



สรุปรายงานการทดสอบยาปฏิชีวนะของเชื้อแบคทีเรียก่อโรค
(Antimicrobial susceptibility testing : Anti-Biogram)

โรงพยาบาลสอยดาว

ประจำปีงบประมาณ 2564

(ตุลาคม พ.ศ. 2563 – กันยายน พ.ศ. 2564)

All Specimen

Percentage of susceptible Organisms Isolated From All Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS											CARBAPENEMS				P	QUINOLONES				A			G	MISCELLANEOUS						
			Penicillin	Ampicillin	Amoxicillin - Clavulanate		Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline
<i>Acinetobacter baumannii</i>	49	%S				30.6			6.1	24.5	6.3				30.6	30.6			30.2	28.9			46.9	37.5						31.0		28.1	
		Total drug test (n)				(49)			(49)	(49)	(48)					(49)	(49)			(43)	(45)			(49)	(48)					(29)		(32)	
		S				15			3	12	3					15	15			13	13			23	18					9		9	
<i>Acinetobacter junii</i>	2	%S				100			50.0	100	50.0				100	100			100	100			100	0.0						50.0		100	
		Total drug test (n)				(2)			(2)	(2)	(2)					(2)	(2)			(2)	(2)			(2)	(2)					(2)		(2)	
		S				2			1	2	1					2	2			2	2			2	0					1		2	
<i>Acinetobacter nosocomialis</i>	3	%S				66.7			0.0	0.0	0.0				33.3	33.3			66.7	66.7			100	66.7						33.3		50.0	
		Total drug test (n)				(3)			(3)	(2)	(3)					(3)	(3)			(3)	(3)			(3)	(3)					(3)		(2)	
		S				2			0	0	0					1	1			2	2			3	2					1		1	
<i>Acinetobacter pittii</i>	2	%S				100			0.0	0.0	0.0				100	100			100	100			100	100						100		100	
		Total drug test (n)				(2)			(2)	(2)	(2)					(2)	(2)			(2)	(2)			(2)	(2)					(2)		(1)	
		S				2			0	0	0					2	2			2	2			2	2					2		1	
<i>Acinetobacter spp.</i>	6	%S				100			60.0	60.0	66.7				83.3	83.3			100	100			100	83.3						66.7		100	
		Total drug test (n)				(6)			(5)	(5)	(6)					(6)	(6)			(5)	(4)			(6)	(6)					(3)		(4)	
		S				6			3	3	4					5	5			5	4			6	5					2		4	
<i>Aeromonas caviae</i>	1	%S			0.0	100			100	100	100		0.0		100		100			100	100			100	100					100			
		Total drug test (n)			(1)	(1)			(1)	(1)	(1)		(1)		(1)		(1)			(1)	(1)			(1)	(1)					(1)			
		S			0	1			1	1	1		0		1		1			1	1			1	1					1			
<i>Aeromonas hydrophila</i>	4	%S			0.0	100			100	100	100		50.0		100	100	100			75.0	100			100	66.7					100			
		Total drug test (n)			(3)	(3)			(4)	(4)	(4)		(4)		(3)	(3)	(3)			(4)	(4)			(3)	(3)					(4)			
		S			0	3			4	4	4		2		3	3	3			3	4			3	2					4			
<i>Alcaligenes faecalis</i>	1	%S				100			100	100	100	100				100	100			0.0			100	100	100					100			
		Total drug test (n)				(1)			(1)	(1)	(1)	(1)				(1)	(1)			(1)			(1)	(1)	(1)					(1)			
		S				1			1	1	1	1				1	1			0			1	1	1					1			

Percentage of susceptible Organisms Isolated From All Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS											CARBAPENEMS				P	QUINOLONES				A			G	MISCELLANEOUS							
			Penicillin	Ampicillin	Amoxicillin - Clavulanate		Piperacillin - Tazobactam		Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline
<i>Burkholderia pseudomallei</i>	2	%S			100					100						100															100			
		Total drug test (n)			(2)					(2)							(2)														(2)			
		S			2					2						2															2			
<i>Citrobacter freundii</i>	4	%S		0.0	50.0	100				100	100	100		0.0		100	100	100			100	100	100	100	100	100	100					100		100
		Total drug test (n)		(4)	(4)	(4)				(4)	(4)	(4)		(4)		(4)	(4)	(4)			(3)	(3)	(1)	(1)	(4)	(4)	(1)					(3)		(3)
		S		0	2	4				4	4	4		0		4	4	4			3	3	1	1	4	4	1					3		3
<i>Citrobacter koseri</i>	7	%S		0.0	100	100		80.0	83.3	100	83.3		100		100	100	100			100	100	100		100	85.7	100					100		60.0	
		Total drug test (n)		(7)	(7)	(7)		(5)	(6)	(7)	(6)		(7)		(7)	(7)	(7)			(7)	(7)	(2)		(7)	(7)	(5)					(4)		(5)	
		S		0	7	7		4	5	7	5		7		7	7	7			7	7	2		7	6	5					4		3	
<i>Comamonas aquatica</i>	1	%S				100				100	100	100	100				100	100			100	100			100	100	100					100		
		Total drug test (n)				(1)				(1)	(1)	(1)	(1)				(1)	(1)			(1)	(1)			(1)	(1)	(1)					(1)		
		S				1				1	1	1	1				1	1			1	1			1	1	1					1		
<i>Comamonas terrigena</i>	1	%S				0.0				0.0	0.0	0.0	0.0				100	100			100	100			100	100	100					100		
		Total drug test (n)				(1)				(1)	(1)	(1)	(1)				(1)	(1)			(1)	(1)			(1)	(1)	(1)					(1)		
		S				0				0	0	0	0				1	1			1	1			1	1	1					1		
<i>Enterobacter cloacae</i>	16	%S		0.0	0.0	87.5		71.4	81.3	81.3	80.0		0.0			93.8	93.8	100			92.9	93.3	100	66.7	100	100	100					80.0		77.8
		Total drug test (n)		(16)	(16)	(16)		(7)	(16)	(16)	(15)		(16)			(16)	(16)	(16)			(14)	(15)	(2)	(3)	(16)	(16)	(7)					(10)		(9)
		S		0	0	14		5	13	13	12		0			15	15	16			13	14	2	2	16	16	7					8		7
<i>Enterobacter cloacae complex</i>	8	%S		0.0	0.0	100		80.0	87.5	87.5	87.5		0.0			100	100	100			100	100		100	100	100	100					75.0		42.9
		Total drug test (n)		(8)	(8)	(8)		(5)	(8)	(8)	(8)		(8)			(8)	(7)	(8)			(7)	(8)		(3)	(8)	(8)	(5)					(8)		(7)
		S		0	0	8		4	7	7	7		0			8	7	8			7	8		3	8	8	5					6		3
<i>Enterobacter gallinarum</i>	2	%S	100	100																	100	100	100					100		100	100		0.0	
		Total drug test (n)	(2)	(2)																	(2)	(2)	(2)					(2)		(2)	(2)		(2)	
		S	2	2																	2	2	2					2		2	2		0	

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			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline
<i>Enterococcus faecalis</i>	43	%S	41.9	83.7															29.3	33.3	22.2					97.7		44.4	60.0		7.0	16.1	
		Total drug test (n)	(43)	(43)																(41)	(42)	(36)					(43)	(9)	(10)		(43)	(31)	
		S	18	36																12	14	8					42	4	6		3	5	
<i>Enterococcus faecium</i>	15	%S	0.0	0.0															0.0	0.0	0.0					100					6.7	33.3	
		Total drug test (n)	(15)	(15)																(14)	(14)	(15)					(15)				(15)	(12)	
		S	0	0																0	0	0					15				1	4	
<i>Enterococcus gallinarum</i>	1	%S	0.0	100															0.0	0.0	0.0					100	100	100		0.0			
		Total drug test (n)	(1)	(1)																(1)	(1)	(1)					(1)	(1)	(1)		(1)		
		S	0	1																0	0	0					1	1	1		0		
<i>Escherichia coli</i>	215	%S		12.1	82.3	98.1		59.4	58.6	65.6	58.8		92.6		100	100	100		50.3	49.5	39.5	59.3	99.1	70.7	95.9					39.0		31.3	
		Total drug test (n)		(215)	(215)	(215)		(106)	(215)	(215)	(204)		(215)		(214)	(202)	(215)			(197)	(204)	(124)	(59)	(215)	(215)	(123)					(154)		(166)
		S		26	177	211		63	126	141	120		199		214	202	215			99	101	49	35	213	152	118					60		52
<i>Haemophilus influenzae</i>	2	%S		100	100						100								100										100	50.0	100		
		Total drug test (n)		(2)	(2)						(2)									(2)										(2)	(2)	(2)	
		S		2	2						2									2									2	1	2		
<i>Janibacter indicus</i>	1	%S	0.0																100				100		100	100	100	100	100	100	100		
		Total drug test (n)	(1)																	(1)				(1)		(1)	(1)	(1)	(1)	(1)	(1)	(1)	
		S	0																	1				1		1	1	1	1	1	1	1	
<i>Kerstersia spp.</i>	1	%S				100			100	100	100	100			100	100			0.0	100			100	100	100					100			
		Total drug test (n)				(1)			(1)	(1)	(1)	(1)			(1)	(1)			(1)	(1)			(1)	(1)	(1)					(1)			
		S				1			1	1	1	1			1	1			0	1			1	1	1					1			
<i>Klebsiella aerogenes</i>	1	%S		0.0	0.0	100			0.0	0.0	0.0		0.0		100	100	100		0.0	0.0			100	0.0	100								
		Total drug test (n)		(1)	(1)	(1)			(1)	(1)	(1)		(1)		(1)	(1)	(1)			(1)	(1)			(1)	(1)	(1)							
		S		0	0	1			0	0	0		0		1	1	1			0	0			1	0	1							

