		- 31	Lwac	PER	PERCENT SUSCEPTIBLE OF MOST COMMON ORGANISMS, KHON KAEN HOSPITAL (JANUARY-DECEMBER 2017) DESCRIPTION OF MISCELLAROUS MISCELLAROUS MISCELLAROUS																								
		BOLATE	AMBEG	LYCOLOGIC			а	BE	IA - DAL	IAM	g.	8	Н		CARBA	PENER				QUUN	JUNE			ź	0	MISCELL	AVEUUS		Т
	PERCENTAGE OF SUSCEPTIBLE (JANUARY-DECEMBER 2017)	TOTAL OF IS	Sertamidn	Amitheein	Paridin	Ampidille	Amodelliye	Cefazolin	Cefotavine	Ceftazidine	Cefaperation	Piperad/Tax	Doctin	Meropenen	Doripenen	Ertipanan	Inipenen	Colistin	Oprofinacin	Morthagocin	revolosadin	Stafosodn	ilancomych	Trimetha/Sul	Dicramphen	retaydine	Figecycline	Eydromycin	
1		TOTAL	59	98		ì	64	36	43	50	84	55	ě	93	93	92	92	991	45	31		85	É	35	·	•	100		t
	Escherichia coli	2143 EGU	(2138) 54	(2051)	-		(2024)	(2069)	(2129)	(2130)	(2125) 78	(2048) 84		(2107)	(2104)	(2050)	(2106) 89	(241) 100°	(2132) 39	(663)		(1872) 85		(2129)			(33)		H
	MDR 20% , CRE 7.4%	476	(475)	(448)			(445)	(462)	(472)	(472)	(499)	(455)		(466)	(464)	(454)	(464)	(74)	(474)	(137)		(407)		(473)					L
		NON 100 1714	60 (1710)	98 (1650)			65 (1617)	37 (1654)	(1704)	52 (1706)	85 (1703)	89 (1639)		94 (1687)	93 (1687)	93 (1643)	93 (1689)	99 ⁸ (170)	46 (1705)	31 (538)		85 (1509)		36 (1703)			100 (24)		
		TOTAL 1554	32 (1550)	45 (1438)			7 (828)		9 (1551)	18 (1551)	37 (1550)	25		24 (1541)				99*	25 (1581)		25 (1410)	79 (1307)		35 (1551)			83 (943)		T
	Acinetobacter baumannii	100	32	43		R	7	R	(1581)	15	(1550)	20		(1541)			-	(1010) 99 ⁸	20	-	20	76		(1551)			85		H
	MDR 74.7% , CoRo 0.6%	653 NON ICU	-651 32	(5994) 45			(357)		(651)	(651) 18	(690) 38	(614) 27		(648) 26				(453) 99 ⁸	(651) 26		(587) 27	(545) 81		(651) 35			(416) 82		Ļ
		976	(974)	(916)			(515)		(975)	(975)	(975)	(934)	1	(968)	•			(608)	(975)		(891)	(831)		(975)			(574)		L
		TOTAL 1487	79 (1482)	95 (1407)			54 (1295)	44 (1453)	47 (1479)	50 (1479)	64 (1475)	67 (1435)		78 (1465)	78 (1465)	76 (1435)	78 (1461)	89 ⁸ (247)	56 (1481)	33 (158)		77 (1310)		50 (1490)			30 (60)		
	Klebsiella pneumoniae	EOJ .	77	91		R	41	30	31	35	50	53		64	65	63	65	88 ⁸	42	23		67		35			-		t
	MDR 17.3% , CRE 23.1%	436 NON YOU	(434) 79	(413)			(381) 58	(426)	(435)	(435) 54	(435) 69	(425) 72		(434) 81	(431) 82	(423) 80	(430) 82	(100) 91 ⁸	(434)	(39)		(378) 79		(435					H
RIA		1094	(1091)	(1035)			(954)	(1070)	(1066)	(1066)	(1064)	(1053)		(1075)	(1078)	(1055)	(1075)	(159)	(1009)	(121)		(972)		(1099)					
