




## LAMPIRAN I

	<p>YAYASAN RUMAH SAKIT PANTI NIRMALA</p> <p><b>RUMAH SAKIT PANTI NIRMALA</b></p> <p>TERAKREDITASI PARIPURNA SNARS EDISI 1</p> <p>Nomor : KARS-SERT / 205 / XII / 2018</p> <p>Jl. Kebalen Wetan No. 2 - 8 Malang 65134</p> <p>Telp. (0341) 362459, 331100 Fax. (0341) 327930 E-mail : rspnmlg@yahoo.com</p>	
<p>Nomor : 0076/070/RSPN/II/2022</p> <p>Lampiran : -</p> <p>Perihal : <b>Jawaban Izin Penelitian</b></p>		
<p>Kepada Yth.</p> <p><b>Rektor ITSK RS dr. Soepraoen</b></p> <p>Di tempat</p> <p>Dengan hormat,</p> <p>Menindaklanjuti surat Saudara No. B/0054/II/2022 yang kami terima pada tanggal 16 Februari 2022 perihal Permohonan Ijin Penelitian di Rumah Sakit Panti Nirmala Malang, atas nama mahasiswa sebagai berikut:</p> <p>Nama : Luluk Riastuti</p> <p>NIM : 194088</p> <p>Program Studi : Farmasi</p> <p>Judul Penelitian: Gambaran Interaksi Obat Pasien COVID-19 dengan Komorbid DM Tipe 2 Rawat Inap di Rumah Sakit Panti Nirmala Malang</p> <p>Maka pada prinsipnya kami dapat mengabulkan permohonan Saudara.</p> <p>Demikian kami sampaikan, atas perhatian dan kerjasama yang baik kami sampaikan terima kasih.</p> <p>Malang, 07 Maret 2022</p> <p>RUMAH SAKIT PANTI NIRMALA</p> <p style="text-align: center;">   <u>dr. Cecilia Widayati Imam, MMRS,</u>          Direktur Utama       </p>		

