

## 1.1 全院Aerobic Gram-negative bacteria from ORDINARY CULTURE:

2019 Jan~Jun

菌名	株數	AN	SAM	CZ	FEP	CMZ	SFP	CAZ	CRO	CXM	CIP	CL	ETP	FLO	GM	IPM	LVX	MEM	TZP	TGC	SXT	DOR	MI
<i>Escherichia coli</i>	2576	100	37	63	94	89	95	81	67	61	59	-	99	93	77	99	56	-	91	-	56	-	-
<i>Klebsiella pneumoniae</i>	1292	98	52	57	78	66	76	64	68	56	65	-	79	70	77	81	63	-	67	-	62	-	-
<i>Pseudomonas aeruginosa</i>	1034	97	<u>R</u>	-	85	-	82	86	<u>R</u>	-	84	98	<u>R</u>	-	-	83	81	84	85	<u>R</u>	<u>R</u>	82	-
<i>Proteus mirabilis</i>	369	98	65	75	99	94	99	95	88	88	66	<u>R</u>	100	89	68	-	73	-	99	<u>R</u>	43	-	-
<i>Acinetobacter baumannii</i>	352	-	-	-	24	-	60	24	-	-	22	99	<u>R</u>	-	-	25	22	23	21	83	-	23	-
<i>Stenotrophomonas maltophilia</i>	352	<u>R</u>	<u>R</u>	-	-	-	-	-	<u>R</u>	-	-	-	<u>R</u>	-	-	<u>R</u>	86	<u>R</u>	<u>R</u>	-	93	-	99
<i>Enterobacter cloacae</i>	251	100	<u>R</u>	<u>R</u>	89	0	75	60	55	<u>R</u>	82	-	88	41	90	93	81	-	62	-	77	-	-
<i>Acinetobacter nosocomialis</i>	215	-	-	-	41	-	96	63	-	-	40	97	<u>R</u>	-	-	40	44	36	35	56	-	36	-
<i>Serratia marcescens</i>	189	97	<u>R</u>	<u>R</u>	87	5	94	82	73	<u>R</u>	77	<u>R</u>	95	90	89	-	76	-	-	-	83	-	-
<i>Citrobacter koseri</i>	182	100	-	97	100	99	99	98	98	79	99	-	99	99	99	99	98	-	98	-	99	-	-
<i>Enterobacter aerogenes</i>	174	100	<u>R</u>	<u>R</u>	99	0	97	82	82	<u>R</u>	93	-	97	80	98	97	91	-	82	-	95	-	-
<i>Burkholderia cepacia</i>	166	<u>R</u>	<u>R</u>	-	-	-	-	98	<u>R</u>	-	-	<u>R</u>	<u>R</u>	-	<u>R</u>	<u>R</u>	-	92	<u>R</u>	-	84	-	84
<i>Morganella morganii</i>	121	100	6	<u>R</u>	98	87	95	92	94	<u>R</u>	81	<u>R</u>	100	70	86	-	81	-	99	<u>R</u>	74	-	-
<i>Elizabethkingia anophelis</i>	104	-	-	-	0	-	53	0	-	-	-	-	-	-	-	0	24	-	-	-	-	-	-
<i>Klebsiella oxytoca</i>	68	100	50	32	100	99	94	81	76	71	88	-	99	100	88	98	88	-	90	-	88	-	-
<i>Chryseobacterium indologenes</i>	65	-	-	-	25	-	6	3	-	-	-	-	-	-	-	3	42	-	-	-	100	-	-
<i>Acinetobacter pittii</i>	60	-	-	-	75	-	90	65	-	-	70	97	<u>R</u>	-	-	67	70	59	35	100	-	60	-
<i>Klebsiella variicola</i>	46	83	-	-	76	-	59	56	53	61	78	-	70	-	80	70	84	-	64	90	66	-	-
<i>Enterobacter hormaechei</i>	45	98	<u>R</u>	<u>R</u>	78	0	73	42	38	<u>R</u>	53	-	80	33	91	94	56	-	47	76	58	-	-
<i>Proteus vulgaris</i>	42	98	62	<u>R</u>	100	95	100	100	93	<u>R</u>	95	<u>R</u>	100	100	95	-	98	-	100	<u>R</u>	79	-	-
<i>Achromobacter sp.</i>	37	14	-	-	14	-	92	76	0	-	11	-	-	-	8	92	22	-	92	57	89	-	-
<i>Citrobacter freundii</i>	36	100	-	<u>R</u>	97	0	86	67	67	<u>R</u>	86	-	97	67	89	93	75	-	67	-	75	-	-
<i>Acinetobacter sp.</i>	33	-	-	-	76	-	94	24	24	-	70	-	-	-	94	73	76	-	59	94	68	-	-
<i>Pseudomonas putida</i>	33	97	-	-	61	-	30	48	9	-	45	-	-	-	76	55	45	-	53	36	6	-	-
<i>Acinetobacter johnsonii</i>	26	95	-	-	58	-	95	27	16	-	35	-	-	-	88	38	46	-	23	92	33	-	-
<i>Sphingomonas paucimobilis</i>	21	85	-	-	43	-	100	35	52	-	62	-	-	-	65	90	76	-	26	100	90	-	-