BACTERIA	Pseudomonas aeruginosa MDR 17.2%	TOTAL 1121	83	86 (1074)		R		R	R	7S (1120)	76 (1107)	79		78 (1096)				100° (349)	81 (1122)			86		R					
		IOI	74	77						60	66	72		66				300°	72			78							t
A I		MOM TOTAL	(379)	(366)				-		(381)	(377)	(372) 82		(370)				(146) 100°	(381) 84	-		(325)							+
NEGATIVE		798	(791)	(763)						(796)	(787)	(773)		(772)				(223)	(798)			(683)							L
		TOTAL 396	82 (396)	93 (382)			(362)	(350)	(395)	(395)	(394)	(390)		93 (389)	93 (389)	91 (382)	91 (385)	100° (26)	81 (396)	30 (23)	(1)	96 (362)		76 (396)					
GRAM	Enterobacter cloacae	ION	76	85		R	R	R	50	53	65	72.		35	83	84	85	300°	60	50	100	93		75					ľ
	MDR 8.3% , CRE 8.3%	102 NON ICU	(102) 83	(96) 96			6	4	(102) 69	(102) 72	(101) 88	(96) 87		(101) 95	(97) 94	(97) 94	(96) 93	(11) 100°	(102) 85	(12)	(1)	(87) 96		(102)					H
	Out of the later	301	(301)	(292)			(278)	(266)	(300)	(300)	(300)	(291)		(295)	(299)	(292)	(296)	(16)	(301)	(11)		(281)		(301)					1
	Proteus mirabilis MDR 3.3% , CRE 1.5%	TOTAL 272	87 (270)				91 (234)	58 (260)	79 (272)	(272)	97 (271)	99 (265)		99 (268)	99 (261)	100 (263)	95 (261)		84 (272)	76 (42)		98 (242)		65 (270)		R	R		l
	Burkholderia pseudomallei	TOTAL 245					100 (221)	-	-	100 (245)						•	100 (242)	-	-	-				97 ⁰ (235)		100 (242)			Γ
	Stenotrophomonas maltophilia	TOTAL	R	R		R	(221)	R	R	(245)				R			(242)		-	-	93			92		(242)			t
	Citrobacter freundli	240 TOTAL	75	85		0			68	72	81	81		81	82	82	81		~	43	(220)	89		(238)				_	H
	MDR 1.6% , CRE 17.4%	126	(126)	(123)		K	K	*	(126)	(126)	(124)	(119)		(124)	(125)	(125)	(125)	100° (19)	(126)	(21)	(1)	(110)		(125)					l
	Morganella morganii MDR 8.8% , CRE 7.8%	TOTAL 100	72			R		R	73	80 (102)	86 (101)	92 (96)		92	91 (91)	91 (92)	80 (97)		72 /1031			86 (92)		65 (102)					Γ
	Haemophilus influenzae	TOTAL	-				96		98	/seel	. (101)				. (44)	-	-	-	100					45	91	75			t
	Salmonella spp.	99 TOTAL	25			46	(922)	47	(98)	73	87	96		97	100	100	100	190°	(96)	100		100		(99)	(98)	(99) S4			H
	MDR 9.2% , CRE 2%	97	(45)			(26)	(56)	(40)	(70)	(70)	(70)	(60)		(70)	(65)	(64)	(64)	(14)	(46)	(28)		(48)		(95)	(26)	(26)			L
		TOTAL 1514	(1513)										80 ⁴ (1514)										100 ⁸ (1412)	87 (1509)				75	T _c
	Coagulase Positive Staphylococci MRSA 19.1%	IOI	83						-				75 ^A					-					100°	86			-	72	Ť
		356 MON YOU	(356)										(356) 82 ⁴										(349)	(355)				(349)	10
		1102	(1151)										(1152)										(1105)	(1178)				(1167)	
		MRSA 297	(297)										6 ³ (297)										100 ⁸ (295)	48 (279)				(293)	l.