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			Penicillin	Ampicillin	Amoxicillin - Clavulanate		Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline
<i>Klebsiella oxytoca</i>	2	%S		0.0	100	100		100	100	100	100		100		100	100	100			100	100	100	100	100	100	100					100		100
		Total drug test (n)		(2)	(2)	(2)		(1)	(2)	(2)	(2)		(2)		(2)	(2)	(2)			(2)	(2)	(2)	(1)	(2)	(2)	(1)					(2)		(1)
		S		0	2	2		1	2	2	2		2		2	2	2			2	2	2	1	2	2	1					2		1
<i>Klebsiella pneumoniae</i>	112	%S		0.9	62.5	71.4		61.5	59.8	60.7	59.1		75.9		85.7	85.6	85.7			63.8	68.5	44.0	67.6	87.5	78.6	81.7					59.1		53.3
		Total drug test (n)		(112)	(112)	(112)		(52)	(112)	(112)	(110)		(112)		(112)	(111)	(112)			(105)	(111)	(25)	(34)	(112)	(112)	(60)					(88)		(90)
		S		1	70	80		32	67	68	65		85		96	95	96			67	76	11	23	98	88	49					52		48
<i>Lactococcus garvieae</i>	1	%S	100							100						100											100	0.0	100			100	
		Total drug test (n)	(1)								(1)						(1)										(1)	(1)	(1)			(1)	
		S	1								1						1										1	0	1			1	
<i>Morganella morganii</i>	5	%S		20.0	0.0	100		100	100	100	100		0.0		100	80.0	100			100	100	100	100	100	80.0	100					66.7		33.3
		Total drug test (n)		(5)	(5)	(5)		(2)	(5)	(5)	(5)		(5)		(5)	(5)	(5)			(4)	(4)	(3)	(1)	(5)	(5)	(2)					(3)		(3)
		S		1	0	5		2	5	5	5		0		5	4	5			4	4	3	1	5	4	2					2		1
<i>Pluralibacter gergoviae</i>	1	%S		100	100	100		100	100	100	100		100		100	100	100			100	100			100	100	100							100
		Total drug test (n)		(1)	(1)	(1)		(1)	(1)	(1)	(1)		(1)		(1)	(1)	(1)			(1)	(1)			(1)	(1)	(1)							(1)
		S		1	1	1		1	1	1	1		1		1	1	1			1	1			1	1	1							1
<i>Proteus hauseri</i>	3	%S		0.0	100	100		66.7	66.7	100	50.0		100		100	100	100			100	100	100	100	100	100	100					100		33.3
		Total drug test (n)		(3)	(3)	(3)		(3)	(3)	(3)	(2)		(3)		(3)	(3)	(3)			(3)	(3)	(2)	(1)	(3)	(3)	(3)					(1)		(3)
		S		0	3	3		2	2	3	1		3		3	3	3			3	3	2	1	3	3	3					1		1
<i>Proteus mirabilis</i>	26	%S		50.0	84.6	96.0		84.6	80.0	92.3	80.0		92.3		96.2	95.8	96.2			65.2	80.0	75.0	85.7	96.2	65.4	76.5					57.1		10.0
		Total drug test (n)		(26)	(26)	(25)		(13)	(25)	(26)	(25)		(26)		(26)	(24)	(26)			(23)	(25)	(8)	(7)	(26)	(26)	(17)					(21)		(20)
		S		13	22	24		11	20	24	20		24		25	23	25			15	20	6	6	25	17	13					12		2
<i>Proteus vulgaris</i>	1	%S		0.0	100	100		100	100	100	100		100		100	100	100			100	100	100	100	100	100	100					0.0		0.0
		Total drug test (n)		(1)	(1)	(1)		(1)	(1)	(1)	(1)		(1)		(1)	(1)	(1)			(1)	(1)	(1)	(1)	(1)	(1)	(1)					(1)		(1)
		S		0	1	1		1	1	1	1		1		1	1	1			1	1	1	1	1	1	1					0		0

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			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	
<i>Providencia rettgeri</i>	2	%S		50.0	0.0	100		100	100	100		100		100	100	100			100	100		100	100	100	100					100		100		
		Total drug test (n)		(2)	(2)	(2)		(1)	(2)	(2)	(2)		(2)		(2)	(2)	(2)			(1)	(1)		(1)	(2)	(2)	(1)					(1)		(1)	
		S		1	0	2		1	2	2	2		2		2	2	2			1	1		1	2	2	1					1		1	
<i>Providencia stuartii</i>	2	%S		0.0	0.0	100		100	100	100		50.0		100	100	100			100	100	100	100	100	50.0	100					100		0.0		
		Total drug test (n)		(2)	(2)	(2)		(2)	(2)	(2)	(2)		(2)		(2)	(2)	(2)			(2)	(2)	(1)	(1)	(2)	(2)	(2)					(2)		(2)	
		S		0	0	2		2	2	2	2		1		2	2	2			2	2	1	1	2	1	2					2		0	
<i>Pseudomonas aeruginosa</i>	49	%S				95.8				93.8				89.4	91.7				95.6	93.5	71.4	100	95.9	93.9	95.8									
		Total drug test (n)				(48)				(48)					(47)	(48)				(45)	(46)	(7)	(13)	(49)	(49)	(24)								
		S				46				45					42	44				43	43	5	13	47	46	23								
<i>Pseudomonas guariconensis</i>	1	%S				0.0		0.0	100	0.0	100				100	100			100	100			100	100	100					100				
		Total drug test (n)				(1)		(1)	(1)	(1)	(1)				(1)	(1)				(1)	(1)			(1)	(1)	(1)					(1)			
		S				0		0	1	0	1				1	1				1	1			1	1	1					1			
<i>Pseudomonas oryzihabitans</i>	1	%S				100			100	100	100	100			100	100			0.0				100	100	100					100				
		Total drug test (n)				(1)			(1)	(1)	(1)	(1)			(1)	(1)				(1)				(1)	(1)	(1)					(1)			
		S				1			1	1	1	1			1	1				0				1	1	1					1			
<i>Pseudomonas putida</i>	4	%S				25.0			25.0	25.0	25.0	25.0				25.0	100			25.0	100			100	50.0	100					25.0			
		Total drug test (n)				(4)			(4)	(4)	(4)	(4)				(4)	(1)			(4)	(1)			(4)	(4)	(4)					(4)			
		S				1			1	1	1	1			1	1				1	1			4	2	4					1			
<i>Pseudomonas stutzeri</i>	2	%S				100			100	100	100	100				100	100			100	100			100	100	100					100			
		Total drug test (n)				(2)			(2)	(2)	(2)	(2)				(2)	(2)				(2)	(2)			(2)	(2)	(2)					(2)		
		S				2			2	2	2	2				2	2				2	2			2	2	2					2		
<i>Salmonella group A</i>	1	%S		100					100	100	100								0.0												100			
		Total drug test (n)		(1)					(1)	(1)	(1)									(1)											(1)			
		S		1					1	1	1									0											1			

Percentage of susceptible Organisms Isolated From All Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS											CARBAPENEMS				P	QUINOLONES				A			G	MISCELLANEOUS						
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline
Salmonella group B	4	%S		100	100	100			100	100	100				100	100	100			100										100		100	
		Total drug test (n)		(4)	(2)	(2)			(2)	(2)	(2)				(2)	(2)	(2)			(2)										(4)		(2)	
		S		4	2	2			2	2	2				2	2	2			2										4		2	
Salmonella group C	2	%S		50.0					100	100	100								100											100			
		Total drug test (n)		(2)					(1)	(1)	(1)									(2)										(2)			
		S		1					1	1	1									2										2			
Salmonella group D	2	%S		100					100	100	100																			100			
		Total drug test (n)		(2)					(2)	(2)	(1)																			(2)			
		S		2					2	2	1																			2			
Serratia marcescens	6	%S		16.7	16.7	100		50.0	83.3	83.3	83.3		16.7		100	100	100			100	100	100	100	100	100					100		20.0	
		Total drug test (n)		(6)	(6)	(6)		(2)	(6)	(6)	(6)		(6)		(6)	(6)	(6)			(5)	(6)	(1)	(2)	(6)	(6)	(2)				(6)		(5)	
		S		1	1	6		1	5	5	5		1		6	6	6			5	6	1	2	6	6	2				6		1	
Staphylococcus argenteus	1	%S	0.0										100						100					100			100	100	100	100	0.0	0.0	
		Total drug test (n)	(1)											(1)						(1)				(1)			(1)	(1)	(1)	(1)	(1)	(1)	
		S	0											1						1				1			1	1	1	1	0	0	
Staphylococcus aureus	52	%S	9.6										90.4						97.9			92.9	94.2				74.5	72.5	96.1	95.7	59.6	65.1	
		Total drug test (n)	(52)											(52)						(48)			(14)	(52)			(51)	(51)	(51)	(47)	(52)	(43)	
		S	5											47						47			13	49			38	37	49	45	31	28	
Staphylococcus capitis	1	%S	0.0										0.0										0.0				0.0	0.0	0.0	100	100		
		Total drug test (n)	(1)											(1)									(1)			(1)	(1)	(1)	(1)	(1)	(1)	(1)	
		S	0											0									0			0	0	0	1	1			
Staphylococcus caprae	1	%S	0.0										100						100					100			100	100	100		100		
		Total drug test (n)	(1)											(1)						(1)				(1)			(1)	(1)	(1)		(1)		
		S	0											1						1				1			1	1	1		1		

