### **Ongoing Living Update of COVID-19 Therapeutic Options: Summary of Evidence**

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# **Objetives**

- Collect the best available evidence on pharmacological interventions for patients with COVID-19 or exposed to SARS-COV2
- Sustain a "living" update process in which every new piece of evidence is rapidly incorporated to the review
- Analice aquired evidence using standarized tools



# Search

### L-OVE repository

L☆VE

- >300,000 records (articles screened 2 million approximately)
- Any type of article
- Automated: 41 databases + preprint + trial registries
  - Main sources screened hourly (eg. Pubmed, medRxiv)
- Manual: many other sources
- Studies included in systematic reviews (coming from any source)
  → Largest repository according to our own estimation





### **Multiple sources**

Pubmed/medline (updated several times a day); EMBASE (updated weekly); CINAHL (updated weekly); PsycINFO (updated weekly); LILACS (Latin American & Caribbean Health Sciences Literature) (updated weekly); Wanfang Database (updated every 2 weeks); CBM - Chinese Biomedical Literature Database (updated every 2 weeks); CNKI - Chinese National Knowledge Infrastructure (updated every 2 weeks); VIP - Chinese Scientific Journal Database (updated every 2 weeks); IRIS (WHO Institutional Repository for Information Sharing) (updated weekly); IRIS PAHO (PAHO Institutional Repository for Information Sharing)) (updated weekly); IBECS - Índice Bibliográfico Español en Ciencias de la Salud (Spanish Bibliographic Index on Health Sciences) (updated weekly); Microsoft Academic (last searched: Sept 4, 2020); ICTRP Search Portal (updated daily); Clinicaltrials.gov (updated daily); ISRCTN registry (updated daily); Chinese Clinical Trial Registry (updated daily); IRCT - Iranian Registry of Clinical Trials (updated daily); EU Clinical Trials Register: Clinical trials for covid-19 (updated daily); NIPH Clinical Trials Search (Japan) - Japan Primary Registries Network (JPRN) (JapicCTI, JMACCT CTR, jRCT, UMIN CTR) (updated daily, via ICTRP search portal); UMIN-CTR - UMIN Clinical Trials Registry (updated daily, via ICTRP search portal); JRCT - Japan Registry of Clinical Trials (updated daily, via ICTRP search portal); JAPIC Clinical Trials Information (updated daily, via ICTRP search portal); Clinical Research Information Service (CRiS), Republic of Korea (updated daily, via ICTRP search portal); ANZCTR - Australian New Zealand Clinical Trials Registry (updated daily, via ICTRP search portal); ReBec - Brazilian Clinical Trials Registry (updated daily, via ICTRP search portal); CTRI - Clinical Trials Registry - India (updated daily, via ICTRP search portal); RPCEC -Cuban Public Registry of Clinical Trials (updated daily, via ICTRP search portal); DRKS - German Clinical Trials Register (updated daily, via ICTRP search portal); LBCTR - Lebanese Clinical Trials Registry (updated daily, via ICTRP search portal); TCTR - Thai Clinical Trials Registry (updated daily, via ICTRP search portal); NTR - The Netherlands National Trial Register (updated daily, via ICTRP search portal); PACTR - Pan African Clinical Trial Registry (updated daily, via ICTRP search portal); REPEC - Peruvian Clinical Trial Registry (updated daily, via ICTRP search portal); SLCTR - Sri Lanka Clinical Trials Registry (updated daily, via ICTRP search portal); medRxiv (updated several times a day); bioRxiv (updated several times a day); SSRN Preprints (updated several times a day); ChinaXiv (updated every 2 weeks); SciELO Preprints (updated weekly); Research Square (updated daily);







## **Results**





## **Resultados**

- 218 RCTs + 27 non-RCTs
- 85 Pharmacological interventions

Study; publication status	Patients and interventions analyzed	Comorbidities	Additional interventions	Rob and study limitations	Interventions effects vs standard of care (SOC) and GRADE certainty of the evidence
	Uncerta	<b>99m</b> inty in potential benefits	TC-MDP s and harms. Further re	search is needed.	
RCT					
<u>Yuan et al</u> ; <sup>10</sup> Preprint, 2020	Patients with mild COVID-19 infection. 10 assigned to 99mTc-MDP 5/ml once a day for 7 da <sup>1</sup> / <sub>8</sub> s and 11 assigned to SOC	Median age 61 ± 20, male 42.9%	NR	High for mortality and invasive mechanical ventilation; High for symptom resolution, infection and adverse events Notes: Non-blinded study. Concealment of allocation probably inappropriate.	Mortality: No information Invasive mechanical ventilation: No information Symptom resolution or improvement: No information Symptomatic infection (prophylaxis studies): No information Adverse events: No information



