

DAFTAR PUSTAKA

- American thoracic society. Guidelines for management of adults with community- acquired pneumonia. Diagnosis, assessment of severity, antimicrobial therapy, and prevention. *Am J Respir Crit.Care Med* 2001; 163: 1730-54.
- Antonius. Faktor risiko infeksi respiratorik akut bawah pada anak di RSUP Dr. Kariadi 2009.
- Berezin EB. Treatment and prevention of nosocomial pneumonia. *Chest* 1995; 108: 1 S-16S.
- Bibliography of Scientific Publication on Antimicrobial Resistance from South-East Asia Region 1990-2010.
- Bilton D, Jones AL. European Respiratory Monograph: Bronchiectasis. European Respiratory Society. 2011;52:1–10.
- Bisht, R., Katiyar,A., Singh, R., Mittal, P. 2009. Antibiotic resistance- A global Issue of concern. Asian journal of pharmaceutical and clinical research. Centres for Disease Control and Prevention (US). Antibiotic resistance threats in the United States, 2013. Centres for Disease Control and Prevention, US Department of Health and Human Services, 2013.
- Gerberding JL, Sande MA. Infection Diseases of the lung dalam Murray JF, Nadel JA ed . *Texbook of respiratory Mdecine*, Philadelphia, Tokyo: WB Saunders Co, 2000: 73 5 -45.
- Global strategy for the diagnosis, management, and prevention of chronic obstructive pulmonary disease (2018 report) [Internet]. 2018 [cited 2018 Oct 1].
- Guerin, E. Cambray, G. Sanchez-Alberola, N. Campoy, S. Erill, I. Da Re S, et al.,2009, The SOS response controls integron recombination. *Science*, 324: 1034-7).

- Hansen DS, Schumacher H, Hansen F, Stegger M, Hertz FB, Schonning K. et al. Extended-spectrum β -lactamase (ESBL) in Danish clinical isolates of *Escherichia coli* and *Klebsiella pneumoniae*. *Scandinavian Journal of Infectious Diseases*. 2012;44(3):174-181.
- Haworth CS. Antibiotic treatment in adults with bronchiectasis. *European Respiratory Monograph: Bronchiectasis* 2011;2:211–222.
- Iseman D, Chan ED. Bronchiectasis in: Murray and Nadels's *Textbook of Respiratory Medicine* 5th ed. 2011;48: 853–876.
- Kakkilaya, Srinivas. *Rational Medicine: Rational use of antibiotics*.
- Kee JL, Hayes ER. *Pharmacology: a Nursing Process Approach*. Jakarta: Buku Kedokteran EGC. 1996. h. 324-327.
- Kee, J. L. dan Evelyn, R. H. 1996. *Farmakologi : Pendekatan proses Keperawatan*. Cetakan I. Jakarta. Penerbit Buku Kedokteran EGC. Hal. 305.
- Kumarasamy KK, Toleman M, Walsh TR, Bagaria J, Butt F, Balakrishnan R. et al. Emergence of a new antibiotic resistance mechanism in India, Pakistan: A molecular, biological, and epidemiological study. *Lancet Infectious Diseases*. 2010;2(10):597-602.
- Mulya Eltario, Lillah, Tuty Prihandani Pola Kuman dan Uji Sensivitas terhadap Antibiotik pada infeksi pleura di RSUP. Dr. M. Djamil Padang. 2018. *Jurnal Kesehatan Andalas*.
- Neal, Michael J. *Medical Pharmacology At a Glance*. Edisi 5. Penerbit Erlangga. 2006. h. 81.
- Neves PC, Guerra M, Ponce P, Miranda J, Vouga L. State-of-the-art - Pulmonary Non-cystic fibrosis bronchiectasis. *Interactive CardioVascular and Thoracic Surgery* 2011;13: 619–625.