菌名	株數	AM	CTX	CAZ	CXM	IPM	SXT
<i>Haemophilus influenzae</i>	291	31	98	99	78	99	49
<i>Haemophilus parainfluenzae</i>	68	71	100	100	97	100	53

## 1.2 加護單位\* Aerobic Gram-negative bacteria from ORDINARY CULTURE:

2019 Jan~Jun

菌名	株數	AN	SAM	CZ	FEP	CMZ	SFP	CAZ	CRO	CXM	CIP	CL	ETP	FLO	GM	IPM	LVX	MEM	TZP	TGC	SXT	DOR	MI
<i>Klebsiella pneumoniae</i>	256	95	30	33	52	42	48	37	40	32	38	-	55	44	65	58	38	-	37	-	47	-	-
<i>Pseudomonas aeruginosa</i>	169	94	<u>R</u>	-	69	-	65	70	<u>R</u>	-	77	98	-	-	-	60	74	62	69	<u>R</u>	-	57	-
<i>Stenotrophomonas maltophilia</i>	148	<u>R</u>	<u>R</u>	-	-	-	-	-	<u>R</u>	-	-	-	<u>R</u>	-	-	<u>R</u>	84	<u>R</u>	<u>R</u>	-	93	-	99
<i>Acinetobacter baumannii</i>	134	-	-	-	12	-	50	12	-	-	9	99	<u>R</u>	-	-	9	9	8	7	78	-	8	-
<i>Escherichia coli</i>	120	99	34	51	92	85	91	74	60	58	54	-	97	89	73	99	52	-	83	-	50	-	-
<i>Burkholderia cepacia</i>	117	<u>R</u>	<u>R</u>	-	-	-	-	97	<u>R</u>	-	-	<u>R</u>	<u>R</u>	-	<u>R</u>	<u>R</u>	-	95	<u>R</u>	-	84	-	85
<i>Acinetobacter nosocomialis</i>	99	-	-	-	30	-	97	59	-	-	26	97	<u>R</u>	-	-	24	29	23	22	45	-	23	-
<i>Elizabethkingia anophelis</i>	59	-	-	-	0	-	46	0	-	-	-	-	-	-	-	0	24	-	-	-	-	-	-
<i>Serratia marcescens</i>	43	95	<u>R</u>	<u>R</u>	65	7	88	53	47	<u>R</u>	60	<u>R</u>	85	86	86	-	60	-	-	-	63	-	-
<i>Enterobacter cloacae</i>	33	100	<u>R</u>	<u>R</u>	90	0	74	58	55	<u>R</u>	81	-	81	32	87	85	84	-	58	-	74	-	-
<i>Chryseobacterium indologenes</i>	26	-	-	-	23	-	0	0	-	-	-	-	-	-	-	0	35	-	-	-	100	-	-
<i>Proteus mirabilis</i>	22	100	55	64	100	82	100	91	86	77	68	<u>R</u>	100	77	68	-	73	-	100	<u>R</u>	45	-	-