## LAMPIRAN II

NO	JENIS KELAMIN	UMUR	TERAPI COVID			TERAPI DM			STOP/LANJUT	KETERANGAN			JUMLAH OBAT
			NAMA OBAT	DOSIS	FREKUENSI	NAMA OBAT	DOSIS	FREKUENSI		INTERAKSI	K. KEPARAHAN	POTENSI IO	
1	P	66	Azithromycin inj	500 mg	1-0-0	Glimepiride	1 MG	1-0-0		Hidrocortison + Glimepiride	Moderat	INTERAKSI	5
			Hidrocortison inj	100 mg	2X1								
			Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)								
			Vit D tab	5000MG	1-0-0								
2	L	57	Azithromycin inj	500 MG	1-0-0	Glimepiride	3 MG	1-0-0.AC		Levofloxacin + Glimepiride	Moderat	INTERAKSI	7
			Osetamivir cap	75 MG	2X1	Metformin	500 MG	1-0-0					
			Dexamethasone inj	6 MG	1X1								
			Meropenem inj	1 G	2X1								
			Levofloxacin inf	750 MG	1-0-0								
3	P	47	Azithromycin inj	500 MG	1-0-0	Metformin	500 MG	2X1		Hidrocortison + Glimepiride	Moderat	INTERAKSI	6
			Vit D tab	5000 MG	1-0-0	Glimepiride	3 MG	1-0-0.AC					
			Hidrocortison inj	100 MG	2X1								
			Vit C inj	500 MG	2X1								
4	L	59	Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)	Vildagliptin	50 MG	1-0-0	Levofloxacin stop ganti moxifloxacin	Moxifloxacin + Vildagliptin	Moderat	INTERAKSI	5
			Levofloxacin tab	750 MG	1-0-0								
			Levofloxacin inf	400 MG	1-0-0								
			Vit C inj	200 MG	3X1								
5	L	60	Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)	Glimepiride	2 MG	1-0-0.AC		Levofloxacin + Glimepiride	Mayor	INTERAKSI	6
			Dexamethasone tab	0,5 MG	1-0-0	Metformin	500 MG	2X1					
			Azithromycin tab	500 MG	1-0-0								
			Levofloxacin inf	750 MG	1-0-0								
6	P	61	Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)	Glimepiride	3 MG	1-0-0.AC		levofloxacin + Glimepiride	Mayor	INTERAKSI	6
			Levofloxacin inf	750 MG	1-0-0	Metformin	500 MG	2X1					
			Dexamethasone inj	6 MG	1-0-0								
			Vit C inj	500 MG	2X1								
7	L	63	Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)	Metformin	500 MG	2X1		Levofloxacin + Metformin	Moderat	INTERAKSI	5
			Levofloxacin tab	750 MG	1-0-0								
			Dexamethasone inj	6 MG	1-0-0								
			Vit C inj	300 MG	3X1								
8	P	71	Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)	Pioglitazone	15 MG	1-0-0		Dexamethasone + Levofloxacin	Mayor	INTERAKSI	5
			Levofloxacin inf	750 MG	1-0-0								
			Dexamethasone inj	6 MG	1-0-0								
			Vit C inj	500 MG	1-0-0								
9	L	70	Levofloxacin inf	750 MG	1-0-0	Gliclazide	60 MG	1-0-0		Dexamethasone + Levofloxacin	MINOR	INTERAKSI	4
			Dexamethasone inj	6 MG	1-0-0								
			Remdesivir inj	100 MG	1X2(H1)1X1(H2-5)								