- Padang: Pendidikan Dokter, Fakultas Kedokteran, Unand; 2007. Dan Parhusip. Pola bakteriologi infeksi saluran napas bawah. 2004.
- Pamela J, McShane I, Edward T, Naureckas I, Gregory T, Mary E. Non-Cystic Fibrosis Bronchiectasis. *American Journal Of Respiratory And Critical Care Medicine* 2013; 188: 647–656.
- Pasteur M C, Bilton D, Hill A T. British Thoracic Society guideline for non-CFbronchiectasis. 2010.
- Perceptions of Communities in Physicians in Use of Antibiotics.
- PPOK. Diagnosis dan penatalaksanaan. Jakarta: Perhimpunan Dokter Paru Indonesia; 2011.
- Rademacher J, Welte T. Bronchiectasis-Diagnosis and Treatment. *Deutsches Ärzteblatt International | Dtsch Arztebl Int* 2011; 108(48):809–15.
- Ramadhaniati. Mikroorganisme penyebab infeksi paru non tuberkulosis dan kepekaannya terhadap beberapa antibiotika di laboratorium RS Dr. M. Djamil Padang pada tahun 2006.
- Staf Pengajar Bagian Farmakologi Fakultas Kedokteran Universitas Indonesia. Farmakologi dan Terapi Edisi 5. Jakarta: Balai Penerbit FKUI. 2008. h. 585-586.
- Stringer, Janet L. *Basic Concepts in Pharmacology: a Student's Survival Guide*. Edisi 3. Jakarta: Buku Kedokteran EGC. 2006. h. 186 – 199.
- Thenmozhi S. Moorthu K. Suhershkumar B. T. Suresh M, 2014, Antibiotic Resistance Mechanism of ESBL Producing Enterobacteriaceae in Clinical Field : A Review, *International Journal Of Pure and Applied Bioscience* 2(3): 207-226).
- U. Hadi, DO. Deurink, ES. Lestari, NJ. Nagelkerke, S. Werter, M. Keuter, et al. Survey of antibiotic use of individual visiting public healthcare facilities in Indonesia. 2008.

Vestbo J, Papi A, Corradi M, Blazhko V, Montagna I, Francisco C, et al. Single inhaler extrafine triple therapy versus long-acting muscarinic antagonist therapy.

Wenzel PR, Edmond MB. *Managing Antibiotic Resistance. New England Journals of Medicine.* 2002. 343 : 1961-1963.

Widodo J, Pohan HT. Bunga Rampai Penyakit Infeksi. Jakarta : Pusat Informasi Dan Penerbitan Departemen Ilmu Penyakit Dalam Fakultas Kedokteran UI. 2004 : 42-49.

Young RJ, Murphy KR. Review of the 2009 Global initiative for chronic obstructive lung disease (GOLD) guidelines for the pharmacological management of chronic obstructive pulmonary disease. 2009.

LAMPIRAN

Lampiran 1 Biotada Penulis

Nama Lengkap : Nurul Aulia
Nama Panggilan : Aulia
NIM : C011171325
Tempat, Tanggal Lahir : Tanah Cicca, 18 Juli 1999
Jenis Kelamin : Perempuan
Pekerjaan : Mahasiswa
Agama : Islam
Golongan Darah : O
Alamat : Rusunawa 2 Unhas, blok C
No. Telp : 085225777136
Fakultas / Angkatan : Kedokteran / 2017
Email : nurulaulia180799@gmail.com
Nama Orang Tua :

- Ayah : Jufri
- Ibu : Farida

Pekerjaan Orang Tua

- Ayah : Wiraswasta
- Ibu : IRT

Riwayat Pendidikan



Jenjang	Institusi	Tahun Masuk	Tahun Lulus
TK	TK Aisyah Pangkajene	2004	2005
SD	SDN 5 Pangsid	2005	2011
SMP	SMPN 2 Pangsid	2011	2014

SMA	SMAN 1 Pangsid	2014	2017
KULIAH	Universitas Hasanuddin	2017	

Riwayat Organisasi

Nama Organisasi	Masa Jabatan
Medical Muslim Family	2017-sekarang
Tim Bantuan Medis Calcaneus	2017-sekarang