Percentage of susceptible Organisms Isolated From All Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS				P	QUINOLONES				A			G	MISCELLANEOUS						
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline
<i>Staphylococcus coagulase negative</i>	3	%S	33.3									66.7							100					100			66.7	33.3	66.7	100	66.7	66.7
		Total drug test (n)	(3)									(3)							(3)					(3)			(3)	(3)	(3)	(3)	(3)	(3)
		S	1									2							3					3			2	1	2	3	2	2
<i>Staphylococcus epidermidis</i>	10	%S	10.0									50.0							77.8					60.0			80.0	40.0	80.0	62.5	30.0	50.0
		Total drug test (n)	(10)									(10)							(9)					(10)			(10)	(10)	(10)	(8)	(10)	(8)
		S	1									5							7					6			8	4	8	5	3	4
<i>Staphylococcus haemolyticus</i>	14	%S	14.3									57.1							58.3			66.7		42.9			64.3	42.9	85.7	78.6	50.0	45.5
		Total drug test (n)	(14)									(14)							(12)			(3)		(14)			(14)	(14)	(14)	(14)	(14)	(11)
		S	2									8							7			2		6			9	6	12	11	7	5
<i>Staphylococcus hominis</i>	10	%S	20.0									40.0							70.0					80.0			50.0	50.0	90.0	37.5	50.0	66.7
		Total drug test (n)	(10)									(10)							(10)					(10)			(10)	(10)	(10)	(8)	(10)	(9)
		S	2									4							7					8			5	5	9	3	5	6
<i>Staphylococcus saprophyticus</i>	2	%S	100									100							100		100	100		100			100	100	100	100	100	100
		Total drug test (n)	(2)									(2)							(2)		(1)	(1)		(2)			(1)	(1)	(1)	(2)	(2)	(2)
		S	2									2							2		1	1		2			1	1	1	2	2	2
<i>Stenotrophomonas maltophilia</i>	11	%S																	90.9												90.9	
		Total drug test (n)																	(11)												(11)	
		S																	10												10	
<i>Streptococcus agalactiae</i>	12	%S	91.7	100					91.7		91.7								91.7		100				100	87.5	100	100			16.7	
		Total drug test (n)	(12)	(12)					(12)		(12)								(12)		(2)				(12)	(8)	(8)	(8)			(12)	
		S	11	12					11		11								11		2				12	7	8	8			2	
<i>Streptococcus anginosus</i>	1	%S							100		100								100		100				100	100	100	100			100	
		Total drug test (n)							(1)		(1)								(1)		(1)				(1)	(1)	(1)	(1)			(1)	
		S							1		1								1		1				1	1	1	1			1	

Percentage of susceptible Organisms Isolated From All Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS											CARBAPENEMS				P	QUINOLONES				A			G	MISCELLANEOUS						
			Penicillin	Ampicillin	Amoxicillin - Clavulanate		Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline
<i>Streptococcus constellatus</i>	1	%S							100		100										100						100	100	100	100		0.0	
		Total drug test (n)							(1)		(1)										(1)						(1)	(1)	(1)	(1)		(1)	
		S							1		1										1						1	1	1	1		0	
<i>Streptococcus gallolyticus</i>	2	%S	100	100					100		100										100						100	50.0	100	100		50.0	
		Total drug test (n)	(1)	(1)					(2)		(2)										(1)						(2)	(2)	(2)	(2)		(2)	
		S	1	1					2		2										1						2	1	2	2		1	
<i>Streptococcus gordonii</i>	1	%S							100		100										100						100	100	100	100		0.0	
		Total drug test (n)							(1)		(1)										(1)						(1)	(1)	(1)	(1)		(1)	
		S							1		1										1						1	1	1	1		0	
<i>Streptococcus oralis</i>	2	%S							100		100												100				100	100	50.0	100		50.0	
		Total drug test (n)							(2)		(2)												(1)				(2)	(2)	(2)	(2)		(2)	
		S							2		2												1				2	2	1	2		1	
<i>Streptococcus pneumoniae</i>	1	%S	0.0																		100						100	0.0	0.0	100	0.0	0.0	100
		Total drug test (n)	(1)																		(1)						(1)	(1)	(1)	(1)	(1)	(1)	(1)
		S	0																		1						1	0	0	1	0	0	1
<i>Streptococcus pyogenes</i>	27	%S	100	100					100		100										100		100				100	96.3	92.6	96.3		29.6	
		Total drug test (n)	(27)	(27)					(27)		(25)										(27)		(5)				(27)	(27)	(27)	(27)		(27)	
		S	27	27					27		25										27		5				27	26	25	26		8	
<i>Streptococcus sanguinis</i>	1	%S							100		100										100						100	100	100	100		100	
		Total drug test (n)							(1)		(1)										(1)						(1)	(1)	(1)	(1)		(1)	
		S							1		1										1						1	1	1	1		1	
<i>Streptococcus spp. Viridans Group</i>	1	%S							100		100										100						100	100	100	100		100	
		Total drug test (n)							(1)		(1)										(1)						(1)	(1)	(1)	(1)		(1)	
		S							1		1										1						1	1	1	1		1	

Percentage of susceptible Organisms Isolated From All Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS				P	QUINOLONES				A			G	MISCELLANEOUS						
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline
<i>Streptococcus suis</i>	2	%S						100		100									100													
		Total drug test (n)						(2)		(2)									(2)													
		S						2		2									2													
<i>Vibrio parahaemolyticus</i>	4	%S			100			100	100			100							100	100												
		Total drug test (n)			(4)			(4)	(4)			(4)							(4)	(4)												
		S			4			4	4			4							4	4												

First Isolate :	เชื้อที่แยกหรือเพาะได้ ตัวแรกของสปีชีส์เดียวกันในช่วงเวลาที่กำหนดการ วิเคราะห์ข้อมูล โดยไม่คำนึงถึงชนิดของตัวอย่างหรือตำแหน่งที่เก็บตัวอย่าง	P : POLY MYXINS G : GLYCOPEPTIDES A : AMINOGLYCOSIDES % susceptible =	Data : calculate from First isolation * Norfloxacin for Urine sample only				
%S :	เปอร์เซ็นต์ของจำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S						
Total drug test (n) :	จำนวนเชื้อทั้งหมดที่นำไปทดสอบความไวในยาแต่ละชนิด						
S :	จำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S						
Total First Isolate :	จำนวน First Isolations ของเชื้อทั้งหมดที่แยกได้จากตัวอย่าง						
			≥90	80-89	70-79	50-69	<50

Blood specimen

Percentage of susceptible Organisms Isolated From Blood Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS											CARBAPENEMS				P	QUINOLONES				A			G	MISCELLANEOUS						
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline
<i>Acinetobacter baumannii</i>	4	%S				75.0			0.0	75.0	0.0					75.0	75.0			50.0	50.0			75.0	75.0						33.3		50.0
		Total drug test (n)							(4)	(4)	(4)					(4)	(4)			(4)	(4)			(4)	(4)						(3)		(2)
		S			3			0	3	0					3	3			2	2			3	3						1		1	
<i>Acinetobacter spp.</i>	1	%S				100			100	100	100					100	100			100			100	100	100						100		100
		Total drug test (n)				(1)			(1)	(1)	(1)					(1)	(1)			(1)			(1)	(1)	(1)						(1)		(1)
		S			1			1	1	1					1	1			1				1	1	1					1		1	
<i>Aeromonas hydrophila</i>	2	%S			0.0	100			100	100	100		50.0		100	100	100			50.0	100			100	100						100		
		Total drug test (n)			(1)	(1)			(2)	(2)	(2)		(2)		(1)	(1)	(1)			(2)	(2)			(1)	(1)						(2)		
		S			0	1			2	2	2		1		1	1	1			1	2			1	1						2		
<i>Burkholderia pseudomallei</i>	1	%S			100				100						100																100		
		Total drug test (n)			(1)					(1)					(1)																(1)		
		S			1					1					1																1		
<i>Comamonas terrigena</i>	1	%S				0.0			0.0	0.0	0.0	0.0				100	100			100	100			100	100	100					100		
		Total drug test (n)				(1)			(1)	(1)	(1)	(1)				(1)	(1)			(1)	(1)			(1)	(1)	(1)					(1)		
		S			0			0	0	0	0				1	1			1	1			1	1	1						1		
<i>Enterobacter gallinarum</i>	2	%S	100	100															100	100	100					100					100		0.0
		Total drug test (n)	(2)	(2)																(2)	(2)	(2)					(2)		(2)	(2)		(2)	
		S	2	2																2	2	2					2		2	2		0	
<i>Escherichia coli</i>	30	%S		6.7	86.7	100		63.6	56.7	63.3	57.1		90.0		100	100	100			46.7	44.8		75.0	96.7	80.0	100					23.8		32.0
		Total drug test (n)		(30)	(30)	(30)		(11)	(30)	(30)	(28)		(30)		(29)	(30)	(30)			(30)	(29)		(4)	(30)	(30)	(13)					(21)		(25)
		S		2	26	30		7	17	19	16		27		29	30	30			14	13		3	29	24	13					5		8