\*: 加護單位包含ICUA, ICUB, ICUC, NICU, PICU, RCUA, RCUB, NCUA, NCUB, BU, CCU, SCU, CVSA, CVSB, EICU

臺北榮民總醫院 病理檢驗部微生物科

## 2.1 全院Aerobic Gram-positive bacteria from ORDINARY CULTURE:

2019 Jan~Jun

菌名	株數	AM	P	CTX	CRO	CHL	CC	DAP	E	GM(h)	LVX	OX	RIF	S(h)	TEC	SXT	VA
<i>Staphylococcus aureus</i>	1286	-	5	-	-	93	63	100	48	-	-	55	-	-	100	87	100
<i>Enterococcus faecalis</i>	574	-	98	-	-	75	-	94	4	54	-	-	-	76	99	-	99
<i>Enterococcus faecium</i>	468	-	6	-	-	78	-	-	4	52	-	-	-	27	49	-	47
<i>Streptococcus agalactiae</i>	416	-	100	100	-	91	56	-	-	-	-	-	-	-	100	-	100
<i>Staphylococcus epidermidis</i>	258	-	4	-	-	90	55	100	45	-	-	22	-	-	92	61	100
<i>Viridans streptococcus group</i>	114	77	52	93	93	-	63	-	54	-	90	-	-	-	-	-	100
<i>Streptococcus pneumoniae</i>	105	-	96	96	97	74	-	-	12	-	96	-	99	-	-	44	100
<i>Staphylococcus capitis</i>	80	-	16	-	-	100	67	-	66	-	-	44	-	-	83	96	100
<i>Staphylococcus lugdunensis</i>	72	-	18	-	-	98	88	100	88	-	-	68	-	-	99	100	100
<i>Staphylococcus haemolyticus</i>	60	-	0	-	-	90	43	100	13	-	-	3	-	-	93	48	100
<i>Staphylococcus caprae</i>	47	28	19	-	-	-	87	-	74	-	-	74	-	-	-	96	100
<i>Enterococcus avium</i>	27	-	48	-	-	88	-	-	26	81	-	-	-	81	92	-	96
<i>Staphylococcus, coagulase negativ</i>	27	10	7	-	-	-	52	-	52	-	-	56	-	-	-	81	100
<i>Staphylococcus hominis</i>	22	-	0	-	-	100	33	100	10	-	-	14	-	-	100	68	100
<i>Streptococcus dysgalactiae</i>	22	100	100	100	100	-	32	-	41	-	82	-	-	-	-	100	100

## 2.2 加護單位\*Aerobic Gram-positive bacteria from ORDINARY CULTURE:

2019 Jan~Jun

菌名	株數	AM	P	CTX	CRO	CHL	CC	DAP	E	GM(h)	LVX	OX	RIF	S(h)	TEC	SXT	VA
<i>Staphylococcus aureus</i>	117	-	6	-	-	95	53	-	39	-	-	41	-	-	100	78	100
<i>Enterococcus faecium</i>	78	-	4	-	-	78	-	-	4	58	-	-	-	32	51	-	47
<i>Enterococcus faecalis</i>	54	-	100	-	-	77	-	88	6	62	-	-	-	81	100	-	100
<i>Staphylococcus epidermidis</i>	27	-	4	-	-	89	37	100	26	-	-	11	-	-	84	41	100

\*: 加護單位包含ICUA, ICUB, ICUC, NICU, PICU, RCUA, RCUB, NCUA, NCUB, BU, CCU, SCU, CVSA, CVSB, EICU

## 3. Anaerobic bacteria from ANAEROBIC CULTURE#:

菌名	株數	CC	CMZ	MZ	P	SAM	TZP
<i>Clostridium difficile</i>	292	34	70	100	7	98	100
<i>Propionibacterium acnes</i>	166	96	100	0	98	100	100
<i>Bacteroides fragilis</i>	146	45	69	100	<u>R</u>	72	95
<i>Prevotella bivia</i>	84	52	98	100	10	99	100
<i>Fingoldia magna</i>	74	47	100	100	99	100	100
<i>Bacteroides thetaiotaomicron</i>	62	24	5	100	<u>R</u>	50	89