Lampiran 2 Surat Izin Penelitian RSUP Dr. Wahidin Sudirohusodo Makassar

 **KEMENTERIAN KESEHATAN REPUBLIK INDONESIA**
DIREKTORAT JENDERAL PELAYANAN KESEHATAN
RUMAH SAKIT UMUM PUSAT DR. WAHIDIN SUDIROHUSODO
Jalan Perintis Kemerdekaan Km. 11 Tamalanrea, Makassar, Kode Pos 90245
Telp. (0411) 584675 – 581818 (*Hunting*), Fax. (0411) 587676
Laman : www.rsupwahidin.com Surat Elektronik : tu@rsupwahidin.com 

Nomor : LB.02.01/2.2/16533/2020
Hal : Izin Penelitian
06 Oktober 2020

Yth. Ka. Inst. Rekam Medik


Dengan ini kami hadapkan peneliti :

Nama : Nurul Aulia
NIM : C011171325
Prog. Studi : Pend. Dokter
Institusi : Fak. Kedokteran Unhas
No. HP : +62 852-2577-7136

Yang bersangkutan akan melakukan penelitian dengan judul "Pola Kuman dan Resistensi Antibiotik pada Penyakit Infeksi Paru di RSUP. Dr. Wahidin Sudirohusodo Makassar", sesuai surat dari KPSSK FKUH dengan Nomor 15536/UN4.6.8/PT.01.04/2020, tertanggal 17 September 2020 Penelitian ini berlangsung selama tanggal 14 Oktober s.d 14 Desember 2020, dengan catatan selama penelitian berlangsung peneliti :

1. Wajib memakai ID Card selama melakukan penelitian
2. Wajib mematuhi peraturan dan tata tertib yang berlaku
3. Tidak mengganggu proses pelayanan terhadap pasien.
4. Tidak diperkenankan membawa status pasien keluar dari Ruang Rekam Medik
5. Tidak diperbolehkan mengambil gambar pasien dan identitas pasien harus dirahasiakan
6. Mematuhi protokol pencegahan Covid 19

Demikian Surat ini dibuat untuk di gunakan sebagaimana mestinya.


Ditandatangani dan Penelitian
dr. Sriwati Palaguna, Sp.A, M.Kes.
NIP 196105151987032009


KETERANGAN SELESAI MENGUMPULKAN DATA PENELITIAN

Bersama ini disampaikan bahwa mahasiswa yang tersebut dibawah ini :

Nama : Nurul Aulia
NIM : C011171325
Prog. Studi : Pend. Dokter FKUH

BENAR telah melakukan penelitian pada tanggal 14 Oktober s.d 14 Desember 2020 dengan tanpa mengganggu proses pelayanan.
Demikian keterangan ini dibuat untuk di gunakan sebagaimana mestinya.

Makassar ,
a.n.



Lampiran 3 Data Hasil Penmulis Pola Kuman dan Resistensi Antibiotik Pada Penyakit Infeksi Paru di Rumah Sakit Dr. Wahidin Sudirohusodo Makassar Periode Juni 2018 – Juni

NO	P/L	UMUR	NADI	RR	TD	SUHU	DIAGNOSIS	ANTIBIOTIK	LAB/TDK (R/S)	BAKTERI/VIRUS
1	L	61	90 kali/menit	28 x/menit	120/70 mmHg	36,5°C	PPOK	Moksifloksasin 400 mg IV Azithromycin 500 mg	-Resisten (Ampicilin, Cefoxitin, Cefotaxime, Ceftazidime, Ceftriaxone, Levofloxacin) -Sensitif (Amoxilin, Piperacilin, Cefoperazone, Doripenem, Meropenem, Amikacin, Gentamicin, Tobramicin, Doxycyclin)	Escherichia coli
2	L	53	80 x/menit	20 x/menit	120/80 mmHg	36,7°C	Bronkiektasis	Levofloxacin 750 mg IV	-Resisten (Ampicilin, Cefazolin, Ceftazidime, Ceftriaxone, Cefepime, Aztreonam, Gentamicin, Ciprofloxacin, Trimetoprim) -Sensitif (Ertapenem,	Klebsiella pneumonia 30