Percentage of susceptible Organisms Isolated From Blood Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS											CARBAPENEMS			P	QUINOLONES				A			G	MISCELLANEOUS						
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline
Janibacter indicus	1	%S	0.0																100					100		100	100	100		100	100	
		Total drug test (n)	(1)																(1)					(1)		(1)	(1)	(1)		(1)	(1)	
		S	0																1					1		1	1	1		1	1	
Klebsiella pneumoniae	7	%S		0.0	100	100			85.7	85.7	85.7		100		100	100	100		66.7	85.7			100	85.7						83.3		80.0
		Total drug test (n)	(7)	(7)	(7)			(7)	(7)	(7)		(7)		(7)	(7)	(7)		(6)	(7)			(7)	(7)						(6)		(5)	
		S	0	7	7			6	6	6		7		7	7	7		4	6			7	6						5		4	
Proteus mirabilis	2	%S		100	100	100			100	100	100		100		100	100	100		100	100			100	100	100					0.0		0.0
		Total drug test (n)	(2)	(2)	(2)			(2)	(2)	(2)		(2)		(2)	(2)	(2)		(2)	(2)			(2)	(2)	(1)					(1)		(1)	
		S	2	2	2			2	2	2		2		2	2	2		2	2			2	2	1					0		0	
Pseudomonas aeruginosa	1	%S				100				100					100	100			100	100			100	100	100							
		Total drug test (n)				(1)				(1)					(1)	(1)			(1)	(1)			(1)	(1)	(1)							
		S				1				1					1	1			1	1			1	1	1							
Salmonella group A	1	%S		100					100	100	100								0.0											100		
		Total drug test (n)		(1)					(1)	(1)	(1)								(1)											(1)		
		S		1					1	1	1								0											1		
Salmonella group B	2	%S		100	100	100		100	100	100	100				100	100	100		100											100		100
		Total drug test (n)		(2)	(1)	(1)		(1)	(2)	(2)	(2)				(1)	(1)	(1)		(1)											(2)		(1)
		S		2	1	1		1	2	2	2				1	1	1		1											2		1
Salmonella group D	2	%S		100					100	100	100																			100		
		Total drug test (n)		(2)					(2)	(2)	(1)																			(2)		
		S		2					2	2	1																				2	

Percentage of susceptible Organisms Isolated From Blood Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS				P	QUINOLONES				A			G	MISCELLANEOUS					
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole
<i>Staphylococcus argenteus</i>	1	%S	0.0									100						100					100			100	100	100	100	0.0	0.0
		Total drug test (n)	(1)										(1)						(1)				(1)			(1)	(1)	(1)	(1)	(1)	(1)
		S	0										1						1				1			1	1	1	1	0	0
<i>Staphylococcus aureus</i>	4	%S	25.0									100						100			100		50.0			75.0	75.0	75.0	100	50.0	50.0
		Total drug test (n)	(4)										(4)						(4)		(2)		(4)			(4)	(4)	(4)	(4)	(4)	(4)
		S	1										4						4		2		2			3	3	3	4	2	2
<i>Staphylococcus capitis</i>	1	%S	0.0									0.0											0.0			0.0	0.0	0.0	100	100	
		Total drug test (n)	(1)										(1)										(1)			(1)	(1)	(1)	(1)	(1)	
		S	0										0										0			0	0	0	1	1	
<i>Staphylococcus caprae</i>	1	%S	0.0									100						100					100			100	100	100		100	
		Total drug test (n)	(1)										(1)						(1)				(1)			(1)	(1)	(1)		(1)	
		S	0										1						1				1			1	1	1		1	
<i>Staphylococcus coagulase negative</i>	3	%S	33.3									66.7						100					100			66.7	33.3	66.7	100	66.7	66.7
		Total drug test (n)	(3)										(3)						(3)				(3)			(3)	(3)	(3)	(3)	(3)	(3)
		S	1										2						3				3			2	1	2	3	2	2
<i>Staphylococcus epidermidis</i>	3	%S	33.3									33.3						66.7					66.7			100	66.7	66.7	33.3	66.7	66.7
		Total drug test (n)	(3)										(3)						(3)				(3)			(3)	(3)	(3)	(3)	(3)	(3)
		S	1										1						2				2			3	2	2	1	2	2
<i>Staphylococcus haemolyticus</i>	8	%S	25.0									50.0						50.0					25.0			62.5	50.0	100	62.5	50.0	50.0
		Total drug test (n)	(8)										(8)						(6)				(8)			(8)	(8)	(8)	(8)	(8)	(6)
		S	2										4						3				2			5	4	8	5	4	3

Percentage of susceptible Organisms Isolated From Blood Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS				P	QUINOLONES				A			G	MISCELLANEOUS							
			Penicillin	Ampicillin	Amoxicillin - Clavulanate		Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline
<i>Staphylococcus hominis</i>	8	%S	25.0										50.0							75.0					100			62.5	62.5	100	50.0	62.5	85.7
		Total drug test (n)	(8)										(8)							(8)					(8)			(8)	(8)	(8)	(6)	(8)	(7)
		S	2										4							6					8			5	5	8	3	5	6
<i>Staphylococcus saprophyticus</i>	1	%S	100										100							100					100			100	100	100	100	100	100
		Total drug test (n)	(1)										(1)							(1)					(1)			(1)	(1)	(1)	(1)	(1)	(1)
		S	1										1							1					1			1	1	1	1	1	1
<i>Streptococcus agalactiae</i>	4	%S	100	100					100		100									100						100	100	100	100			50.0	
		Total drug test (n)	(4)	(4)					(4)		(4)									(4)						(4)	(4)	(4)	(4)			(4)	
		S	4	4					4		4									4						4	4	4	4			2	
<i>Streptococcus anginosus</i>	1	%S							100		100									100		100				100	100	100	100			100	
		Total drug test (n)							(1)		(1)									(1)		(1)				(1)	(1)	(1)	(1)			(1)	
		S							1		1									1		1				1	1	1	1			1	
<i>Streptococcus constellatus</i>	1	%S							100		100									100						100	100	100	100			0.0	
		Total drug test (n)							(1)		(1)									(1)						(1)	(1)	(1)	(1)			(1)	
		S							1		1									1						1	1	1	1			0	
<i>Streptococcus gallolyticus</i>	2	%S	100	100					100		100									100						100	50.0	100	100			50.0	
		Total drug test (n)	(1)	(1)					(2)		(2)									(1)						(2)	(2)	(2)	(2)			(2)	
		S	1	1					2		2									1						2	1	2	2			1	
<i>Streptococcus gordonii</i>	1	%S							100		100									100						100	100	100	100			0.0	
		Total drug test (n)							(1)		(1)									(1)						(1)	(1)	(1)	(1)			(1)	
		S							1		1									1						1	1	1	1			0	

Percentage of susceptible Organisms Isolated From Blood Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS											CARBAPENEMS			P	QUINOLONES				A			G	MISCELLANEOUS						
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline
<i>Streptococcus oralis</i>	1	%S						100		100												100				100	100	100	100		100	
		Total drug test (n)						(1)		(1)												(1)				(1)	(1)	(1)	(1)		(1)	
		S						1		1												1				1	1	1	1		1	
<i>Streptococcus pyogenes</i>	13	%S	100	100				100		100										100						100	100	92.3	100		23.1	
		Total drug test (n)	(13)	(13)				(13)		(11)										(13)						(13)	(13)	(13)	(13)		(13)	
		S	13	13				13		11										13						13	13	12	13		3	
<i>Streptococcus sanguinis</i>	1	%S						100		100										100						100	100	100	100		100	
		Total drug test (n)						(1)		(1)										(1)						(1)	(1)	(1)	(1)		(1)	
		S						1		1										1						1	1	1	1		1	
<i>Streptococcus suis</i>	2	%S						100		100										100						100	0.0	0.0	100		0.0	
		Total drug test (n)						(2)		(2)										(2)						(2)	(2)	(2)	(2)		(2)	
		S						2		2										2						2	0	0	2		0	

First Isolate : เชื้อที่แยกหรือเพาะได้ ตัวแรกของสปีชีส์เดียวกันในช่วงเวลาที่กำหนดการ วิเคราะห์ข้อมูล โดยไม่คำนึงถึงชนิดของตัวอย่างหรือตำแหน่งที่เก็บตัวอย่าง
%S : เปอร์เซนต์ของจำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S
Total drug test (n) : จำนวนเชื้อทั้งหมดที่นำไปทดสอบความไวในยาแต่ละชนิด
S : จำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S
Total First Isolate : จำนวน First Isolations ของเชื้อทั้งหมดที่แยกได้จากตัวอย่าง

P : POLY MYXINS	Data : calculate from First isolation				
G : GLYCOPEPTIDES	* Norfloxacin for Urine sample only				
A : AMINOGLYCOSIDES					
% susceptible =	≥90	80-89	70-79	50-69	<50

