

桃園長庚紀念醫院

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**																		
		AMC	AN	CAZ	CIP	CL	CPS	CRO	CXM	CZ	DOR	ETP	FEP	GM	IPM	LVX	MEM	SAM	SXT	TZP
Citrobacter koseri	43	100	100	93	98	-	100	98	98	91	-	100	-	95	-	100	-	100	100	98
Escherichia coli	766	76	100	80	50	-	96	71	69	40	-	99	-	80	-	58	-	75	58	96
Klebsiella pneumoniae	202	65	94	76	59	-	86	80	69	56	-	89	-	75	-	67	-	73	60	82
Proteus mirabilis	102	82	95	95	61	-	99	91	92	14	-	100	-	71	-	65	-	79	46	98
Pseudomonas aeruginosa	108	-	100	94	85	100	87	-	-	-	96	-	96	92	91	81	94	-	-	86

AMC=amoxicillin/clavulanic acid; AM=ampicillin; 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., 2020

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	86	100	57	100	54	-	-	-	-	-	-	100	-	100	-	100
Enterococcus faecalis	119	100	-	-	-	-	61	-	-	-	-	97	-	100	-	100
Staphylococcus aureus	239	-	75	-	48	96	-	-	100	-	50	8	98	100	100	100
Staphylococcus epidermidis	107	-	56	-	40	-	-	-	-	-	45	11	73	100	-	100
Streptococcus pneumoniae	6	-	-	#	-	-	-	100	-	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., 2020

ANTIBIOTICS BACTERIA@	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY **				
		CC	MET	P	PIP	SAM
Cutibacterium acnes	43	67	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

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抗生素 種類	檢體別	判讀標準	結果分類	全院		
			(濃度範圍, mg/L)	總菌株數*	菌株數	%**
Penicillin-G	CSF	meningitis 標準	S (≤ 0.06)	0	0	0.0
			-		-	-
			R (≥ 0.12)		0	0.0
	Other invasive specimens	meningitis 標準	S (≤ 0.06)	0	0	0.0
			-		-	-
			R (≥ 0.12)		0	0.0
		non- meningitis 標準	S (≤ 2)		0	0.0
			I (4)		0	0.0
			R (≥ 8)		0	0.0
	Non- invasive specimens	non- meningitis 標準	S (≤ 2)	6	5	83.3
			I (4)		1	16.7
			R (≥ 8)		0	0.0
Ceftriaxone	CSF	meningitis 標準	S (≤ 0.5)	0	0	0.0
			I (1)		0	0.0
			R (≥ 2)		0	0.0
	Other invasive specimens	meningitis 標準	S (≤ 0.5)	0	0	0.0
			I (1)		0	0.0
			R (≥ 2)		0	0.0
		non- meningitis 標準	S (≤ 1)		0	0.0
			I (2)		0	0.0
			R (≥ 4)		0	0.0
	Non- invasive specimens	non- meningitis 標準	S (≤ 1)	6	5	83.3
			I (2)		1	16.7
			R (≥ 4)		0	0.0

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

ANTIBIOTICS BACTERIA	TOTAL (no.)	PERCENT OF SUSCEPTIBILITY**																
		AMC	AN	CAZ	CIP	CPS	CRO	CXM	CZ	DOR	ETP	FEP	GM	IPM	LVX	MEM	SXT	TZP
Escherichia coli &	95	60	98	63	34	92	42	41	23	-	99	-	73	-	40	-	48	91
Klebsiella pneumoniae &&	44	42	92	57	50	86	60	47	35	-	93	-	53	-	55	-	38	68
Pseudomonas aeruginosa	17	-	100	94	94	83	-	-	-	100	-	100	94	94	88	100	-	88

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

&上表中所列數字, 已包含CR及菌株 2 株(2%)

&&上表中所列數字, 已包含CR及MDR菌株 3 株(7%)

**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 faecalis	11	100	-	-	-	36	-	-	100	-	100	-	100
Staphylococcus aureus ^{&}	19	-	100	67	95	-	100	63	0	89	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 7株 (37%)