

Lampiran 1

Data Hasil Pemeriksaan Kultur Urine Pasien ISK di Ruang ICU Rumah Sakit Immanuel Bandung Periode 2006-2008

No.	Jenis Kelamin	Bakteri	Jumlah (cfu/mL)									
				1	2	3	4	5	6	7	8	9
1	pria	<i>Escherichia coli</i>	≥ 100000	-	18	17	18	22	24		24	
2	pria	<i>Escherichia coli</i>	≥ 100000	-	-	22	-	20	-		-	
3	wanita	Candida sp.	≥ 100000									
4	pria	(negatif)										
5	wanita	Klebsiella sp.	2000									
6	pria	<i>Staphylococcus aureus</i>		25	24	-	26	26	21			-
7	wanita	<i>Staphylococcus aureus</i>	≥100000	-	-	21	-	-	-			-
8	pria	Candida sp.										
9	wanita	Klebsiella sp.		-	-		-	-	-			24
10	wanita	Candida sp.	≥100000									
11	wanita	Candida sp.	≥100000									
12	wanita	Candida sp.	≥100000									
13	pria	<i>Escherichia coli</i>		-	20	20	-	25	-			
14	pria	<i>Escherichia coli</i>		15	16	20	16	16		30		
15	wanita	Streptococcus - γ		30	30	20	30	30	36			
16	wanita	<i>Escherichia coli</i>		-	26	17	-	-	-			
17	wanita	(negatif)										
18	wanita	<i>Escherichia coli</i>	≥100000	-	17	-	-	22	25			
19	wanita	<i>Escherichia coli</i>	≥100000	-	18	24	-	20	22			
20	wanita	Candida sp.	≥100000									
21	wanita	<i>Escherichia coli</i>		-	-	17	-	-				
22	wanita	(negatif)										
23	wanita	(negatif)										
24	wanita	<i>Escherichia coli</i>	≥100000	20	24	22	24		30		34	34
25	wanita	<i>Escherichia coli</i>		-	-	26	-	-	-		-	-
26	wanita	<i>Escherichia coli</i>		-	-	20	-	-	-		-	-
27	wanita	Alkaligenes faecalis	≥100000	-	-	-	-	-	-		-	-
28	wanita	<i>Escherichia coli</i>	≥100000	-	-	-	-	18	-		-	-
29	pria	(negatif)										
30	wanita	(negatif)										
31	wanita	<i>Staphylococcus aureus</i>	≥100000	-	-	-	-	-	-		-	-
32	wanita	Alkaligenes sp.		21	25	24	24	25	25		24	25
33												
34												
35												

lanjutan lampiran 1

Keterangan Kode Antibiotik:

Kode	Antibiotik	Kode	Antibiotik
1	Ampicillin	36	Cefpirom
2	Ampicillin + Sulbactam (SAM)	37	Meropenem
3	Amikacin	38	Gatifloxacin
4	Amoxicillin	39	Moxifloxacin
5	Amoxicillin + Clavulinic Acid	40	Fosfomycin
6	Chloramphenicol	41	Dibekacin
7	Cefetamet	42	Cefoperazone/Sulbactam
8	Cefotaxime	43	Clarithromycin
9	Ceftriaxone	44	Methicillin
10	Ceftazidime	45	Ceftizoxime
11	Ceftibuten	46	Piperacillin/Tazobactam
12	Ciprofloxacin	47	Linezolid
13	Erythromycin	48	Cefditoren
14	Fleroxacin		
15	Imipenem		
16	Kanamycin		
17	Levofloxacin		
18	Nalidixic Acid		
19	Netilmicin		
20	Nitrofurantoin		
21	Oxytetracyclin		
22	Ofloxacin		
23	Tetracyclin		
24	Trimethoprim		
25	Trimethoprim + Sulfamethoxazole		
26	Tobramycin		
27	Vancomycin		
28	Pipemedic acid		
29	Aztreonam		
30	Fefloxacin		
31	Cefdinir		
32	Cefoperazone		
33	Cefepime		
34	Teicoplanin		
35	Cefaclor		