Fluid Specimen

Percentage of susceptible Organisms Isolated From Fluid Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS		P	QUINOLONES				A		G	MISCELLANEOUS									
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline
<i>Aeromonas hydrophila</i>	1	%S Total drug test (n) S			0.0 (1) 0	100 (1) 1			100 (1) 1	100 (1) 1	100 (1) 1		0.0 (1) 0		100 (1) 1	100 (1) 1	100 (1) 1		100 (1) 1	100 (1) 1			100 (1) 1	0.0 (1) 0						100 (1) 1		
<i>Enterococcus gallinarum</i>	1	%S Total drug test (n) S	0.0 (1) 0	100 (1) 1															0.0 (1) 0	0.0 (1) 0	0.0 (1) 0				100 (1) 1		100 (1) 1	100 (1) 1			0.0 (1) 0	
<i>Escherichia coli</i>	5	%S Total drug test (n) S		20.0 (5) 1	60.0 (5) 3	100 (5) 5		50.0 (2) 1	60.0 (5) 3	60.0 (5) 3	60.0 (5) 3		80.0 (5) 4		100 (5) 5	100 (5) 5	100 (5) 5		80.0 (5) 4	80.0 (5) 4			100 (5) 5	80.0 (5) 4	100 (3) 3							
<i>Klebsiella pneumoniae</i>	2	%S Total drug test (n) S		0.0 (2) 0	100 (2) 2	100 (2) 2			100 (2) 2	100 (2) 2	100 (2) 2		100 (2) 2		100 (2) 2	100 (2) 2	100 (2) 2		100 (2) 2	100 (2) 2			100 (2) 2	100 (2) 2								
<i>Staphylococcus aureus</i>	1	%S Total drug test (n) S	0.0 (1) 0									0.0 (1) 0							0.0 (1) 0			0.0 (1) 0		100 (1) 1			100 (1) 1	100 (1) 1	100 (1) 1	100 (1) 1	100 (1) 1	100 (1) 1
<i>Staphylococcus haemolyticus</i>	1	%S Total drug test (n) S	0.0 (1) 0									0.0 (1) 0							0.0 (1) 0				0.0 (1) 0				100 (1) 1	0.0 (1) 0	100 (1) 1	100 (1) 1	100 (1) 1	100 (1) 1
<i>Streptococcus gordonii</i>	1	%S Total drug test (n) S						100 (1) 1		100 (1) 1										100 (1) 1					100 (1) 1	100 (1) 1	100 (1) 1	100 (1) 1			0.0 (1) 0	

Percentage of susceptible Organisms Isolated From Fluid Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS			P	QUINOLONES				A			G	MISCELLANEOUS							
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline
Streptococcus spp. Viridans Group	1	%S						100		100									100							100	100	100	100		100	
		Total drug test (n)						(1)		(1)									(1)						(1)	(1)	(1)	(1)		(1)		
		S						1		1									1						1	1	1	1		1		

First Isolate : เชื้อที่แยกหรือเพาะได้ ตัวแรกของสปีชีส์เดียวกันในช่วงเวลาที่กำหนดการ วิเคราะห์ข้อมูล โดยไม่คำนึงถึงชนิดของตัวอย่างหรือตำแหน่งที่เก็บตัวอย่าง
%S : เปอร์เซนต์ของจำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S
Total drug test (n) : จำนวนเชื้อทั้งหมดที่นำไปทดสอบความไวในยาแต่ละชนิด
S : จำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S
Total First Isolate : จำนวน First Isolations ของเชื้อทั้งหมดที่แยกได้จากตัวอย่าง

P : POLY MYXINS	Data : calculate from First isolation				
G : GLYCOPEPTIDES	* Norfloxacin for Urine sample only				
A : AMINOGLYCOSIDES					
% susceptible =	≥90	80-89	70-79	50-69	<50

Pus specimen

Percentage of susceptible Organisms Isolated From Pus Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS											CARBAPENEMS			P	QUINOLONES				A			G	MISCELLANEOUS						
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline
<i>Acinetobacter baumannii</i>	4	%S				25.0			0.0	25.0	0.0				25.0	25.0			33.3	25.0			50.0	50.0						25.0		25.0
		Total drug test (n)				(4)		(4)	(4)	(3)				(4)	(4)			(3)	(4)			(4)	(4)						(4)		(4)	
		S			1			0	1	0				1	1			1	1			2	2						1		1	
<i>Alcaligenes faecalis</i>	1	%S				100			100	100	100	100			100	100			0.0				100	100	100					100		
		Total drug test (n)				(1)		(1)	(1)	(1)	(1)			(1)	(1)			(1)				(1)	(1)	(1)					(1)			
		S			1			1	1	1	1			1	1			0				1	1	1					1			
<i>Burkholderia pseudomallei</i>	1	%S			100				100					100															100			
		Total drug test (n)			(1)				(1)					(1)															(1)			
		S			1				1					1															1			
<i>Citrobacter freundii</i>	2	%S		0.0	50.0	100			100	100	100		0.0		100	100	100			100	100			100	100					100		100
		Total drug test (n)		(2)	(2)	(2)			(2)	(2)	(2)		(2)		(2)	(2)	(2)			(1)	(1)			(2)	(2)					(1)		(1)
		S		0	1	2			2	2	2		0		2	2	2			1	1			2	2					1		1
<i>Citrobacter koseri</i>	1	%S		0.0	100	100			100	100	100		100		100	100	100			100	100			100	100					100		
		Total drug test (n)		(1)	(1)	(1)			(1)	(1)	(1)		(1)		(1)	(1)	(1)			(1)	(1)			(1)	(1)					(1)		
		S		0	1	1			1	1	1		1		1	1	1			1	1			1	1					1		
<i>Enterobacter cloacae</i>	7	%S		0.0	0.0	100			100	100	100		0.0		100	100	100			100	100			100	100					83.3		100
		Total drug test (n)		(7)	(7)	(7)			(7)	(7)	(7)		(7)		(7)	(7)	(7)			(5)	(6)			(7)	(7)					(6)		(2)
		S		0	0	7			7	7	7		0		7	7	7			5	6			7	7					5		2
<i>Enterobacter cloacae complex</i>	4	%S		0.0	0.0	100		100	100	100	100		0.0		100	100	100			100	100			100	100	100				100		66.7
		Total drug test (n)		(4)	(4)	(4)		(2)	(4)	(4)	(4)		(4)		(4)	(4)	(4)			(4)	(4)			(4)	(4)	(2)				(4)		(3)
		S		0	0	4		2	4	4	4		0		4	4	4			4	4			4	4	2				4		2

Percentage of susceptible Organisms Isolated From Pus Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS			P	QUINOLONES				A			G	MISCELLANEOUS									
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline	
Enterococcus faecalis	1	%S	100	100															100	100						100					100		0.0	0.0
		Total drug test (n)	(1)	(1)															(1)	(1)						(1)				(1)	(1)			
		S	1	1															1	1						1				0	0			
Escherichia coli	13	%S		23.1	92.3	92.3		66.7	53.8	76.9	53.8		92.3		100	100	100			75.0	69.2		100	100	76.9	100					54.5		30.0	
		Total drug test (n)		(13)	(13)	(13)		(6)	(13)	(13)	(13)		(13)		(13)	(12)	(13)			(12)	(13)		(3)	(13)	(13)	(6)					(11)		(10)	
		S		3	12	12		4	7	10	7		12		13	12	13			9	9		3	13	10	6					6		3	
Klebsiella pneumoniae	7	%S		0.0	71.4	85.7		100	71.4	71.4	71.4		85.7		100	100	100			100	100			100	100	100					66.7		66.7	
		Total drug test (n)		(7)	(7)	(7)		(3)	(7)	(7)	(7)		(7)		(7)	(7)	(7)			(4)	(6)			(7)	(7)	(3)					(3)		(3)	
		S		0	5	6		3	5	5	5		6		7	7	7			4	6			7	7	3					2		2	
Morganella morganii	1	%S		0.0	0.0	100			100	100	100		0.0		100	0.0	100			100	100			100	100						0.0		0.0	
		Total drug test (n)		(1)	(1)	(1)			(1)	(1)	(1)		(1)		(1)	(1)	(1)			(1)	(1)			(1)	(1)						(1)		(1)	
		S		0	0	1			1	1	1		0		1	0	1			1	1			1	1						0		0	
Pluralibacter gergoviae	1	%S		100	100	100		100	100	100	100		100		100	100	100			100	100			100	100	100							100	
		Total drug test (n)		(1)	(1)	(1)		(1)	(1)	(1)	(1)		(1)		(1)	(1)	(1)			(1)	(1)			(1)	(1)	(1)							(1)	
		S		1	1	1		1	1	1	1		1		1	1	1			1	1			1	1	1							1	
Proteus mirabilis	10	%S		30.0	60.0	90.0		75.0	70.0	80.0	70.0		80.0		90.0	90.0	90.0			33.3	66.7		50.0	90.0	60.0	66.7					42.9		14.3	
		Total drug test (n)		(10)	(10)	(10)		(4)	(10)	(10)	(10)		(10)		(10)	(10)	(10)			(9)	(9)		(2)	(10)	(10)	(6)					(7)		(7)	
		S		3	6	9		3	7	8	7		8		9	9	9			3	6		1	9	6	4					3		1	
Providencia rettgeri	1	%S		0.0	0.0	100			100	100	100		100		100	100	100							100	100									
		Total drug test (n)		(1)	(1)	(1)			(1)	(1)	(1)		(1)		(1)	(1)	(1)							(1)	(1)									
		S		0	0	1			1	1	1		1		1	1	1							1	1									

Percentage of susceptible Organisms Isolated From Pus Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS											CARBAPENEMS			P	QUINOLONES				A			G	MISCELLANEOUS						
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline
<i>Providencia stuartii</i>	1	%S		0.0	0.0	100		100	100	100		100		100	100	100			100	100		100	100	0.0	100					100		0.0
		Total drug test (n)		(1)	(1)	(1)		(1)	(1)	(1)		(1)		(1)	(1)	(1)			(1)	(1)		(1)	(1)	(1)	(1)					(1)		(1)
		S		0	0	1		1	1	1		1		1	1	1			1	1		1	1	0	1					1		0
<i>Pseudomonas aeruginosa</i>	5	%S				100				100				100	100				100	100			100	100	100							
		Total drug test (n)				(5)				(5)				(5)	(5)				(5)	(5)			(5)	(5)	(1)							
		S				5				5				5	5				5	5			5	5	1							
<i>Serratia marcescens</i>	2	%S		0.0	0.0	100			100	100	100		0.0		100	100	100			100	100		100	100						100		0.0
		Total drug test (n)		(2)	(2)	(2)			(2)	(2)	(2)		(2)		(2)	(2)	(2)			(1)	(2)		(2)	(2)						(2)		(1)
		S		0	0	2			2	2	2		0		2	2	2			1	2		2	2						2		0
<i>Staphylococcus aureus</i>	33	%S	9.1									90.9							100			100		100			69.7	69.7	97.0	93.1	60.6	69.2
		Total drug test (n)	(33)										(33)						(31)			(7)		(33)			(33)	(33)	(33)	(29)	(33)	(26)
		S	3										30						31			7		33			23	23	32	27	20	18
<i>Staphylococcus epidermidis</i>	2	%S	0.0									100							100			100		100			100	50.0	100	100	0.0	0.0
		Total drug test (n)	(2)										(2)						(2)			(2)		(2)			(2)	(2)	(2)	(2)	(2)	(2)
		S	0										2						2			2		2			2	1	2	2	0	0
<i>Staphylococcus hominis</i>	1	%S	0.0									0.0							0.0				0.0				0.0	0.0	100	0.0	0.0	0.0
		Total drug test (n)	(1)										(1)						(1)				(1)			(1)	(1)	(1)	(1)	(1)	(1)	(1)
		S	0										0						0				0			0	0	1	0	0	0	
<i>Stenotrophomonas maltophilia</i>	1	%S																	100											100		
		Total drug test (n)																	(1)											(1)		
		S																	1											1		