菌名	株數	CC	CMZ	MZ	P	SAM	TZP
<i>Parvimonas micra</i>	47	94	100	100	98	100	100
<i>Peptoniphilus asaccharolyticus</i>	39	49	100	97	87	100	100
<i>Fusobacterium nucleatum</i>	37	95	97	100	81	100	100
<i>Bacteroides ovatus</i>	32	47	9	100	<u>R</u>	69	94
<i>Propionibacterium avidum</i>	31	74	100	0	97	100	100
<i>Prevotella intermedia</i>	30	63	100	100	17	97	100

#: breakpoint agar dilution method

#### 4.1 全院Aerobic Gram-negative bacteria from BLOOD CULTURE:

2019 Jan~Jun

菌名	株數	AN	SAM	CZ	FEP	CMZ	SFP	CAZ	CRO	CXM	CIP	CL	ETP	FLO	GM	IPM	LVX	MEM	TZP	TGC	SXT	DOR	MI
<i>Escherichia coli</i>	356	100	38	60	93	90	96	81	66	62	66	-	99	94	78	99	61	-	92	-	51	-	-
<i>Klebsiella pneumoniae</i>	181	98	50	54	75	64	75	64	65	54	65	-	77	71	75	77	61	-	69	-	64	-	-
<i>Pseudomonas aeruginosa</i>	50	98	<u>R</u>	-	88	-	84	88	<u>R</u>	-	84	100	<u>R</u>	-	-	86	86	92	86	<u>R</u>	-	88	-
<i>Acinetobacter nosocomialis</i>	37	-	-	-	73	-	100	78	-	-	76	100	<u>R</u>	-	-	78	76	76	76	89	-	76	-
<i>Acinetobacter baumannii</i>	33	-	-	-	52	-	73	42	-	-	58	100	<u>R</u>	-	-	52	61	53	44	88	-	53	-
<i>Enterobacter cloacae</i>	32	100	<u>R</u>	<u>R</u>	97	0	75	66	66	<u>R</u>	84	-	91	44	94	96	84	-	68	-	81	-	-
<i>Elizabethkingia anophelis</i>	27	-	-	-	0	-	26	0	-	-	-	-	-	-	-	0	7	-	-	-	-	-	-
<i>Stenotrophomonas maltophilia</i>	25	<u>R</u>	<u>R</u>	-	-	-	-	-	<u>R</u>	-	-	-	<u>R</u>	-	-	<u>R</u>	92	<u>R</u>	<u>R</u>	-	96	-	100
<i>Serratia marcescens</i>	22	91	<u>R</u>	<u>R</u>	73	0	82	64	50	<u>R</u>	55	<u>R</u>	94	73	82	-	55	-	-	-	82	-	-

#### 4.2 加護單位\* Aerobic Gram-negative bacteria from BLOOD CULTURE:

2019 Jan~Jun

菌名	株數	AN	SAM	CZ	FEP	CMZ	SFP	CAZ	CRO	CXM	CIP	CL	ETP	FLO	GM	IPM	LVX	MEM	TZP	TGC	SXT	DOR	MI
<i>Klebsiella pneumoniae</i>	38	100	24	29	42	37	42	34	34	24	34	-	45	53	68	45	29	-	37	-	53	-	-
<i>Escherichia coli</i>	31	100	32	32	87	81	87	77	39	39	55	-	90	87	74	94	52	-	84	-	55	-	-
<i>Burkholderia cepacia</i>	15	<u>R</u>	<u>R</u>	-	-	-	-	100	<u>R</u>	-	-	<u>R</u>	<u>R</u>	-	<u>R</u>	<u>R</u>	-	100	<u>R</u>	-	67	-	67
<i>Acinetobacter nosocomialis</i>	12	-	-	-	50	-	100	75	-	-	50	100	<u>R</u>	-	-	58	50	58	50	75	-	58	-
<i>Elizabethkingia anophelis</i>	11	-	-	-	0	-	36	0	-	-	-	-	-	-	-	0	9	-	-	-	-	-	-