Lampiran 2

TABEL ZONE KEPEKAAN ANTIBIOTIK

1. Enterobacteriaceae (*Klebsiella sp.*, *Escherichia coli*)

Agen Antimikroba	Zone Diameter, <i>Nearest Whole</i> (mm)			
	Disk Content	Resistant	Intermediate	Susceptible
Penicillins				
Ampicillin	10 µg	≤ 13	14-16	≥ 17
Amoxicillin	10 µg	≤ 14	15-16	≥ 17
β- Lactam/ β- Lactamase Inhibitor Combinations				
Amoxicillin- Clavulanic Acid	20/ 10 µg	≤ 13	14-17	≥ 18
Ampicillin- Sulbactam	10/ 10 µg	≤ 11	12-14	≥ 15
Piperacillin- Tazobactam	100/ 10 µg	≤ 17	18-20	≥ 21
Cephalosporin				
Cefepime	30 µg	≤ 14	15-17	≥ 18
Cefotaxime	30 µg	≤ 14	15-22	≥ 23
Ceftizoxime	30 µg	≤ 14	15-19	≥ 20
Ceftriaxone	30 µg	≤ 13	14-20	≥ 21
Cefoperazone/Sulbactam	75 µg	≤ 15	16-20	≥ 21
Cefditoren	5 µg	≤ 14	15-16	≥ 17
Carbapenem (β- Lactam gol. Lain)				
Imipenem	10 µg	≤ 13	14-15	≥ 16
Meropenem	10 µg	≤ 13	14-15	≥ 16
Aminoglycosides				
Amikacin	30 µg	≤ 14	15-16	≥ 17
Kanamycin	30 µg	≤ 13	14-17	≥ 18
Netilmicin	30 µg	≤ 12	13-14	≥ 15
Tobramycin	10 µg	≤ 12	13-14	≥ 15
Dibekacin	30 µg	≤ 13	14-17	≥ 18
Fluoroquinolones				
Ciprofloxacin	5 µg	≤ 15	16-20	≥ 21
Levofloxacin	5 µg	≤ 13	14-16	≥ 17
Ofloxacin	5 µg	≤ 12	13-15	≥ 16
Quinolones				
Nalidixic Acid	30 µg	≤ 13	14-18	≥ 19
Pipemedic Acid	30 µg			≥ 22
Folate Pathway Inhibitors				
Trimethoprim- Sulfamethoxazole	1.25/ 23.75µg	≤ 10	11-15	≥ 16
Trimethoprim	5 µg	≤ 10	11-15	≥ 16
Phenicols				
Chloramphenicol	30 µg	≤ 12	13-17	≥ 18
Fosfomycins				
Fosfomycins	200 µg	≤ 12	13- 15	≥ 16

lanjutan lampiran 2

2. *Pseudomonas aeruginosa* (*Alcaligenes faecalis*)

Agen Antimikroba	Zone Diameter, <i>Nearest Whole</i> (mm)			
	Disk Content	Resistant	Intermediate	Susceptible
Penicillins				
Ampicillin	10 µg	≤ 13	14-16	≥ 17
Amoxicillin	10 µg	≤ 14	15-16	≥ 17
β- Lactam/ β- Lactamase Inhibitor Combinations				
Amoxicillin- Clavulanic Acid	20/ 10 µg	≤ 13	14- 17	≥ 18
Ampicillin- Sulbactam	10/ 10 µg	≤ 11	12-14	≥ 15
Piperacillin- Tazobactam	100/ 10 µg	≤ 17	-	≥ 18
Cephalosporins (β- Lactam)				
Cefepime	30 µg	≤ 23	24-29	≥ 30
Cefotaxime	30 µg	≤ 14	15-22	≥ 23
Ceftriaxone	30 µg	≤ 13	14-20	≥ 21
Ceftazidime	30 µg	≤ 14	15-17	≥ 18
Cefoperazone/ Sulbactam	75 µg	≤ 15	16-20	≥ 21
Cefditoren	5 µg	≤ 14	15-16	≥ 17
Aminoglycosides				
Amikacin	30 µg	≤ 14	15-16	≥ 17
Kanamycin	30 µg	≤ 13	14-17	≥ 18
Netilmicin	30 µg	≤ 12	13-14	≥ 15
Tobramycin	10 µg	≤ 12	13-14	≥ 15
Fluoroquinolones				
Ciprofloxacin	5 µg	≤ 15	16-20	≥ 21
Quinolones				
Nalidixic Acid	30 µg	≤ 13	14-18	≥ 19
Pipemedic Acid	30 µg			≥ 22
Moxifloxacin	5 µg	≤ 27	28-34	≥ 35
Folate Pathway Inhibitors				
Trimethoprim- Sulfamethoxazole	1.25/ 23.75µ	≤ 10	11-15	≥ 16
Phenicol				
Chloramphenicol	30 µg	≤ 12	13-17	≥ 18
Fosfomycins				
Fosfomycins	200 µg	≤ 12	13-15	≥ 16