		MSSA	99										100 ^h										100°	97				91	Т
	Coagulase Negative Staphylococci MRCo 61.3%	1261 TOTAL	(1216) 67										(1217) 40 ⁴										(1137)	(1212) 60			100	(1199)	0
		1103	(1099)										(1101)										(1098)	(1095)			(1)	(1059)	0
		100 297	54 (297)										28 ⁴ (297)										100 (295)	51 (294)				24 (285)	Ī,
		NON YOU	71						-				431										100	63			100	38	Т
		825 TOTAL	(821) 42 ^C			93	-	-		-			(823)				-		41	-			(822)	(820)		15	(1)	(793)	0
		926 IDJ	(925)			(926) 91													(926) 37				(923) 100			(926)		(444)	L
BACTERIA	Enterococcus faecalis ⁸ VRE 0.4%	222	36° (222)	Ľ		(222)													(222)				(222)			(222)		(91)	
Ę		NON ICU 774	43 ^c (723)		1	93			1			1							42 (724)				99 (721)			16		10	
		TOTAL	55°			5								-	-				5	-		-	90	-		6	100	4	t
M		466 IOJ	(465) 55°			(466)													(466)				(466) 92			(466)	(1) 100	(159)	4
POSITIVE	Enterococcus faecium ⁸ VRE 9.7%	148	(148)	L		(148)													(148)				(148)			(148)	(1)	(63)	
		NON YOU 328	55° (327)		1	6 (328)	1		1							1			6 (328)		1		89 (328)			7 (328)		6 (100)	ſ
GRAM	All Enterococcus soo. 8	TOTAL	49°			63		-											32	-			96			13		11	t
9	(including E.faecalis, E.faecium, and other)	1495 TOTAL	(1492)		100 ⁸	(1494)			100										(1495)		100		(1489)	100		(1494)		(688) 96	1
		185			(186)				(185)												(183)		(186)	(1)				(185)	
	Streptococcus pyogenes®	EOU 40			100 ⁸ (40)				100				1								(37)		100					95 (39)	
		NON YOU			100 ⁸				100										-		100		100	100				96	t
		147 TOTAL			(146) 100 ⁸				(145)								-				(146) 99		(147)	(1)				(146) 82	1
		156			(154)				(151)												(147)		(154)					(136)	1
	Streptococcus agalactiae 8	100 26			100 ⁸ (26)				100 (25)												96 (23)		100					87 (23)	
	Streptococcus agalactiae 8	NON YOU			220				100												100		100			50		80	Ħ
									(128)												(126)		(130)			(2)		(115)	
		131 TOTAL			(130)				- Carry												100		100	63	91	31		60	۲
		TOTAL 106								-			-	٠	٠		-	•	-	-	100 (102)	٠	100	(99)	(96)	31 (95)	-	60 (99)	
	Streptococcus prieumoniae®	TOTAL		-	67		-	-	300	-	-	•	-	•	•	•	-	•	-	-	100	•	100			31	-	60	ļ

	21 21	MADES	ICCHON.				881	A - LAC	ТАМ					CARBAPENE					QUIN	DLONE					MISCEU	ANEOUS		
PERCENTAGE OF SUSCEPTIBLE (JANUARY-DECEMBER 2017)	TOTAL OF ISOL	Gertamiön	Antitacin	Periolin	Ampidilin	AmodellayCla	Cefarolin	Cefotavime	Ceftszidine	Cefaperatores'S	PiperadVTaxob	Coucilin	Mercperen	Doripenem	Ertspenem	Irripesen	Celszin	Oprofizacin	Marfasicin	Levelhoadin	Staffcaacin	Vancompcin	Trimethq/Sulfa.	Chkristybenico	Tetracydine	Tigecycline	Erydromycin	Fusidic acid
PERCENT SUSCEPTIBLE OF TOP FIVE OF			ST CO	MMON	I ISOL	ATE F	ROM I	BLOOL	o*				_															
Coagulase Negative Staphylococci	TOTAL 1001	(1006)										41 (1009)						1				(1007)	60 (1005)			100	(1001)	75
