

桃園長庚紀念醫院

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	CAZ	CIP	CL	CLR	CPS	CRO	CXM	CZ	DOR	ETP	FEP	GM	IPM	LVX	MEM	SAM	SXT	TZP
E. coli	620	-	76	99	59	55	-	-	96	67	64	36	-	100	-	78	-	58	-	47	57	94
Haemophilus influenzae	41	29	66	-	-	-	-	83	-	100	71	-	-	-	-	-	-	-	-	-	54	-
Klebsiella pneumoniae	184	-	59	91	66	61	-	-	80	70	55	41	-	85	-	72	-	68	-	59	50	71
Proteus mirabilis	71	-	93	97	93	85	-	-	97	97	93	30	-	100	-	79	-	90	-	86	56	96
Pseudomonas aeruginosa	163	-	-	98	90	83	100	-	82	-	-	-	87	-	94	93	85	80	86	-	-	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=doripemum; 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	60	100	41	100	50	-	-	-	-	-	-	100	-	100	-	100
Enterococcus faecalis	94	100	-	-	-	-	54	-	-	-	-	99	-	100	-	100
Staphylococcus aureus	266	-	66	-	43	95	-	-	100	-	46	5	95	100	100	100
S. epidermidis	113	-	50	-	37	-	-	-	-	-	42	8	73	100	-	100
Streptococcus pneumoniae	23	-	-	#	-	-	-	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., 2019

ANTIBIOTICS BACTERIA@	TOTAL (no.)*	PERCENT OF SUSCEPTIBILITY **				
		CC	MET	P	PIP	SAM
Propionibacterium acnes	37	81	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 (濃度範圍, mg/L)	全院		
				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)	23	22	95.7
			I (4)		1	4.3
			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)	23	19	82.6
			I (2)		4	17.4
			R (≥ 4)		0	0.0

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GRAM (-) BACILLI - nosocomial isolates only
NOSOCOMIAL ISOLATES ONLY
201701-201912

ANTIBIOTICS BACTERIA	TOTAL (no.)	PERCENT OF SUSCEPTIBILITY**																
		AMC	AN	CAZ	CIP	CPS	CRO	CXM	CZ	DOR	ETP	FEP	GM	IPM	LVX	MEM	SXT	TZP
E. coli ^{&}	92	63	98	55	44	92	47	45	27	-	99	-	75	-	46	-	43	92
Klebsiella pneumoniae ^{&&}	41	52	95	64	57	84	60	40	37	-	86	-	60	-	63	-	48	66
Pseudomonas aeruginosa	13	-	100	100	92	92	-	-	-	100	-	100	92	100	92	100	-	100

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1株(1%)

&&上表中所列數字, 已包含CR及MDR菌株7株(17%)

**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 faecalis	11	100	-	-	-	55	-	-	91	-	100	-	100
Staphylococcus aureus ^{&}	25	-	89	63	92	-	100	48	0	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;

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& S. aureus含MRSA 13株 (52%)