lanjutan lampiran 2

3. *Staphylococcus sp.*

Agen Antimikroba	Zone Diameter, <i>Nearest Whole</i> (mm)			
	Disk Content	Resistant	Intermediate	Susceptible
Penicillins (β- Lactam)				
Ampicillin	10 μ g	≤ 28	-	≥ 29
Methicillin	5 μ g	≤ 9	10-13	≥ 14
Amoxicillin	10 μ g	≤ 14	15-16	≥ 17
β- Lactam/ β- Lactamase Inhibitor Combinations				
Amoxicillin- Clavulanic Acid	20/ 10 μ g	≤ 13	14-17	≥ 18
Ampicillin- Sulbactam	10/ 10 μ g	≤ 11	12-14	≥ 15
Piperacillin- Tazobactam	100/ 10 μ g	≤ 17	18-20	≥ 21
Cephalosporin (β- Lactam)				
Cefepime	30 μ g	≤ 14	15-17	≥ 18
Ceftriaxone	30 μ g	≤ 13	14-20	≥ 21
Cefoperazone/ Sulbactam	75 μ g	≤ 15	16-20	≥ 21
Cefditoren	5 μ g	≤ 14	15-16	≥ 17
Carbapenem (β- Lactam)				
Meropenem	10 μ g	≤ 13	14-15	≥ 16
Aminoglycosides				
Amikacin	30 μ g	≤ 14	15-16	≥ 17
Kanamycin	30 μ g	≤ 13	14-17	≥ 18
Netilmicin	30 μ g	≤ 12	13-14	≥ 15
Tobramycin	10 μ g	≤ 12	13-14	≥ 15
Dibekacin	30 μ g	≤ 13	14-17	≥ 18
Fluoroquinolones				
Ciprofloxacin	5 μ g	≤ 15	16-20	≥ 21
Levofloxacin	5 μ g	≤ 13	14-16	≥ 17
Ofloxacin	5 μ g	≤ 12	13-15	≥ 16
Folate Pathway Inhibitors				
Trimethoprim- Sulfamethoxazole	1.25/ 23.75 μ	≤ 10	11-15	≥ 16
Trimethoprim	5 μ g	≤ 10	11-15	≥ 16
Phenicol				
Chloramphenicol	30 μ g	≤ 12	13-17	≥ 18
Nitrofurans				
Nitrofurantoin	300 μ g	≤ 14	15-16	≥ 17
Fosfomycins				
Fosfomycins	200 μ g	≤ 12	13-15	≥ 16
Oxazolidinones				
Linezolid	30 μ g	≤ 13	14-18	≥ 19
Glycopeptides				
Teicoplanin	30 μ g	≤ 10	11-13	≥ 14
Macrolides				
Erythromycin	15 μ g	≤ 13	14-22	≥ 23

lanjutan lampiran 2

4. *Streptococcus- γ hemoliticus (Enterococcus)*

Agen Antimikroba	Zone Diameter, <i>Nearest Whole</i> (mm)			
	Disk Content	Resistant	Intermediate	Susceptible
Penicillins (β- Lactam)				
Ampicillin	10 µg	≤ 16	-	≥ 17
Amoxicillin	10 µg	≤ 16	-	≥ 17
β- Lactam/ β- Lactamase Inhibitor Combinations				
Amoxicillin-Clavulanic Acid	20/ 10 µg	≤ 13	14-17	≥ 18
Ampicillin-Sulbactam	10/ 10 µg	≤ 11	12-14	≥ 15
Piperacillin-Tazobactam	100/ 10 µg	≤ 17	18-20	≥ 21
Cephalosporin (β- Lactam)				
Cefepime	30 µg	≤ 14	15-17	≥ 18
Cefoperazone/Sulbactam	75 µg	≤ 15	16-20	≥ 21
Ceftizoxime	30 µg	≤ 14	15-19	≥ 20
Cefditoren	5 µg	≤ 14	15-16	≥ 17
Carbapenem (β- Lactam)				
Meropenem	10 µg	≤ 13	14-15	≥ 16
Aminoglycosides				
Amikacin	30 µg	≤ 14	15-16	≥ 17
Kanamycin	30 µg	≤ 13	14-17	≥ 18
Tobramycin	10 µg	≤ 12	13-14	≥ 15
Dibekacin	30 µg	≤ 13	14-17	≥ 18
Fluoroquinolones				
Ciprofloxacin	5 µg	≤ 15	16-20	≥ 21
Levofloxacin	5 µg	≤ 13	14-16	≥ 17
Ofloxacin	5 µg	≤ 12	13-15	≥ 16
Quinolones				
Nalidixic Acid	30 µg	≤ 13	14-18	≥ 19
Pipemedic Acid	30 µg			≥ 22
Folate Pathway Inhibitors				
Trimethoprim- Sulfamethoxazole	1.25/ 23.75µg	≤ 10	11-15	≥ 16
Trimethoprim	5 µg	≤ 10	11-15	≥ 16
Phenicols				
Chloramphenicol	30 µg	≤ 12	13-17	≥ 18
Nitrofurans				
Nitrofurantoin	300 µg	≤ 14	15-16	≥ 17
Fosfomycins				
Fosfomycins	200 µg	≤ 12	13-15	≥ 16
Oxazolidinones				
Linezolid	30 µg	≤ 20	21-22	≥ 23

DAFTAR RIWAYAT HIDUP

Nama : Lingkana Wullur
Tempat Tanggal Lahir : Manado, 11 Agustus 1986
Alamat : Pondok Mutiara Kavling B Cimahi
Riwayat Pendidikan : 1999 lulus, SD ST. Jusup Cimahi
2002 lulus, SLTPN 1 Cimahi
2004 lulus, SMUN 5 Bandung
2005 s.d saat ini, mahasiswi Fakultas Kedokteran
Universitas Kristen Maranatha Bandung.