-	95	-	33	80	100
Proteus mirabilis	185	-	95	100	-	97	86	-	-	100	96	95	36	-	100	-	-	86	-	92	-	86	58	100
Pseudomonas aeruginosa	179	-	-	99	-	96	89	100	-	92	-	-	-	98	-	-	97	96	93	86	96	-	-	93
Serratia marcescens	40	-	0	100	-	96	98	-	-	100	95	3	0	-	100	-	-	100	-	98	-	3	100	95
Salmonella enterica serogroup D	43	84	-	-	97	-	98	-	-	-	98	-	-	-	100	100	-	-	100	-	-	-	88	-

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

@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., 2019

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	505	100	47	100	50	-	-	-	-	-	-	100	-	100	-	100
Enterococcus faecalis	247	100	-	-	-	-	65	-	-	-	-	99	-	100	-	100
Staphylococcus aureus	519	-	73	-	48	93	-	-	100	-	60	8	96	100	100	100
Staphylococcus capitis	40		68		75						80	35	93	100		100
S. epidermidis	253	-	62	-	50	-	-	-	-	-	48	10	76	100	-	100
Staphylococcus haemolyticus	46	-	50	-	24	-	-	-	-	-	30	11	61	98	-	100
S. lugdunensis	91	-	76	-	75	-	-	-	-	-	90	37	99	100	-	100
S. saprophyticus	44	-	-	-	-	-	-	-	-	-	82	39	95	100	-	100
Streptococcus anginosus	64	100	66	100	69	-	-	-	-	-	-	100	-	100	-	100
S. pneumoniae	22	-	-	#	-	-	-	92	-	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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Anaerobes

JAN. ~ DEC., 2019

ANTIBIOTICS BACTERIA@	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY **				
		CC	MET	P	PIP	SAM
Fingoldia magna	72	58	100	96	100	100
Peptostreptococcus spp.	43	53	100	91	100	100
Prevotella bivia	44	45	100	7	80	100
Propionibacterium acnes	82	83	0	100	100	100

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

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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., 2019

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)	16	16	100.0	2	2	100.0	12	12	100.0	2	2	100.0		
			I (4)		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		
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		0	0.0		
			R (≥ 2)		0	0.0		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		0	0.0		
			R (≥ 2)		0	0.0		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)	16	14	87.5	2	1	50.0	12	11	91.7	2	2	100.0		
			I (2)		2	12.5		1	8.3		0	0.0					
			R (≥ 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**

201701-201912

ANTIBIOTICS BACTERIA	TOTAL (no.)	PERCENT OF SUSCEPTIBILITY**											
		AM	CC	E	FA	HGM	LZD	OX	P	SXT	TEC	TGC	VA
Enterococcus faecium ^{&}	10	60	-	-	-	30	-	-	60	-	60	-	60
Staphylococcus aureus ^{&&}	14	-	85	54	86	-	100	64	7	93	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VRE4株(40%)

&& S. aureus含MRSA 5株 (36%)

GRAM (-) BACILLI - nosocomial isolates only

NOSOCOMIAL ISOLATES ONLY

201701-201912

ANTIBIOTIC BACTERIA	TOTAL (no.)	PERCENT OF SUSCEPTIBILITY**													
		AMC	AN	CAZ	CIP	CPS	CRO	CXM	CZ	ETP	GM	LVX	SAM	SXT	TZP
E. coli ^{&}	13	67	100	80	50	86	33	33	25	92	83	50	60	33	92
Klebsiella pneumoniae ^{&&}	10	70	90	22	60	93	40	20	20	70	40	60	22	60	40

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(15.4%)

&&上表中所列數字, 已包含CR及MDR 菌株4株(40%)