									MeropenemTi gecyclin, Nitrofurantoin	
3	L	35	82 x/menit	22 x/me nit	130/80 mmHg	36,7°C	Bronkiektasis	Levofloksacin 750 mg IV Metronidazole 500 mg IV	-Resisten (Ampicilin, Cefazolin, Ceftazidime, Ceftriaxone, Cefepime, Aztreonam, Gentamicin, Ciprofloxacin, Trimetoprim) -Sensitif (Ertapenem, MeropenemTi gecyclin, Nitrofurantoin)	Streptococcus pneumonia
4	L	7	110 x/menit	38 x/me nit	90/60 mmHg	37°C	Pneumonia	Ceftazidime 700 mg IV	-Resisten (Ampicillin, Doxycyclin) -Sensitif (Amoxilin, Piperacilin, Cefoxitin, Cefotaxime, Ceftazidime, Ceftriaxone, Cefoperazone, Doripenem, Imipenem,	Klebsiella pneumonia

									Meropenem, Amikacin, Gentamicin, Tobramcin, Levofloxacin)	
5	L	71	88 x/menit	26 x/me nit	160/90 mmHg	36,7°C	PPOK	Ceftazidime 2 gr IV	Sensitif -Resisten (Ampicillin, Doxycyclin) -Sensitif (Amoxilin, Piperacilin, Cefoxitin, Cefotaxime, Ceftazidime, Ceftriaxone, Cefoperazone, Doripenem, Imipenem, Meropenem, Amikacin, Gentamicin, Tobramcin, Levofloxacin)	Klebsiella pneumonia
6	L	51	88 x/menit	26 x/me nit	130/70 mmHg	36,6°C	PPOK	Ceftazidime 2 gr IV	Sensitif -Resisten (Ampicillin, Doxycyclin) -Sensitif (Klebsiella pneumonia

									Amoxilin, Piperacilin, Cefoxitin, Cefotaxime, Ceftazidime, Ceftriaxone, Cefoperazone, Doripenem, Imipenem, Meropenem, Amikacin, Gentamicin, Tobramcin, Levofloxacin)	
7	L	71	80 x/menit	20 x/me nit	150/80 mmHg	36,5°C	PPOK	Ceftriaxone 2 gr IV	Sensitif -Resisten (Ampicillin, Piperacillin, Levofloxacin) -Sensitif (Amoxilin, Cefoxitin, Cefotaxime, Ceftazidime, Ceftriaxone, Cefoperazone, Doripenem, Imipenem, Meropenem, Amikacin	Enterobacter aerogenes
8	L	71	60	20	130/70	36°C	PPOK	Ceftazidime 1 gr IV	-Resisten	Klebsiella pneumonia

			x/menit	x/me nit	mmHg				(Ampicilin, Cefazolin, Azteonam, Nitrofurantoin) -Sensiif (Ampicilin- Sulbactam, Piperacilin, Ceftazidime, Cefepime, Meropenem, Amikacin, Gentamicin, Ciprofloxacine, Tigecycline, Trimetropim)	
9	L	42	80 x/menit	22 x/me nit	140/10 0 mmH G		PPOK	Ceftazidime 1 gr IV	-Resisten (Ampicillin, Cefazolin, Azteonam, Nitrofurantoin) -Sensiif (Ampicilin- Sulbactam, Piperacilin, Ceftazidime, Cefepime, Meropenem, Amikacin,	Bacillus spp (kontaminan)

									Gentamicin, Ciprofloxacin, Tigecycline, Trimetoprim)	
10	L	59	80 x/menit	20 x/me nit	120/80 mmHg	36,7°C	Bronkiektasis	Levofloxacin 750 mg IV	-Resisten (Ampicilin, Cefazolin, Ceftazidime, Ceftriaxone, Cefepime, Aztreonam, Gentamicin, Ciprofloxacin, Trimetoprim) -Sensitif (Ertapenem, MeropenemTi gecyclin, Nitrofurantoin	Rothia mucilaginosa
11	L	72	88 x/menit	18 x/me nit	140/90 mmH G	36,5°C	Bronkiektasis	Levofloxacin 750 mg IV	-Resisten (Ampicilin, Cefazolin, Ceftazidime, Ceftriaxone, Cefepime, Aztreonam, Gentamicin, Ciprofloxacin, Trimetoprim) -Sensitif (Ertapenem,	Klebsiella pneumonia