Intervention		Overall number of studies including the intervention, n=218	Mortality (n of studies)	Invasive mechanical ventilation (n of studies)	Symptom resolution (n of studies)	Prevention of infection (n of studies)	Adverse events (n of studies)
Hydroxychloroquine or Chloroquine	NEW	35	9	7	6	6	9
Ivermectin		22	7	1	7	3	2
Glucocorticoids		13	11	5	4		6
Convalecent plasma	NEW	12	11	6	4		3
Favipiravir	NEW	11	1		6		1
Lopinavir-Ritonavir	NEW	10	3	3	2		1
Tocilizumab	NEW	10	9	8	5		9
Azithromycin	NEW	6	3	2	2		1
Remdesivir		6	4 (*)	4	3		3
Umifenovir		5					
Coclchicine		4	3	2			1
Interferon beta-1a		4	3	3	2		

	GRADE High- Moderate certainty	GRADE Low certainty
Beneficial effect		
No significant effect		
Harmfull effect		
Uncertain effect		
No evidence or no estimable effect		



		Overall number of studies including the	Mortality	Invasive mechanical ventilation (n of	Symptom resolution	Prevention of infection (n of	Adverse events		Overall number of studies including the	Mortality	Invasive mechanical ventilation (n of	Symptom resolution	Prevention of infection (n of	Adverse events
Intervention	.	intervention, n=218	(n of studies)	studies)	(n of studies)	studies)	(n of studies)	Intervention	intervention, n-218	(n of studies)	studies)	(n of studies)	studies)	(n of studies)
Hydroxychloroquine or Chloroquine	NEW	35	9	7	6	6	3 9	Levamizole	1			1		
Ivermectin		22	7	7 1	7	3	3 2	Lincomecin	1					
Glucocorticoids		13	11	1 5	4		6	Melatonin	NEW 1	1	ļ	1		
Convalecent plasma	NEW	12	11	1 6	4		3	Metisoprinol	NEW 1					
Favipiravir	NEW	11	1		6		1	Moinupiravir	1					1
Lopinavir-Ritonavir	NEW	10	3	3 3	2		1	Mouthwash (hydrogen peroxide)	1		1	1		
Tocilizumab	NEW	10	9	8 8	5		9	N-acetyicysteine	1		1			1
Azithromycin	NEW	6	3	3 2	2		1	Nasai hypertonic saline	1			1		
Remdesivir		6	4 (*)	) 4	3		3	Omogo 2 fattu osido	1					
Umifenovir		5						Peo-IEN lambda	1					1
Coclchicine		4	3	2			1	Progesterone	1	1	1			1
Interferon beta-1a		4	3	3	2			Prolectin-M	1	1	1			1
Sofosbuvir +/- Daclatasvir		4	2	2 2	2			Propolis	1	1	1	1		
Vitamin C	NEW	4	4	4	2			Proxalutide	1	1	1			
Zinc	NEW			1	2			Querceritin	1	1		1		
Bamlanivimah	INC. IN				2		2	Ramipril	1	1			1	
Damianivimad		3	2	2	2		3	Recombinant Super-Compound IFN	1	1		1		
Mesonohimal call translantation		3		2				REGN-COV2 (Regeneron)	1					1
Mesenchimal cell tranplantation		3			1		1	Ribavirin	1					
Vitamin D		3		1			1	Ribavirin + Interferon beta-1b	1					
ACEIs or ARBs (continuation)		2	2	2 2				Ruxolitinib	1			1		
Bromhexine Hydrochloride		2	1	1	1		1	rhG-CSF	1	1		1		1
Dutasteride	NEW	2			1			Sofosbuvir/ledipasvir	NEW 1	1	1	1		
Leflunomide		2						Steroids (inhaled)	NEW 1			1		
Mouthwash (povidone iodine or essential oils)	NEW	2						Suiodexide	1		1			1
Nitazoxanide	NEW	2	1	1 1	1		1	Telmisartan	1		1			
Ozone		2	2	2	1		1	ritazavinn a Lippic poid	1			1		
Sarilumab	NEW	2	2	2 1	1		1	(*) Inconsistent results between included studi	ا ies. Reinel et al informed mortality	reduction with remd	esivir while WHO SOLI	DARITY found no signifi	cant differences. Poole	d estimates show a
99mTc-MDP		1						small non-statitically significant mortality reduc	ction (RR 0.94, 95%CI 0.82 - 1.08).			breat ribuna no orgini		a countateo enon a
ACEIs or ARBs (treatment)	NEW	1	1	1										
Anakinra		1	1	1	1		1							
Anticoagulants		1	1											
Aprepitant		1												
Artemisinin	NEW	1			1		1							
Auxora		1	1	1										
Azvudine		1			,									
Baloxavir		1			1									
Bamlanivimab + etesevimab		1	1	1	1		1							
Baricitinib		1	1	1	1		1							
BCG		1	1											
Chloroquine nasal drops		1												
Clarithromycin	NEW	1												
CIGE 225					1		1							
Cofesters							1							
Colacions					1									
Darunavir-Cobicistat		1			4									
Electrolyzeu saime					1									
Enisamium		1			1									
Febuxostat		1												
Fiebuxamine		1		1			1							
Helium (inhaled)		1												
Icatibant		1	1											
iC1e/K		1	1											
IFN-alpha2b + IFN-gamma		1												
IFX-1		1	1				1							
INM005 (equine antibodies)		1	1	1 1	1		1							
Interferon beta-1b		1	1	1	1									
Interferon beta-1a (inhaled)		1	1	1	1		1							
Interferon kappa + TFF2		1	1				1							
Itolizumab		1	1	1 1			1							