10	L	62	Levofloxacin inf	750 MG	1X1	Glimepiride	2 MG	1-0-0.AC		Levofloxacin + Glimepiride	Mayor	INTERAKSI	4
			Vit D tab	1000 MG	2X1	Metformin	500 MG	2X1					



21	P	75	Ceftriaxone inj	1 G	2X1	Metformin	500 MG	2X1				T. INTERAKSI	7
			Vit C inj	200 MG	3X1	Glimepiride	2 MG	1-0-0 AC					
			Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)								
			Vit D tab	5000 MG	1-0-0								
22	L	70	Dexamethasone inj	6 MG	1-0-0	Metformin	500 MG	1-0-0		Levofloxacin + glimepiride	Mayor	INTERAKSI	5
			Levofloxacin inf	750 MG	1-0-0	Glimepiride	1 MG	1-0-0			Moderat		
			Remdesivir inj	100 MG	1X2(H1) 1X1(H2-5)						Mayor		
											Moderat		
23	L	46	Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)	Glimepiride	3 MG	1-0-0 AC		Levofloxacin + Glimepiride	Mayor	INTERAKSI	4
			Levofloxacin inf	750 MG	1-0-0								
			Vit C inj	500 MG	1-0-0								
24	P	61	Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)	Metformin	500 MG	1-0-0		Hidrocortison + Glimepiride	Moderat	INTERAKSI	5
			Azithromycin inj	500 MG	1-0-0	Glimepiride	2 MG	1-0-0			Moderat		
			Hidrocortison inj	100 MG	2X1								
25	L	46	Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)	Linagliptin	5MG	1-0-0	Favipiravir stop ganti actemra	Glimepiride + Linagliptin	Moderat	INTERAKSI	9
			Dexamethasone inj	6 MG	1-0-0	Metformin	500 MG	1-0-0					
			Remdesivir inj	100 MG	1X2(H1) 1X1(H2-5)	Glimepiride	2 MG	1-0-0					
			Meropenem inj	1 G	3X1								
26	P	59	Azithromycin inj	500 MG	1-0-0	Metformin	500 MG	1-0-0	Remdesivir stop ganti actemra	Hidrocortison + Glimepiride	Moderat	INTERAKSI	8
			Hidrocortison inj	100 MG	2X1	Glimepiride	2 MG	1-0-0			Moderat		
			Remdesivir inj	100 MG	1X2(H1) 1X1(H2-5)								
			Actemra inj	400 MG	1X1								
27	P	47	Levofloxacin inf	750 MG	1-0-0	Glimepiride	2MG	1-0-0		Levofloxacin + Glimepiride	Mayor		6
						Vildagliptin	50 MG	1-0-0					
			Remdesivir inj	100 MG	1X2(H1) 1X1(H2-5)								
			Vit D tab										
28	P	65	Remdesivir inj	100 MG	1X2(H1) 1X1(H2-5)	Metformin	500 MG	2X1				T. INTERAKSI	4
			Vit C inj	200 MG	3X1								
			Ceftriaxone inj	1 G	2X1								
29	L	59	Levofloxacin inf	750 MG	1-0-0	Metformin	500 MG	2X1		Levofloxacin + Metformin	Moderat	T. INTERAKSI	5
			Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)						Mayor		
			Meropenem inj	1 G	3X1						Moderat		
			Dexamethasone inj	6 MG	1-0-0								
30	P	55	Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)					Hidrocortison + Glimepiride	Moderat	INTERAKSI	5
			Azithromycin inj	500 MG	1-0-0	Glimepiride	2 MG	1-0-0					
			Hidrocortison inj	100 MG	2X1								
			Vit D tab	1000 MG	2X1								