									Meropenem Tigecyclin, Nitrofurantoin)	
12	P	1 bulan	112 x/menit				Pneumonia	Gentamicin 13 mg IV	Sensitive -Resisten (Ampicillin, Cefazolin, Ceftriaxone, Ceftazidime, Cefepime, Aztreonam, Trimetoprim -Sensitif (Piperacilin, ERTAPENEM, Meropenem, Amikacin, Gentamicin Ciprofloxacin, Tigecyclin, Nitrofurantoin	Klebsiella pneumonia
13	P	68	66 x/menit	20 x/menit	100/60 mmHg	36,6°C	Pneumonia	Kotrimoksazol 960 mg	-Resisten (Ampicillin) -Sensitif (Ampicilin-Sulbactam, Piperacilin, Ceftazidime, Ceftriaxone,	Klebsiella pneumonia

										Cefoperazone, Doripenem, Imipenem, Meropenem, Amikacin, Gentamicin, Ciprofloxacin, Tigecyclin, Trimetropin)	
14	L	61	99 x/menit	24 x/me nit	130/70 mmHg	36,4°C	Bronkiektasis	Azythromycin 500 mg	-Resisten (Ampicilin, Cefoxitin, Cefotaxime, Ceftazidime, Ceftriaxone, Levofloxacin) -Sensitif (Amoxilin, Piperacilin,Cef operazone, Doripenem, Meropenem, Amikacin, Gentamicin, Tobramicin, Doxycyclin)	Escherichia coli	
15	L	49	80 x/menit	18 x/me nit	150/90 mmHg	36,8°C	Pneumonia	Ceftriaxone 2 gr IV	-Resisten (Ampicillin, Piperacillin, Levofloxacin) -Sensitif	Klebsiella pneumonia	

									(Amoxilin, Cefoxitin, Cefotaxime, Ceftazidime, Ceftriaxone, Cefoperazone, Doripenem, Imipenem, Meropenem, Amikacin	
16	L	60	53 x/menit	20 x/me nit	103/65 mmHg	36,5°C	Pneumonia	Ceftriaxone 2 gr IV Ampicilin 2 gr IV Metronidazole 500 mg IV	-Resisten (Ampicillin, Piperacillin, Levofloxacin) -Sensitif (Amoxilin, Cefoxitin, Cefotaxime, Ceftazidime, Ceftriaxone, Cefoperazone, Doripenem, Imipenem, Meropenem, Amikacin	Klebsiella pneumonia
17	L	59	84 x/menit	24 x/me nit	111/78 mmHg	38°C	Pneumonia	Ceftazidime 1 gr IV Azitromicyn 500 mg	-Resisten (Ampicillin, Doxycyclin) -Sensitif (Amoxilin, Piperacilin,	Klebsiella pneumonia

									Cefoxitin, Cefotaxime, Ceftazidime, Ceftriaxone, Cefoperazone, Doripenem, Imipenem, Meropenem, Amikacin, Gentamicin, Tobramcin, Levofloxacin)	
18	L	59	69 x/menit	28 x/me nit	120/80 mmHg	36,7°C	Bronkiektasis	Cefixime 200 mg	-Resisten (Ampicilli, Amoxilin, Piperacillin, Cefoxitin, Cefotaxime, Ceftriaxone, Ceftrazidime, Cefoperazone, Doripenem, Imipenem, Meropenem, Amikacin, Gentamicin, Tobramicin) -Sensitif (Doxycyclin), Levofloxacin	Klebsiella pneumonia
19	L	56	88 x/menit	22 x/me	130/80 mmHg	36°C	PPOK	Ceftazidime 1 gr	Sensitive	Acinetobacter baumannii

				nit						<p>-Resisten (Ampicilin, Cefazolin, Azteonam, Nitrofurantoin)</p> <p>-Sensiif (Ampicilin, Piperacilin, Ceftazidime, Cefepime, Meropenem, Amikacin, Gentamicin, Ciprofloxacine, Tigecycline, Trimetropim)</p>	
20	L	59	92 x/menit	24 x/menit	127/75	37°C	Bronkiektasis	Ceftriaxone 2 gr IV	<p>Resisten</p> <p>-Resisten (Piperacilin, Cefazolin, Cefepime, Aztreonam, Amikacin, Gentamicin, Ciprofloxacine, Trimetoprim)</p> <p>-Sensitif (Ceftazidime, Meropenem)</p>	Achromobacter xylosoxidans	