Escherichia coli	TOTAL 496	65 (496)	99 (497)			73	46 (443)	50 (485)	51 (490)	87 (489)	93		94 (499)	94	94	94 (462)	99 (133)	52 (482)	-		92 (392)		39			-	-	
Klebsiella pneumoniae	TOTAL 239	86 (239)	94 (234)		R	67	55 (221)	57 (237)	57 (237)	68 (237)	73 (218)		75 (237)	75 (233)	73	75 (231)	92 (71)	67 (237)			82 (199)		57 (237)					
Coagulase Positive Staphylococci	TOTAL 211	89 (209)										76 (209)										100 ⁸	85 (209)				(209)	(20
Bunkholdenia (Pseudomonas) pseudomallei	TOTAL					100			100							99				-			98 ⁹ (168)		99	٠		
PERCENT SUSCEPTIBLE OF TOP FIVE OR	GANISM	S MOS	ST CO	MMON	ISOL	ATE F	ROM I	RESPL		RY TR	4CT					(11-27)							(100)		(0.9)			_
Acinetobacter baumannii	TOTAL	27	38		R	6	R	7	14	31	19		18				99 ⁸	19	-	20	78		32			83		Τ-
Coagulase Positive Staphylococci	TOTAL	(1046) 84	(972)		-	(200)	-	(1047)	(1047)	(1046)	(993)	76^	(3040)	-	-	-	(667)	(1047)	-	(970)	(894)	100 ⁸	(1047) 86		-	(618)	74	90
Pseudomonas aeruginosa	TOTAL	(681) 83	86		R		R	R	76	76	78	(651)	73				300 th	81	-		85	(648)	(690) R				(679)	(66)
Klebsiella pneumoniae	522 TOTAL	(515) 78	(495) 95		R	46	35	38	(520) 41	(512) 59	(901) 63		(902) 76	77	74	76	(164) 86 ⁸	(\$22) 50	-		(451) 74		42					
Netoleia preumonae	593 TOTAL	(490) R	(457) R			(456)	(486) P	(490)	(490)	(488)	(477)		(493) B	(498)	(485)	(466)	(65)	(491)		93	(445)		(491) 92					_
Stenotrophomonas maltophilia (X.maltophi	101AL	R	R		R		K						R							(164)			(178)					
PERCENT SUSCEPTIBLE OF TOP FIVE OF				MMON	I ISOL																							
Escherichia coli	TOTAL 393	58 (392)	98 (375)		-	(368)	26 (388)	37 (392)	49 (392)	86 (392)	88 (399)		94 (390)	94 (389)	93 (389)	95 (390)	100 ² (20)	48 (393)			85 (364)		37 (391)			-		1
Klebsiella pneumoniae	TOTAL 313	79 (311)	94 (303)		R	52 (254)	44 (306)	48 (312)	51 (312)	67 (311)	68 (329)		75 (308)	76 (308)	74 (306)	76 (309)	83 ⁸ (41)	57 (312)	-		81 (282)	•	50 310)			-		-
Coagulase Positive Staphylococci	TOTAL 307	90 (307)					-	-	-		-	85 ^A (307)		•	•	1	-	-	-	-		100 ⁸ (209)	89 (305)			1	78 (306)	95
Pseudomonas aeruginosa	TOTAL 271	90 (209)	93 (258)		R		R	R	79 (270)	81 (266)	82 (264)		86 (299)	•	•		100° (56)	90 (271)		-	91 (247)		R	•				-
Acinetobacter baumannii	TOTAL 259	35 (258)	49 (242)		R	5 (140)	R	7 (259)	17 (259)	36 (259)	24 (245)		25 (257)	•	-	-	99 ⁸ (174)	23 (259)	-	24 (229)	81 (226)	•	31 (299)	•		85 (164)		-
PERCENT SUSCEPTIBLE OF TOP FIVE OF	GANISM	S MOS	ST CO.	MMON	I ISOL	ATE F	ROM	URINE																				
Escherichia coli	TOTAL 803	54 (799)	96 (759)			56 (766)	35 (796)	37 (801)	47 (801)	79 (801)	83 (788)		89 (789)	90 (796)	89 (792)	89 (795)	98 ⁶ (51)	30 (803)	31 (723)		80 (730)	-	30 (801)					
Enterococcus faecalis®	TOTAL 468	21° (488)			93 (488)			-	-					•	•	•	•	20 (488)	-	-		100 (487)	•	-	4 (488)			-