31	L	64	Dexamethasone inj	6 MG	1-0-0	Glimepiride	2 MG	1-0-0		Levofloxacin + Metformin	Moderat	INTERAKSI	7
			Levofloxacin inf	750 MG	1-0-0	Metformin	500 MG	1-0-0		Levofloxacin + Glimepiride	Mayor		
			Remdesivir inj	100 MG	1X2(H1)1X1(H2-5)					Dexamethasone + Levofloxacin	Mayor		
			Vit C inj	500 MG	3X1					Dexamethasone + Glimepiride	Moderat		
			Vit D tab	1000 MG	3X1					Dexamethasone + Metformin	Moderat		
32	L	51	Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)	Metformin	500 MG	2X1		Levofloxacin + Metformin	Moderat	INTERAKSI	5
			Levofloxacin inf	750 MG	1-0-0	Glimepiride	2 MG	1-0-0		Levofloxacin + Glimepiride	Mayor		
			Vit C inj	200 MG	3X1								
33	L	42	Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)	Linagliptin		0-1-0		Glimepiride + Linagliptin	Moderat	INTERAKSI	6
			Levofloxacin inf	750 MG	1-0-0	Metformin	500 MG	2X1		Levofloxacin + Glimepiride	Mayor		
			Metformin	500 MG	1-0-0	Glimepiride	2 MG	1-0-0		Levofloxacin + Metformin	Moderat		
34	L	54	Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)	Glizazide	60 MG	1-0-0				INTERAKSI	8
			Hidrokortison inj	100 MG	2X1	Metformin	500 MG	2X1					
			Vit C inj	200 MG	3X1					Hidrokortison + Metformin	Moderat		
			Vit D tab	5000 MG	1-0-0								
35	P	64	Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)	Vildagliptin	50 MG	1-0-0				INTERAKSI	6
			Moxifloxacin inf	400 MG	1-0-0	Metformin	500 MG	2X1		Moxifloxacin + Vildagliptin	Moderat		
						Glíquidon	30 MG	0-1-0		Moxifloxacin + Metformin	Moderat		
36	L	57	Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)	Acarbose	50 MG	2X1		Levofloxacin + Acarbose	Moderat	INTERAKSI	7
			Levofloxacin inf	750 MG	1-0-0	Glimepiride	4 MG	1-0-0		Levofloxacin + Glimepiride	Mayor		
			Vit C inj	1000 MG	1-0-0	Metformin	500 MG	2X1		Levofloxacin + Metformin	Moderat		
			Vit D tab	5000 MG	1-0-0								
37	L	71	Levofloxacin inf	750 MG	1-0-0	Glimepiride	2 MG	1-0-0		Levofloxacin + Glimepiride	Mayor	INTERAKSI	5
			Dexamethasone inj	6 MG	1-0-0					Dexamethasone + Levofloxacin	Mayor		
			Methylprednisolone inj	125 MG	1X1/2					Dexamethasone + Methylprednisolone	Minor		
			Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)					Methylprednisolone + Levofloxacin	Mayor		
										Dexamethasone + Glimepiride	Moderat		
38	L	73	Azithromycin inj	500 MG	1-0-0	Metformin	500 MG	2X1				INTERAKSI	6
			Hidrokortison inj	100 MG	2X1	Glimepiride	1 MG	1-0-0		Hidrokortison + Metformin	Moderat		
			Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)								
			Vit C inj	200 MG	3X1								
39	P	77	Vit D tab	5000 MG	1-0-0	Glimepiride	2 MG	1-0-0	Remdesivir stop ganti actemra	Hidrokortison + Metformin	Moderat	INTERAKSI	8
			Azithromycin inj	500 MG	1-0-0	Metformin	500 MG	2X1		Hidrokortison + Glimepiride	Moderat		
			Hidrokortison inj	100 MGG	2X1								
			Remdesivir inj	100 MG	1X2(H1)1X1(H2-5)								
			Meropenem inj	1 G	3X1								
40	P	48	Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)	Metformin	500 MG			Levofloxacin + Metformin	Moderat	INTERAKSI	6
			Vit D tab	5000 MG	1-0-0					Dexamethasone + Levofloxacin	Mayor		
			Levofloxacin inf	750 MG	1-0-0					Dexamethasone + Metformin	Moderat		
			Vit C inj	200 MG	3X1								
			Dexamethasone inj	6 MG	1-0-0								