21	P	20	101 x/menit	28 x/me nit	120/70 mmHg	36,4°C	Pneumonia	Cefotaxime 1 gr IV	Resisten (Ampicillin, Cefazolin, Ceftriaxone, Ceftazidime, Cefepime, Aztreonam, Trimetoprim) -Sensitif (Ampicilin-Sulbactam, Piperacilin, ERTAPENEM, Meropenem, Amikacin, Gentamicin, Ciprofloxacina, Tigecyclin, Nitrofurantoin)	Klebsiella pneumonia
22	P	72	88 x/menit		112/80 x/meni t	36,2°C	Bronkiektasis	Ceftazidime 1 gr IV	-Resisten (Ampicillin, Doxycyclin) -Sensitif (Amoxilin, Piperacilin, Cefoxitin, Cefotaxime, Ceftazidime, Ceftriaxone, Cefoperazone, Doripenem,	Klebsiella pneumonia

									Imipenem, Meropenem, Amikacin, Gentamicin, Tobramcin, Levofloxacin)	
23	P	54	84 x/menit	24 x/me nit	120/80 mmHg	36,7°C	Pneumonia	Levofloxacin 750 mg IV	Resisten -Resisten (Benzylpenicil in, Oxacilin, Gentamicin, Ciprofloxacin, Moxifloxacin, Erytromicin, Tetracyclin, Trimetoprim) -Sensitif (Clindamicyn, Quinupristin, Linezolid, Vencomycin, Rifampicin, Tigecyclin)	Staphylococcus haemolyticus
24	L	76	88 x/menit	20 x/me nit	120/80 mmHg	36,2°C	PPOK	Azithromycin 500 mg	-Resisten (Ampicilin, Cefoxitin, Cefotaxime, Ceftazidime, Ceftriaxone, Levofloxacin)	Escherichia coli

										-Sensitif (Amoxilin, Piperacilin,Cef operazone, Doripenem, Meropenem, Amikacin, Gentamicin, Tobramicin, Doxycyclin)	
25	P	70	66 x/menit	20 x/me nit	100/60 mmHg	36,5°C	Pneumonia	Cefotaxime 2 gr IV	(resisten : Ampicillin) -Sensitife (Ampicilin- Sulbactam, Piperacilin, Ceftazidime, Ceftriaxone,C efepime, Aztreonam, Ertapenem, Meropenem, Amikacin, Getamicin, Ciprofloxacin, Tigecyclin, Trimetropim)	Klebsiella pneumoniae	
26	L	4	130 x/menit	52 x/me nit	90/60 mmHg	39°C	Pneumonia	Ceftriaxone 1 gr IV	-Resisten (Ampicillin, Piperacillin, Levofloxacin)	Klebsiella pneumonia	

										-Sensitif (Amoxilin, Cefoxitin, Cefotaxime, Ceftazidime, Ceftriaxone, Cefoperazone, Doripenem, Imipenem, Meropenem, Amikacin)	
27	P	8	112 x/menit	23 x/me nit	90/60 mmHg	37,1°C	Pneumonia	Cefixime 100 mg IV	-Resisten (Ampicilli, Amoxilin, Piperacillin, Cefoxitin, Cefotaxime, Ceftriaxone, Ceftrazidime, Cefoperazone, Doripenem, Imipenem, Meropenem, Amikacin, Gentamicin, Tobramicin) -Sensitif (Doxycyclin), Levofloxacin	Klebsiella pneumonia	
28	L	58	80 x/menit	20 x/me nit	130/70 mmHg	36,5°C	Pneumonia	Cefotaxime 1 gr IV	Resisten (Ampicillin, Cefazolin,	Klebsiella pneumonia	