Enterococcus faecium [®]	TOTAL 312	50F (312)	-		(312)		-		-		-	-	-	-	-	-	-	(312)	-	-		90 (312)	-	-	3 (312)	-		
Klebsiella pneumoniae	TOTAL 210	(209)	86 (199)		R	33 (182)	26 (206)	26 (210)	29 (210)	42 (210)	48 (209)	•	62 (208)	63 (208)	60 (207)	64 (208)	94 ⁶ (44)	30 (210)	34 (179)	-	59 (185)	•	28 (210)			1		-
Pseudomonas aeruginosa	TOTAL 130	52 (129)	55 (126)		R		R	R	54 (130)	53 (129)	64 (129)		60 (128)	•	•	1	100° (49)	52 (130)	-	-	51 (68)		R			1		-
Acinetobacter baumannii	TOTAL	24	48		R	2	R	7	13	47	27		25	•	•		100 ⁸	19	-	23	74		27			72		-
PERCENT SUSCEPTIBLE OF TOP FIVE OR		(88)	(79) CT (70)	uun	/ rear	(42) ATE 6	DOM.	(88)	(88)	(88)	(80)	_	(55)	_	_	_	(57)	(88)	_	(75)	(39)	_	(55)	_	_	(54)	-	_
Escherichia coli	TOTAL	67	100			30	51	54	54	89	92		94	96	94	95	-	53	-		95		46					-
	70 TOTAL	(71) 83	(69)		R	(66)	(64)	(70)	(70)	(69) 67	(66)		(69)	(68) 74	(64) 74	(67) 74	95	(71) 63			(58) 84	_	(70) 57					\vdash
Klebsiella pneumoniae	52 TOTAL	(52)	(47)	Ĺ	R	(45)	(49) R	(S2) R	(S2)	(52)	(45)		(51)	(50)	(47)	(50)	(18)	(52)	_		(44)	_	(52) R	_	Ľ		Ĺ	L
Pseudomonas aeruginosa	22	(22)	(22)		K		×	×	(22)	(22)	(19)		(22)				100 (12)	(22)			(19)	-	R 60					. 85
Coagulase Negative Staphylococci	TOTAL 20	(20)										30 ⁸ (20)										100 (20)	(20)				25 (20)	(20
Acinetobacter baumannii	TOTAL 18	28 (18)	28 (18)		R	9 (11)	R	6 (18)	17 (18)	22 (18)	17 (18)		17 (18)				100 (11)	17 (18)		7 (15)	69 (16)		22 (18)			75 (18)		
PERCENT SUSCEPTIBLE OF TOP FIVE OR		S MOS	ST CO	MMON	I ISOL	ATE F	ROM	CEREE	ROSP.	INAL .	FLUID	(CSF)	8															
Cryptococcus neoformans	TOTAL 47								-		1	•	•	•	•	•	•	-	-	-	•	•	•	•		•		
Congulase Negative Staphylococci	TOTAL 6	67 (6)				1	1	1			1	17 (6)	1	•	1	1	1	1	-			100 (6)	67 (6)	-	1	1	33 (6)	(6)
Acinetobacter baumannii	TOTAL S	20 (5)	40 (5)	1	R		R	20 ⁸ (5)	20 (5)	40 (5)	20 (5)	1	20 (5)	1			100	20 (5)	-	20 (5)	75 (4)	•	80 (5)	-		100	1	
Streptococcus suis ^o	TOTAL S		•	100 (5)	•	1	1	100 (5)	*		*	*	1	1						(5)	1	100 (5)			1		0 (5)	
	TOTAL	75	100					67	50	75	75		100					50	-	100	100		100					1 -

- Data are from routine susceptibility result of Microbiology Laboratory of Khon Kaen Hospital
- A: Interprete according to cefavitin susceptibility test.
 B: MIC Interpretive Criteria.
 C: High-Level Aminoglycoside
- CORO : Collstin resistant Organism., MSSA: Methicillin susceptible Staphylococcus aureus., MRSA: Methicillin resistant Staphylococcus aureus., MRCo : Methicillin resistant Coaq. Neq. Staphylococcus aureus.

References
1. Clinical and La

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สอบถามข้อมูลเพิ่มเต็มที่ห้องปฏิบัติการจุลขีวริทยา กลุ่มงานเทคนิสการแททย์ โรงหยาบาลขอนแก่น ถ.ศรีจันทร์ ต. ในเมือง อ. เมือง จ.ขอนแก่น 40000 โทร. 043-336789 ต่อ3814