Percentage of susceptible Organisms Isolated From Pus Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS				P	QUINOLONES				A			G	MISCELLANEOUS						
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline
<i>Streptococcus agalactiae</i>	2	%S	50.0	100					50.0		50.0								100		100					100	100	100	100		0.0	
		Total drug test (n)	(2)	(2)					(2)		(2)								(2)		(1)					(2)	(2)	(2)	(2)		(2)	
		S	1	2					1		1								2		1					2	2	2	2		0	
<i>Streptococcus pyogenes</i>	9	%S	100	100					100		100								100		100					100	100	100	100		33.3	
		Total drug test (n)	(9)	(9)					(9)		(9)								(9)		(4)					(9)	(9)	(9)	(9)		(9)	
		S	9	9					9		9								9		4					9	9	9	9		3	

First Isolate : เชื้อที่แยกหรือเพาะได้ ตัวแรกของสปีชีส์เดียวกันในช่วงเวลาที่กำหนดการ วิเคราะห์ข้อมูล โดยไม่คำนึงถึงชนิดของตัวอย่างหรือตำแหน่งที่เก็บตัวอย่าง

%S : เปอร์เซ็นต์ของจำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S

Total drug test (n) : จำนวนเชื้อทั้งหมดที่นำไปทดสอบความไวในยาแต่ละชนิด

S : จำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S

Total First Isolate : จำนวน First Isolations ของเชื้อทั้งหมดที่แยกได้จากตัวอย่าง

P : POLY MYXINS

G : GLYCOPEPTIDES

A : AMINOGLYCOSIDES

Data : calculate from First isolation

* Norfloxacin for Urine sample only

% susceptible =		≥90	80-89	70-79	50-69	<50
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Sputum specimen

Percentage of susceptible Organisms Isolated From Sputum Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS				P	QUINOLONES				A			G	MISCELLANEOUS							
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline
<i>Acinetobacter baumannii</i>	32	%S				25.0			6.3	15.6	6.3				25.0	25.0			25.9	25.0			46.9	34.4						22.2		25.0	
		Total drug test (n)			(32)			(32)	(32)	(32)				(32)	(32)			(27)	(28)			(32)	(32)							(18)		(20)	
		S			8			2	5	2				8	8			7	7			15	11							4		5	
<i>Acinetobacter junii</i>	2	%S				100			50.0	100	50.0				100	100			100	100			100	0.0							50.0		100
		Total drug test (n)			(2)			(2)	(2)	(2)				(2)	(2)			(2)	(2)			(2)	(2)							(2)		(2)	
		S			2			1	2	1				2	2			2	2			2	0							1		2	
<i>Acinetobacter nosocomialis</i>	2	%S				100			0.0	0.0	0.0				50.0	50.0			100	100			100	100							50.0		100
		Total drug test (n)			(2)			(2)	(1)	(2)				(2)	(2)			(2)	(2)			(2)	(2)							(2)		(1)	
		S			2			0	0	0				1	1			2	2			2	2							1		1	
<i>Acinetobacter pittii</i>	2	%S				100			0.0	0.0	0.0				100	100			100	100			100	100							100		100
		Total drug test (n)			(2)			(2)	(2)	(2)				(2)	(2)			(2)	(2)			(2)	(2)							(2)		(1)	
		S			2			0	0	0				2	2			2	2			2	2							2		1	
<i>Acinetobacter spp.</i>	1	%S				100			0.0	0.0	0.0				0.0	0.0				100			100	0.0								100	
		Total drug test (n)			(1)			(1)	(1)	(1)				(1)	(1)			(1)	(1)			(1)	(1)									(1)	
		S			1			0	0	0				0	0				1			1	0									1	
<i>Aeromonas caviae</i>	1	%S			0.0	100			100	100	100		0.0		100		100			100	100			100	100						100		
		Total drug test (n)			(1)	(1)			(1)	(1)	(1)		(1)		(1)		(1)			(1)	(1)			(1)	(1)						(1)		
		S			0	1			1	1	1		0		1		1			1	1			1	1						1		
<i>Aeromonas hydrophila</i>	1	%S			0.0	100			100	100	100		100		100	100			100	100			100	100							100		
		Total drug test (n)			(1)	(1)			(1)	(1)	(1)		(1)		(1)	(1)	(1)			(1)	(1)			(1)	(1)						(1)		
		S			0	1			1	1	1		1		1	1	1			1	1			1	1						1		

Percentage of susceptible Organisms Isolated From Sputum Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS				P	QUINOLONES				A			G	MISCELLANEOUS							
			Penicillin	Ampicillin	Amoxicillin - Clavulanate		Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline
<i>Citrobacter freundii</i>	1	%S		0.0	100	100			100	100	100		0.0		100	100	100			100	100			100	100					100		100	
		Total drug test (n)		(1)	(1)	(1)			(1)	(1)	(1)		(1)		(1)	(1)	(1)			(1)	(1)			(1)	(1)					(1)		(1)	
		S		0	1	1			1	1	1		0		1	1	1			1	1			1	1					1		1	
<i>Citrobacter koseri</i>	4	%S		0.0	100	100		100	100	100	100		100		100	100	100			100	100		100	100	100	100					100		75.0
		Total drug test (n)		(4)	(4)	(4)		(3)	(3)	(4)	(3)		(4)		(4)	(4)	(4)			(4)	(4)		(1)	(4)	(4)	(3)					(3)		(4)
		S		0	4	4		3	3	4	3		4		4	4	4			4	4		1	4	4	3					3		3
<i>Enterobacter cloacae</i>	7	%S		0.0	0.0	71.4		66.7	57.1	57.1	57.1		0.0		85.7	85.7	100			85.7	85.7		66.7	100	100	100					66.7		60.0
		Total drug test (n)		(7)	(7)	(7)		(6)	(7)	(7)	(7)		(7)		(7)	(7)	(7)			(7)	(7)		(3)	(7)	(7)	(6)					(3)		(5)
		S		0	0	5		4	4	4	4		0		6	6	7			6	6		2	7	7	6					2		3
<i>Enterobacter cloacae complex</i>	4	%S		0.0	0.0	100		66.7	75.0	75.0	75.0		0.0		100	100	100			100	100		100	100	100	100					50.0		25.0
		Total drug test (n)		(4)	(4)	(4)		(3)	(4)	(4)	(4)		(4)		(4)	(3)	(4)			(3)	(4)		(2)	(4)	(4)	(3)					(4)		(4)
		S		0	0	4		2	3	3	3		0		4	3	4			3	4		2	4	4	3					2		1
<i>Escherichia coli</i>	24	%S		8.3	87.5	95.8		56.3	50.0	62.5	50.0		100		100	100	100			57.1	52.4		57.1	100	70.8	100					60.0		27.8
		Total drug test (n)		(24)	(24)	(24)		(16)	(24)	(24)	(22)		(24)		(24)	(22)	(24)			(21)	(21)		(7)	(24)	(24)	(16)					(15)		(18)
		S		2	21	23		9	12	15	11		24		24	22	24			12	11		4	24	17	16					9		5
<i>Haemophilus influenzae</i>	2	%S		100	100						100									100										100	50.0	100	
		Total drug test (n)		(2)	(2)						(2)									(2)										(2)	(2)	(2)	
		S		2	2						2									2										2	1	2	
<i>Kerstersia spp.</i>	1	%S				100			100	100	100	100				100	100			0.0	100			100	100	100					100		
		Total drug test (n)				(1)			(1)	(1)	(1)	(1)				(1)	(1)			(1)	(1)			(1)	(1)	(1)					(1)		
		S				1			1	1	1	1				1	1			0	1			1	1	1					1		