41	L	65	Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)	Glimepiride	2 MG	1-0-0	Levofloxacin + Glimepiride	Mayor	INTERAKSI	5
			Dexamethasone inj	6 MG	1-0-0	Metformin	500 MG	2X1	Levofloxacin + Metformin	Moderat		
			Levofloxacin inf	750 MG	1-0-0				Dexamethasone + Metformin	Moderat		
									Dexamethasone inj + Levofloxacin	Mayor		
								Dexamethasone + Glimepiride	Moderat			
42	P	64	Vit D tab	5000 MG	2X1	Metformin	500 MG	2X1	Hidrokortison inj + Metformin		INTERAKSI	5
			Azithromycin inj	500 MG	1-0-0							
			Hidrokortison inj	100 MG	2X1							
			Remdesivir inj	100 MG	1X2(H1)1X1(H2-5)							
43	L	80	Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)	Metformin	500 MG	2X1	Moxifloxacin + Metformin	Moderat	INTERAKSI	6
			Vit D tab	5000 MG	1-0-0				Hidrokortison + Moxifloxacin	Moderat		
			Hidrokortison inj	100 MG	2X1				Acthromycin + Moxifloxacin	Moderat		
			Azithromycin inj	500 MG	1-0-0				Hidrokortison + Metformin	Moderat		
			Moxifloxacin inf	400 MG	1-0-0							
44	P	56	Levofloxacin inf	750 MG	1-0-0	Pioglitazone	30 MG	1-0-0	Levofloxacin + Glimepiride	Mayor	INTERAKSI	6
			Dexamethasone inj	6 MG	1-0-0	Glimepiride	3 MG	1-0-0	Levofloxacin + Pioglitazone	Moderat		
			Remdesivir inj	100 MG	1X2(H1)1X1(H2-5)				Dexamethasone + Levofloxacin	Mayor		
			Meropenem inj	1 G	2X1				Dexamethasone + Glimepiride	Moderat		
								Dexamethasone + Pioglitazone	Moderat			
45	L	67	Favipiravir tab	20 MG	2X8(H1) 2X3 (H2 DST)	Metformin	500 MG	1-0-0			T. INTERAKSI	4
			Meropenem inj	1 G	3X1	Glimepiride	2 MG	1-0-0				
46	L	69	Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)	Metformin	500 MG	2X1	Dexamethasone + Methylprednisolone	Minor	INTERAKSI	7
			Ceftriaxone inj	1 G	2X1	Glimepiride	2 MG	1-0-0	Dexamethasone + Metformin	MINOR		
			Vit C inj	200 MG	3X1				Dexamethasone + Glimepiride	MINOR		
			Dexamethasone inj	6 MG	1-0-0				Methylprednisolone + Metformin	MINOR		
								Methylprednisolone + Glimepiride	MINOR			
47	L	65	Vit D tab	5000 MG	1-0-0	Metformin	500 MG	1-0-0	Levofloxacin + Metformin	Moderat	INTERAKSI	6
			Levofloxacin inf	500 MG	1-0-0	Glibenclamide	5 MG	1-0-0	Dexamethasone + Levofloxacin	Mayor		
			Remdesivir inj	100 MG	1X2(H1)1X1(H2-5)				Dexamethasone + Metformin	Moderat		
			Dexamethasone inj	6 MG	1-0-0							
48	P	52	Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)	Metformin	500 MG		Levofloxacin + Metformin	Moderat	INTERAKSI	6
			Azithromycin inj	500 MG	1-0-0							
			Vit C inj	200 MG	3X1							
			Levofloxacin inf	750 MG	1-0-0							
			Vit D tab	1000	3X1							
49	L	66	Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)	Metformin	500 MG	2X1	Hidrokortison inj + Metformin		INTERAKSI	6
			Vit D tab	5000 MG	1-0-0							
			Azithromycin inj	500 MG	1-0-0							
			Hidrokortison inj	100 MG	2X1							
50	L	75	Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)	Metformin	500 MG	2X1			T. INTERAKSI	6
			Vit D tab	5000 MG	2X1	Glimepiride	2 MG	1-0-0				
			Ceftriaxone inj	1 G	2X1							
			Vit C inj	500 MG	2X1							
51	P	50	Vit D tab	5000 MG	1-0-0	Metformin	500 MG	2X1	Levofloxacin + Glimepiride	Mayor	INTERAKSI	6
			Levofloxacin inf	750 MG	1-0-0	Glimepiride	2 MG	1-0-0	Levofloxacin + Metformin	Moderat		
			Remdesivir inj	100 MG	1X2(H1)1X1(H2-5)				Dexamethasone + Levofloxacin	Mayor		
			Dexamethasone inj	6 MG	1X1				Dexamethasone + Glimepiride	Moderat		
								Dexamethasone + Metformin	Moderat			
52	L	61	Ceftriaxone inj	1 G	2X1	Metformin	500 MG	2X1	Remdesivir stop ganti actemra		T. INTERAKSI	7
			Actemra inj	400 MG	1-0-0	Glimepiride	2 MG	1-0-0				
			Remdesivir inj	100 MG	1X2(H1)1X1(H2-5)							
53	L	47	Favipiravir tab	200 MG	2X8(H1) 2X3 (H2 DST)	Glimepiride		2 1-0-0	Favipiravir stop ganti actemra	Moxifloxacin + Glimepiride	Mayor	5
			Meropenem inj	1 G	2X1							
			Moxifloxacin inf	400 MG	1-0-0							
			Actemra inj	400 MG	1-0-0							
54	L	84	Azithromycin inj	500 MG	1-0-0	Glimepiride	2 MG	1-0-0	Hidrokortison + Glimepiride	Moderat	INTERAKSI	5
			Hidrokortison inj	100 MG	2X1							
			Meropenem inj	1 G	2X1							
55	P	67	Levofloxacin inf	750 MG	1-0-0	Metformin	500 MG	2X1	Levofloxacin + Glimepiride	Mayor	INTERAKSI	5
			Dexamethasone inj	6 MG	1-0-0	Glimepiride	2 MG	1-0-0	Levofloxacin + Metformin	Moderat		
			Remdesivir inj	100 MG	1X2(H1)1X1(H2-5)				Dexamethasone + Levofloxacin	Mayor		
									Dexamethasone + Glimepiride	Moderat		
								Dexamethasone + Metformin	Moderat			