									<p>Ceftriaxone, Ceftazidime, Cefepime, Aztreonam, Trimetoprim</p> <p>-Sensitif (Piperacilin, ERTAPENEM, Meropenem, Amikacin, Gentamicin Ciprofloxacin, Tigecyclin, Nitrofurantoin</p>	
29	P	3	118 x/menit	28 x/menit		36,6°C	Pneumonia	Cefixime cap 100 mg	<p>-Resisten (Ampicilli, Amoxilin, Piperacillin, Cefoxitin, Cefotaxime, Ceftriaxone, Ceftazidime, Cefoperazone, Doripenem, Imipenem, Meropenem, Amikacin, Gentamicin, Tobramicin)</p> <p>-Sensitif (Doxycyclin),</p>	Klebsiella pneumonia

									Levofloxacin)	
30	L	2	140 x/menit	65 x/me nit		37,6°C	Pneumonia	Ampicillin 70 mg IV	-Resisten (Cefazolin, Azteonam, Nitrofurantoin) -Sensiif (Ampicilin, Piperacilin, Ceftazidime, Cefepime, Meropenem, Amikacin, Gentamicin, Ciprofloxacin, Tigecycline, Trimetropim)	Klebsiella pneumonia
31	L	66	88 x/menit	20 x/me nit	87/64 mmHg	36°C	PPOK	Ceftazidime 1 gr IV	-Resisten (Ampicillin, Doxycyclin) -Sensitif (Amoxilin, Piperacilin, Cefoxitin, Cefotaxime, Ceftazidime, Ceftriaxone, Cefoperazone, Doripenem, Imipenem, Meropenem,	Klebsiella pneumonia

									Amikacin, Gentamicin, Tobramcin, Levofloxacin)	
32	P	70	87 x/menit	22 x/me nit	120/80 mmHg	36,7°C	Pneumonia	Ceftriaxone 2 gr IV	-Resisten (Ampicilin, Cefoxitin, Cefotaxime, Ceftazidime, Ceftriaxone, Levofloxacin) -Sensitif (Amoxilin, Piperacilin, Cefoperazone, Doripenem, Imipenem, Meropenem, Amikacin, Gentamicin, Tobramicin Doxycyclin)	Klebsiella pneumonia
33	L	21					Pneumonia	Azithromicin 500 mg	-Resisten (Ampicilin, Cefoxitin, Cefotaxime, Ceftazidime, Ceftriaxone, Levofloxacin) -Sensitif (Amoxilin,	Escherichia coli

									Piperacilin,Cefoperazone, Doripenem, Meropenem, Amikacin, Gentamicin, Tobramicin, Doxycyclin)	
34	L	75	100 x/menit	22 x/menit	110/70 mmHg		Pneumonia	Ceftazidime 1 gr IV	-Resisten (Ampicilin, Cefazolin, Azteonam, Nitrofurantoin) -Sensiif (Ampicilin, Piperacilin, Ceftazidime, Cefepime, Meropenem, Amikacin, Gentamicin, Ciprofloxacina, Tigecycline, Trimetropim)	Klebsiella pneumonia
35	L	63	100 x/menit	23 x/menit	150/90 mmHg	37°C	Pneumonia	Ceftriaxone 2 gr IV	Resisten -Resisten (Piperacilin, Cefazolin,Cefepime, Aztreonam,	Klebsiella pneumonia

									Amikacin, Gentamicin, Ciprofloxacin, Trimetoprim)	
									-Sensitif (Ceftazidime, Meropenem)	
36	P	26	112 x/menit	16 x/me nit	200/10 0 mmHg		Pneumonia	Meropenem 500 mg IV	-Sensitif (Levofloxacin) _Resisten (Ampicilin, Piperacilin, Ceftazidime, Cefepime, Meropenem, Amikacin, Gentamicin, Ciprofloxacin, Tigecycline, Trimetropim)	Staphylococcus haemolyticus