Percentage of susceptible Organisms Isolated From Sputum Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS											CARBAPENEMS				P	QUINOLONES				A			G	MISCELLANEOUS						
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline
<i>Klebsiella aerogenes</i>	1	%S		0.0	0.0	100			0.0	0.0	0.0		0.0		100	100	100			0.0	0.0			100	0.0	100							
		Total drug test (n)		(1)	(1)	(1)			(1)	(1)	(1)		(1)		(1)	(1)	(1)			(1)	(1)			(1)	(1)	(1)							
		S		0	0	1			0	0	0		0		1	1	1			0	0			1	0	1							
<i>Klebsiella pneumoniae</i>	71	%S		1.4	63.4	73.2		60.6	62.0	63.4	61.4		76.1		84.5	84.3	84.5			70.0	71.8		69.6	87.3	77.5	80.0					60.0		55.0
		Total drug test (n)		(71)	(71)	(71)		(33)	(71)	(71)	(70)		(71)		(71)	(70)	(71)			(70)	(71)		(23)	(71)	(71)	(40)					(55)		(60)
		S		1	45	52		20	44	45	43		54		60	59	60			49	51		16	62	55	32					33		33
<i>Proteus mirabilis</i>	4	%S		75.0	100	100		100	100	100	100		100		100	100	100			100	100		100	100	100	100					100		0.0
		Total drug test (n)		(4)	(4)	(4)		(4)	(4)	(4)	(4)		(4)		(4)	(3)	(4)			(4)	(4)		(3)	(4)	(4)	(4)					(4)		(4)
		S		3	4	4		4	4	4	4		4		4	3	4			4	4		3	4	4	4					4		0
<i>Providencia rettgeri</i>	1	%S		100	0.0	100		100	100	100	100		100		100	100	100			100	100		100	100	100	100					100		100
		Total drug test (n)		(1)	(1)	(1)		(1)	(1)	(1)	(1)		(1)		(1)	(1)	(1)			(1)	(1)		(1)	(1)	(1)	(1)					(1)		(1)
		S		1	0	1		1	1	1	1		1		1	1	1			1	1		1	1	1	1					1		1
<i>Pseudomonas aeruginosa</i>	35	%S				100				94.3					90.9	94.1			97.0	93.9		100	100	97.1	95.0					100			
		Total drug test (n)				(34)				(35)					(33)	(34)			(33)	(33)		(10)	(35)	(35)	(20)					(2)			
		S				34				33					30	32			32	31		10	35	34	19					2			
<i>Pseudomonas stutzeri</i>	1	%S				100			100	100	100	100			100	100			100	100			100	100	100					100			
		Total drug test (n)				(1)			(1)	(1)	(1)	(1)			(1)	(1)			(1)	(1)			(1)	(1)	(1)					(1)			
		S				1			1	1	1	1			1	1			1	1			1	1	1					1			
<i>Serratia marcescens</i>	2	%S		0.0	50.0	100		100	100	100	100		50.0		100	100	100			100	100		100	100	100	100					100		0.0
		Total drug test (n)		(2)	(2)	(2)		(1)	(2)	(2)	(2)		(2)		(2)	(2)	(2)			(2)	(2)		(1)	(2)	(2)	(1)					(2)		(2)
		S		0	1	2		1	2	2	2		1		2	2	2			2	2		1	2	2	1					2		0

Percentage of susceptible Organisms Isolated From Sputum Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS				P	QUINOLONES				A			G	MISCELLANEOUS						
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline
<i>Staphylococcus aureus</i>	10	%S	0.0									90.0							100			100	90.0				90.0	80.0	100	100	60.0	62.5
		Total drug test (n)	(10)									(10)							(10)			(3)	(10)			(10)	(10)	(10)	(9)	(10)	(8)	
		S	0									9							10			3	9				9	8	10	9	6	5
<i>Stenotrophomonas maltophilia</i>	9	%S																	88.9										88.9			
		Total drug test (n)																	(9)										(9)			
		S																	8										8			
<i>Streptococcus pneumoniae</i>	1	%S	0.0																100							100	0.0	0.0	100	0.0	0.0	100
		Total drug test (n)	(1)																(1)							(1)	(1)	(1)	(1)	(1)	(1)	(1)
		S	0																1							1	0	0	1	0	0	1
<i>Streptococcus pyogenes</i>	2	%S	100	100				100		100									100							100	100	100	100		0.0	
		Total drug test (n)	(2)	(2)				(2)		(2)									(2)							(2)	(2)	(2)	(2)		(2)	
		S	2	2				2		2									2							2	2	2	2		0	

First Isolate	: เชื้อที่แยกหรือเพาะได้ ตัวแรกของสปีชีส์เดียวกันในช่วงเวลาที่กำหนดการ วิเคราะห์ข้อมูล โดยไม่คำนึงถึงชนิดของตัวอย่างหรือตำแหน่งที่เก็บตัวอย่าง	P : POLY MYXINS G : GLYCOPEPTIDES A : AMINOGLYCOSIDES Data : calculate from First isolation * Norfloxacin for Urine sample only
%S	: เปอร์เซนต์ของจำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S	
Total drug test (n)	: จำนวนเชื้อทั้งหมดที่นำไปทดสอบความไวในยาแต่ละชนิด	
S	: จำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S	
Total First Isolate	: จำนวน First Isolations ของเชื้อทั้งหมดที่แยกได้จากตัวอย่าง	
		% susceptible = ≥90 80-89 70-79 50-69 <50

Stool specimen

Percentage of susceptible Organisms Isolated From Stool Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS			P	QUINOLONES				A			G	MISCELLANEOUS								
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline
Salmonella group B	2	%S		100	100	100								100	100	100			100											100		100	
		Total drug test (n)		(2)	(1)	(1)									(1)	(1)	(1)			(1)										(2)		(1)	
		S		2	1	1									1	1	1			1										2		1	
Salmonella group C	2	%S		50.0					100	100	100								100												100		
		Total drug test (n)		(2)					(1)	(1)	(1)									(2)											(2)		
		S		1					1	1	1									2											2		
Vibrio parahaemolyticus	4	%S			100				100	100			100						100	100													
		Total drug test (n)			(4)				(4)	(4)			(4)							(4)	(4)												
		S			4				4	4			4							4	4												

First Isolate : เชื้อที่แยกหรือเพาะได้ ตัวแรกของสปีชีส์เดียวกันในช่วงเวลาที่กำหนดการ วิเคราะห์ข้อมูล โดยไม่คำนึงถึงชนิดของตัวอย่างหรือตำแหน่งที่เก็บตัวอย่าง
%S : เปอร์เซ็นต์ของจำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S
Total drug test (n) : จำนวนเชื้อทั้งหมดที่นำไปทดสอบความไวในยาแต่ละชนิด
S : จำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S
Total First Isolate : จำนวน First Isolations ของเชื้อทั้งหมดที่แยกได้จากตัวอย่าง

P : POLY MYXINS	Data : calculate from First isolation				
G : GLYCOPEPTIDES	* Norfloxacin for Urine sample only				
A : AMINOGLYCOSIDES					
% susceptible =	≥90	80-89	70-79	50-69	<50

Urine specimen

Percentage of susceptible Organisms Isolated From Urine Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS											CARBAPENEMS				P	QUINOLONES				A			G	MISCELLANEOUS						
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline
<i>Acinetobacter baumannii</i>	11	%S				18.2			0.0	18.2	0.0					18.2	18.2						18.2	10.0						40.0		0.0	
		Total drug test (n)				(11)			(11)	(11)	(11)					(11)	(11)						(11)	(10)						(5)		(6)	
		S				2			0	2	0					2	2						2	1						2		0	
<i>Acinetobacter nosocomialis</i>	1	%S				0.0			0.0	0.0	0.0					0.0	0.0						100	0.0						0.0		0.0	
		Total drug test (n)				(1)			(1)	(1)	(1)					(1)	(1)						(1)	(1)						(1)		(1)	
		S				0			0	0	0					0	0						1	0						0		0	
<i>Acinetobacter spp.</i>	2	%S				100	100		0.0	0.0	50.0		100			100	100						100	100						50.0		100	
		Total drug test (n)				(2)	(1)		(1)	(1)	(2)		(1)			(2)	(2)						(2)	(2)						(2)		(2)	
		S				2	1		0	0	1		1			2	2						2	2						1		2	
<i>Citrobacter freundii</i>	1	%S		0.0	0.0	100		100	100	100	100		0.0		100	100	100					100	100	100	100					100		100	
		Total drug test (n)		(1)	(1)	(1)		(1)	(1)	(1)	(1)		(1)		(1)	(1)	(1)					(1)	(1)	(1)	(1)					(1)		(1)	
		S		0	0	1		1	1	1	1		0		1	1	1					1	1	1	1					1		1	
<i>Citrobacter koseri</i>	2	%S		0.0	100	100		50.0	50.0	100	50.0		100		100	100	100					100	100	100		100	50.0	100				0.0	
		Total drug test (n)		(2)	(2)	(2)		(2)	(2)	(2)	(2)		(2)		(2)	(2)	(2)					(2)	(2)	(2)		(2)	(2)	(2)				(1)	
		S		0	2	2		1	1	2	1		2		2	2	2					2	2	2		2	1	2				0	
<i>Enterobacter cloacae</i>	1	%S		0.0	0.0	100			100	100	100		0.0		100	100	100					100	100	100		100	100				100		100
		Total drug test (n)		(1)	(1)	(1)			(1)	(1)	(1)		(1)		(1)	(1)	(1)					(1)	(1)	(1)		(1)	(1)				(1)		(1)
		S		0	0	1			1	1	1		0		1	1	1					1	1	1		1	1				1		1
<i>Enterococcus faecalis</i>	35	%S	31.4	80.0																						97.1					5.7	16.7	
		Total drug test (n)	(35)	(35)																						(35)					(35)	(24)	
		S	11	28																						34					2	4	