## LAMPIRAN III

KARAKTERISTIK PASIEN	KARAKTERISTIK PASIEN	N	PERSENTASE%
JENIS KELAMIN	Laki-laki	33	60.00%
	Perempuan	22	40.00%
USIA	40 - 49 Tahun	7	12.73%
	50 - 59 Tahun	14	25.45%
	60 - 69 Tahun	23	41.82%
	70 - 79 Tahun	9	16.36%
	80 - 89 Tahun	2	3.64%
<b>TOTAL</b>		<b>55</b>	<b>100.00%</b>

GAMBARAN UMUM	PARAMETER		PERSENTASE %
	Jumlah obat	N	
JUMLAH OBAT	2-5 obat	26	47.27%
	>5 obat	29	52.73%
<b>TOTAL</b>		<b>55</b>	<b>100.00%</b>

JENIS PENYAKIT	GOLONGAN OBAT	N	PERSENTASE %
DM	Biguanide	41	13.40%
	Sulfonilurea	43	14.05%
	Penghambat DPP 4	6	1.96%
	Penghambat alfa glikosidase	2	0.65%
	TZD	3	0.98%
COVID-19	Antivirus	53	17.32%
	Antibiotik	66	21.57%
	Kortikosteroid	37	12.09%
	Vitamin	49	16.01%
	Terapi tambahan	6	1.96%
<b>TOTAL</b>		<b>306</b>	<b>100.00%</b>

Tabel 4 KANDUNGAN OBAT YANG DI GOLONGKAN BERDASARKAN PENYAKIT PADA PASIEN

JENIS PENYAKIT	NAMA OBAT	N	PERSENTASE %	GOLONGAN
DM	Metformin	41	13.40%	Biguanide
	Glimepiride	37	12.09%	Sulfonilurea
	Gliclazide	2	0.65%	Sulfonilurea
	Acarbose	2	0.65%	Penghambat alfa glikosidase
	Vildagliptin	4	1.31%	Penghambat DPP 4
	Linagliptin	2	0.65%	Penghambat DPP 4
	Pioglitazone	3	0.98%	TZD
	Gliquidon	1	0.33%	Sulfonilurea
COVID-19	Glibenclamide	3	0.98%	Sulfonilurea
	Remdesivir tab	25	8.17%	Antivirus
	Favipiravir tab	27	8.82%	Antivirus
	Oseltamivir cap	1	0.33%	Antivirus
	Levofloxacin tab	3	0.98%	Antibiotik
	Levofloxacin inf	26	8.50%	Antibiotik
	Azithromycin tab	1	0.33%	Antibiotik
	Azithromycin inj	16	5.23%	Antibiotik
	Moxifloxacin inf	6	1.96%	Antibiotik
	Ceftriaxone inj	5	1.63%	Antibiotik
	Meropenem inj	9	2.94%	Antibiotik
	Actemra	6	1.96%	Terapi tambahan
	Hidrocortison inj	14	4.58%	Kortikosteroid
	Dexamethasone tab	1	0.33%	Kortikosteroid
	Dexamethasone inj	18	5.88%	Kortikosteroid
	Methylprednisolone tab	1	0.33%	Kortikosteroid
	Methylprednisolone inj	3	0.98%	Kortikosteroid
Vit C inj	24	7.84%	Vitamin	
Vit D tab	25	8.17%	Vitamin	
<b>TOTAL</b>		<b>306</b>	<b>100.00%</b>	