\* : 加護單位包含ICUA, ICUB, ICUC, NICU, PICU, RCUA, RCUB, NCUA, NCUB, BU, CCU, SCU, CVSA, CVSB, EICU

抗生素名稱：  
 AM: Ampicillin  
 AN: Amikacin  
 CAZ: Ceftazidime  
 CIP: Ciprofloxacin  
 CL: Colistin  
 CMZ: Cefmetazole  
 CRO: Ceftriaxone

CTX: Cefotaxime  
 CXM: Cefuroxime sodium  
 CXA: Cefuroxime axetil  
 CZ: Cefazolin  
 DOR: Doripenem  
 ETP: Ertapenem  
 FEP: Cefepime

IPM: Imipenem  
 LVX: Levofloxacin  
 MEM: Meropenem  
 MFX: Moxifloxacin  
 MI: Minocycline  
 MZ: Metronidazole  
 SAM: Ampicillin/sulbactam

SFP: Cefoperazone/Sulbactam  
 SXT: Sulfamethoxazole/trimethoprim  
 TZP: Piperacillin/tazobactam  
 TGC: Tigecycline  
 VA: Vancomycin  
R : Natural resistant  
 - : Not available, or Method limitation

### 5.1 全院Aerobic Gram-positive bacteria from BLOOD CULTURE:

2019 Jan~Jun

菌名	株數	AM	P	CTX	CRO	CHL	CC	DAP	E	GM(h)	LVX	OX	RIF	S(h)	TEC	SXT	VA
<i>Staphylococcus aureus</i>	139	-	12	-	-	96	60	100	44	-	-	55	-	-	100	83	100
<i>Enterococcus faecium</i>	48	-	8	-	-	71	-	-	2	50	-	-	-	25	40	-	40
<i>Enterococcus faecalis</i>	40	-	97	-	-	75	-	95	5	50	-	-	-	63	100	-	100
<i>Viridans streptococcus group</i>	40	70	60	90	95	-	65	-	51	-	88	-	-	-	-	-	100
<i>Staphylococcus epidermidis</i>	24	-	0	-	-	96	38	100	21	-	-	17	-	-	75	29	100

### 5.2 加護單位Aerobic Gram-positive bacteria from BLOOD CULTURE:

2019 Jan~Jun

菌名	株數	AM	P	CTX	CRO	CHL	CC	DAP	E	GM(h)	LVX	OX	RIF	S(h)	TEC	SXT	VA
<i>Enterococcus faecium</i>	19	-	5	-	-	79	-	-	0	53	-	-	-	26	47	-	47
<i>Staphylococcus aureus</i>	15	-	7	-	-	100	27	100	20	-	-	40	-	-	100	73	100
<i>Enterococcus faecalis</i>	9	-	100	-	-	67	-	100	11	67	-	-	-	78	100	-	100
<i>Staphylococcus capitis</i>	6	-	0	-	-	100	50	100	50	-	-	0	-	-	83	100	100

\* : 加護單位包含ICUA, ICUB, ICUC, NICU, PICU, RCUA, RCUB, NCUA, NCUB, BU, CCU, SCU, CVSA, CVSB, EICU

### 6. Anaerobic bacteria from BLOOD CULTURE#:

菌名	株數	CC	CMZ	MZ	P	SAM	TZP
<i>Bacteroides fragilis</i>	16	38	56	100	<u>R</u>	69	88
<i>Bacteroides thetaiotaomicron</i>	6	0	0	100	<u>R</u>	0	83
<i>Eggerthella lenta</i>	6	67	100	100	17	100	83

抗生素名稱： AM: Ampicillin                      DAP: Daptomycin                      P: Penicillin G                      TZP: Piperacillin/tazobactam  
                     CC: Clindamycin                                      E: Erythromycin                      RIF: Rifampin                      VA: Vancomycin  
                     CHL: Chloramphenicol                      GM(h): Gentamicin-High level                      S(h): Streptomycin-High level                      R : Natural resistant  
                     CMZ: Cefmetazole                                      LVX: Levofloxacin                      SAM: Ampicillin/sulbactam                      - : Not available, or Method  
                     CRO: Ceftriaxone                                      MZ: Metronidazole                      SXT: Sulfamethoxazole/trimethoprim                      limitation  
                     CTX: Cefotaxime                                      OX: Oxacillin                      TEC: Teicoplanin