Percentage of susceptible Organisms Isolated From Urine Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS				P	QUINOLONES				A			G	MISCELLANEOUS						
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline
<i>Enterococcus faecium</i>	15	%S Total drug test (n) S	0.0 (15) 0	0.0 (15) 0															0.0 (14) 0	0.0 (14) 0	0.0 (15) 0					100 (15) 15					6.7 (15) 1	33.3 (12) 4
<i>Escherichia coli</i>	152	%S Total drug test (n) S		10.5 (152) 16	78.9 (152) 120	97.4 (152) 148		56.7 (67) 38	57.2 (152) 87	63.8 (152) 97	57.2 (145) 83		92.1 (152) 140		99.3 (152) 151	100 (143) 143	100 (152) 152			40.6 (138) 56	41.0 (144) 59	40.7 (145) 59	47.6 (42) 20	99.3 (152) 151	65.1 (152) 99	94.0 (84) 79					34.3 (108) 37	29.3 (116) 34
<i>Klebsiella oxytoca</i>	2	%S Total drug test (n) S		0.0 (2) 0	100 (2) 2	100 (2) 2		100 (1) 1	100 (2) 2	100 (2) 2	100 (2) 2		100 (2) 2		100 (2) 2	100 (2) 2	100 (2) 2			100 (2) 2	100 (2) 2	100 (2) 2	100 (1) 1	100 (2) 2	100 (2) 2	100 (1) 1					100 (2) 2	100 (1) 1
<i>Klebsiella pneumoniae</i>	33	%S Total drug test (n) S		0.0 (33) 0	51.5 (33) 17	57.6 (33) 19		50.0 (18) 9	42.4 (33) 14	45.5 (33) 15	40.6 (32) 13		66.7 (33) 22		78.8 (33) 26	80.6 (31) 25	78.8 (33) 26			46.9 (32) 15	51.5 (33) 17	53.1 (32) 17	54.5 (11) 6	75.8 (33) 25	69.7 (33) 23	68.4 (19) 13					48.1 (27) 13	42.3 (26) 11
<i>Lactococcus garvieae</i>	1	%S Total drug test (n) S	100 (1) 1								100 (1) 1						100 (1) 1									100 (1) 1	0.0 (1) 0	100 (1) 1				100 (1) 1
<i>Morganella morganii</i>	3	%S Total drug test (n) S		0.0 (3) 0	0.0 (3) 0	100 (3) 3		100 (2) 2	100 (3) 3	100 (3) 3	100 (3) 3		0.0 (3) 0		100 (3) 3	100 (3) 3	100 (3) 3			100 (2) 2	100 (2) 2	100 (3) 3	100 (1) 1	100 (3) 3	66.7 (3) 2	100 (2) 2					100 (1) 1	100 (1) 1
<i>Proteus hauseri</i>	3	%S Total drug test (n) S		0.0 (3) 0	100 (3) 3	100 (3) 3		66.7 (3) 2	66.7 (3) 2	100 (3) 3	50.0 (2) 1		100 (3) 3		100 (3) 3	100 (3) 3	100 (3) 3			100 (3) 3	100 (3) 3	100 (2) 2	100 (1) 1	100 (3) 3	100 (3) 3	100 (3) 3					100 (1) 1	33.3 (3) 1

Percentage of susceptible Organisms Isolated From Urine Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS				P	QUINOLONES				A			G	MISCELLANEOUS							
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline	Doxycycline
<i>Proteus mirabilis</i>	9	%S		55.6	100	100		80.0	75.0	100	75.0		100		100	100	100			75.0	77.8	75.0	100	100	66.7	66.7					50.0		12.5
		Total drug test (n)		(9)	(9)	(8)		(5)	(8)	(9)	(8)		(9)		(9)	(8)	(9)			(8)	(9)	(8)	(2)	(9)	(9)	(6)					(8)		(8)
		S		5	9	8		4	6	9	6		9		9	8	9			6	7	6	2	9	6	4					4		1
<i>Proteus vulgaris</i>	1	%S		0.0	100	100		100	100	100	100		100		100	100	100			100	100	100	100	100	100	100					0.0		0.0
		Total drug test (n)		(1)	(1)	(1)		(1)	(1)	(1)	(1)		(1)		(1)	(1)	(1)			(1)	(1)	(1)	(1)	(1)	(1)	(1)					(1)		(1)
		S		0	1	1		1	1	1	1		1		1	1	1			1	1	1	1	1	1	1					0		0
<i>Providencia stuartii</i>	1	%S		0.0	0.0	100		100	100	100	100		0.0		100	100	100			100	100	100		100	100	100					100		0.0
		Total drug test (n)		(1)	(1)	(1)		(1)	(1)	(1)	(1)		(1)		(1)	(1)	(1)			(1)	(1)	(1)		(1)	(1)	(1)					(1)		(1)
		S		0	0	1		1	1	1	1		0		1	1	1			1	1	1		1	1	1					1		0
<i>Pseudomonas aeruginosa</i>	10	%S				80.0				88.9					70.0	80.0			87.5	88.9	80.0	100	80.0	80.0	100								
		Total drug test (n)				(10)				(9)					(10)	(10)			(8)	(9)	(10)	(4)	(10)	(10)	(4)								
		S				8				8					7	8			7	8	8	4	8	8	4								
<i>Pseudomonas guariconensis</i>	1	%S				0.0			0.0	100	0.0	100			100	100			100	100			100	100	100					100			
		Total drug test (n)				(1)			(1)	(1)	(1)	(1)			(1)	(1)			(1)	(1)			(1)	(1)	(1)					(1)			
		S				0			0	1	0	1			1	1			1	1			1	1	1					1			
<i>Pseudomonas putida</i>	3	%S				0.0			0.0	0.0	0.0	0.0	0.0		0.0				0.0				100	33.3	100					0.0			
		Total drug test (n)				(3)			(3)	(3)	(3)	(3)	(1)		(3)				(3)				(3)	(3)	(3)					(3)			
		S				0			0	0	0	0	0		0				0				3	1	3					0			

Percentage of susceptible Organisms Isolated From Urine Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS											CARBAPENEMS				P	QUINOLONES				A			G	MISCELLANEOUS							
			Penicillin	Ampicillin	Amoxicillin - Clavulanate		Piperacillin - Tazobactam		Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Ofloxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline
<i>Serratia marcescens</i>	1	%S		0.0	0.0	100		0.0	0.0	0.0	0.0		0.0		100	100	100			100	100	100	100	100	100	100					100		0.0	
		Total drug test (n)		(1)	(1)	(1)		(1)	(1)	(1)	(1)		(1)		(1)	(1)	(1)	(1)			(1)	(1)	(1)	(1)	(1)	(1)					(1)		(1)	
		S		0	0	1		0	0	0	0		0		1	1	1			1	1	1	1	1	1	1					1		0	
<i>Staphylococcus argenteus</i>	1	%S	0.0										100							100		100			100						100	0.0	0.0	
		Total drug test (n)	(1)											(1)						(1)		(1)		(1)							(1)	(1)	(1)	
		S	0											1						1		1		1							1	0	0	
<i>Staphylococcus aureus</i>	1	%S	0.0										100							100		100	100		100						100	0.0	0.0	
		Total drug test (n)	(1)											(1)						(1)		(1)	(1)		(1)						(1)	(1)	(1)	
		S	0											1						1		1	1		1						1	0	0	
<i>Staphylococcus saprophyticus</i>	1	%S	100										100							100		100	100		100						100	100	100	
		Total drug test (n)	(1)											(1)						(1)		(1)	(1)		(1)						(1)	(1)	(1)	
		S	1											1						1		1	1		1						1	1	1	
<i>Stenotrophomonas maltophilia</i>	1	%S																			100											100		
		Total drug test (n)																			(1)											(1)		
		S																		1												1		
<i>Streptococcus agalactiae</i>	4	%S	100	100				100		100											75.0						100					0.0		
		Total drug test (n)	(4)	(4)				(4)		(4)											(4)					(4)						(4)		
		S	4	4				4		4											3					4						0		

Percentage of susceptible Organisms Isolated From Urine Specimen, Soidao hospital, October 2020 - September 2021

Organisms	Total First Isolate		BETA-LACTAMS										CARBAPENEMS			P	QUINOLONES				A			G	MISCELLANEOUS							
			Penicillin	Ampicillin	Amoxicillin - Clavulanate	Piperacillin - Tazobactam	Cefuroxime	Cefoperazone	Cefotaxime	Ceftazidime	Ceftriaxone	Cefepime	Cefoxitin	Oxacillin	Ertapenem	Imipenem	Meropenem	Doripenem	Colistin By MIC	Ciprofloxacin	Levofloxacin	Norfloxacin	Oflxacin	Amikacin	Gentamicin	Netilmicin	Vancomycin	Clindamycin	Erythromycin	Chloramphenicol	Trimethoprim - Sulfamethoxazole	Tetracycline
Streptococcus pyogenes	2	%S	100	100				100		100									100							100	0.0	0.0	0.0		50.0	
		Total drug test (n)	(2)	(2)				(2)		(2)									(2)							(2)	(1)	(1)	(1)		(2)	
		S	2	2				2		2									2							2	0	0	0		1	

First Isolate : เชื้อที่แยกหรือเพาะได้ ตัวแรกของสปีชีส์เดียวกันในช่วงเวลาที่กำหนดการ วิเคราะห์ข้อมูล โดยไม่คำนึงถึงชนิดของตัวอย่างหรือตำแหน่งที่เก็บตัวอย่าง

%S : เปอร์เซนต์ของจำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S

Total drug test (n) : จำนวนเชื้อทั้งหมดที่นำไปทดสอบความไวในยาแต่ละชนิด

S : จำนวนเชื้อที่ให้ผลการทดสอบความไวต่อยาเป็น S

Total First Isolate : จำนวน First Isolations ของเชื้อทั้งหมดที่แยกได้จากตัวอย่าง

P : POLY MYXINS	Data : calculate from First isolation				
G : GLYCOPEPTIDES	* Norfloxacin for Urine sample only				
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% susceptible =	≥90	80-89	70-79	50-69	<50