Tabel 5 kejadian Interaksi Obat

NO	KLASIFIKASI	N	PERSENTASE %
1	Minor	7	5.30%
2	Moderat	86	65.15%
3	Mayor	39	29.55%
<b>TOTAL</b>		<b>132</b>	<b>100.00%</b>

Tabel 6 Mekanisme interaksi obat pasien penyakit Covid19 dengan komorid DM tipe 2

NO	KLASIFIKASI	N	PERSENTASE %
1	Farmakodinamik	26	100.00%
2	Farmakokinetik	0	0.00%
<b>TOTAL</b>		<b>26</b>	<b>100.00%</b>



**Tabel 8 tabel klasifikasi interaksi obat pasien covid 19 dengan komorbid DM tipe 2**

<b>Interaksi obat</b>	<b>mekanisme</b>	<b>klasifikasi</b>	<b>fase interaksi obat</b>	<b>jumlah</b>	<b>%</b>
Levofloxacin + Glimepiride	Farmakodinamik	Mayor	Sinergisme	20	14.71%
Levofloxacin + Metformin	Farmakodinamik	Moderate	Sinergisme	21	15.44%
Levofloxacin + Vildagliptin	Farmakodinamik	Moderate	Sinergisme	2	1.47%
Levofloxacin + Pioglitazone	Farmakodinamik	Moderate	Sinergisme	2	1.47%
Levofloxacin + Acarbose	Farmakodinamik	Moderate	Sinergisme	1	0.74%
Hidrocortison + Glimepiride	Farmakodinamik	Moderate	Antagonis	8	5.88%
Hidrocortison + Metformin	Farmakodinamik	Moderate	Antagonis	10	7.35%
Hidrocortison + Vildagliptin	Farmakodinamik	Minor	Antagonis	1	0.74%
Hidrocortison + Moxifloxacin	Farmakodinamik	Mayor	Sinergisme	1	0.74%
Dexamethasone + Glimepiride	Farmakodinamik	Moderate	Antagonis	10	7.35%
Dexamethasone + Metformin	Farmakodinamik	Moderate	Antagonis	14	10.29%
Dexamethasone + Pioglitazone	Farmakodinamik	Moderate	Antagonis	2	1.47%
Dexamethasone + Moxifloxacin	Farmakodinamik	Mayor	Sinergisme	1	0.74%
Dexamethasone + Methylprednisolone	Farmakodinamik	Minor	Antagonis	2	1.47%
Dexamethasone + Levofloxacin	Farmakodinamik	Mayor	Sinergisme	17	12.50%
Azithromycin + Moxifloxacin	Farmakodinamik	Moderate	Sinergisme	1	0.74%
Azithromycin + Levofloxacin	Farmakodinamik	Moderate	Sinergisme	3	2.21%
Moxifloxacin + Vildagliptin	Farmakodinamik	Moderate	Sinergisme	2	1.47%
Moxifloxacin + Pioglitazone	Farmakodinamik	Moderate	Sinergisme	1	0.74%
Moxifloxacin + Acarbose	Farmakodinamik	Moderate	Sinergisme	1	0.74%
Moxifloxacin + Metformin	Farmakodinamik	Moderate	Sinergisme	4	2.94%
Moxifloxacin + Glimepiride	Farmakodinamik	Mayor	Sinergisme	2	1.47%
Methylprednisolone + Levofloxacin	Farmakodinamik	Mayor	Sinergisme	3	2.21%
Methylprednisolone + Glimepiride	Farmakodinamik	Moderate	Antagonis	4	2.94%
Methylprednisolone + Metformin	Farmakodinamik	Moderate	Antagonis	1	0.74%
Glimepiride + Linagliptin	Farmakodinamik	Moderate	Sinergisme	2	1.47%
<b>TOTAL</b>				<b>136</b>	<b>100.00%</b>