# **Systemic steroids**

### • 13 RCTs, 8065 patients

### All cause mortality: Steroids vs. Standard of care

Study	TE	seTE	Risk Ratio	RR	95%-CI	Weight (fixed)	Weight (random)
RECOVERY - Dexamethasone	-0.11	0.0476	<b>1</b>	0.89	[0.81; 0.98]	65.4%	35.7%
GLUCOCOVID	0.22	0.4806	<del></del>	1.24	[0.48; 3.19]	0.6%	1.9%
Metcovid	-0.03	0.1299	+	0.97	[0.75; 1.25]	8.8%	16.5%
DEXA-COVID19	0.54	0.8797		1.71	[0.31; 9.61]	0.2%	0.6%
REMAP-CAP	-0.17	0.1715		0.84	[0.60; 1.18]	5.0%	11.3%
Steroids-SARI	-0.04	0.2621		0.96	[0.57; 1.60]	2.2%	5.7%
COVID STEROID	1.03	0.7270		2.80	[0.67; 11.64]	0.3%	0.8%
CoDEX	-0.09	0.0968	+	0.92	[0.76; 1.11]	15.8%	22.8%
CAPE COVID	-0.64	0.3377		0.53	[0.27; 1.02]	1.3%	3.6%
Edalatifard M et al (Tehran University of Medical Sciences)	-1.99	0.7199		0.14	[0.03; 0.56]	0.3%	0.9%
Tang X et al	-1.10	1.6187		0.33	[0.01; 7.96]	0.1%	0.2%
Fixed effect model			6	0.90	[0.83; 0.97]	100.0%	
Random effects model Heterogeneity: $I^2 = 27\%$ , $\tau^2 = 0.0103$ , $p = 0.19$			r1	0.89	[0.78; 1.02]		100.0%

0.1 0.51 2 10



# **Systemic steroids**



## Remdesivir

• 6 RCT, 15057 patients

All cause mortality: Remdesivir vs. Standard of care







# Hydroxychloroquine

### • 36 RCT, 17900 patients

### All cause mortality: HCQ vs. Standard of care

Study	TE	seTE	Risk Ratio	RR	95%-CI	Weight (fixed)	Weight (random)
RECOVERY - Hydroxychloroqui	ne 0.07 (	0.0518		1.08	[0.97; 1.19]	76.3%	76.3%
Cavalcanti et al	0.42 (	0.5751		1.51	[0.49; 4.68]	0.6%	0.6%
COVID-19 PET	-0.00 (	1.4109		1.00	[0.06; 15.81]	0.1%	0.1%
Abd-Elsalam S et al	0.18 (	0.5883		1.20	[0.38; 3.80]	0.6%	0.6%
TEACH	0.06 (	0.5275		1.06	[0.38; 2.99]	0.7%	0.7%
WHO SOLIDARITY - HCQ	0.17 (	0.1391		1.18	[0.90; 1.56]	10.6%	10.6%
PETAL	-0.02 (	0.2677		0.98	[0.58; 1.65]	2.9%	2.9%
HYCOVID	-0.61 (	0.4913		0.54	[0.21; 1.42]	0.8%	0.8%
HYDRA	-0.08 (	0.1704		0.93	[0.66; 1.29]	7.1%	7.1%
Beltran-HCQ	-0.98 (	0.7806		0.37	[0.08; 1.73]	0.3%	0.3%
Fixed effect model Random effects model Heterogeneity: $I^2 = 0\%$ , $\tau^2 = 0$ , $p =$	0.79		0.1 0.5 1 2	1.07 1.07 10	[0.98; 1.17] [0.98; 1.17]	100.0% 	 100.0%



# Hydroxychloroquine

### • 36 RCT, 17900 patients

Symptomatic infection in prophylaxis: HCQ vs. no prophylaxis

Study	TE	seTE	Risk Ratio	RR	95%-CI	Weight (fixed)	Weight (random)
BCN PEP CoV-2	-0.12	0.2537	+	0.89	[0.54; 1.46]	16.8%	17.1%
COVID-19 PEP	-0.19	0.1810		0.83	[0.58; 1.18]	33.0%	32.5%
COVID-19 PREP	-0.30	0.1996		0.74	[0.50; 1.10]	27.1%	27.1%
PrEP_COVID	-1.21	1.6284 -		0.30	[0.01; 7.25]	0.4%	0.4%
PATCH	0.65	0.8473		1.91	[0.36; 10.03]	1.5%	1.6%
COVID-19 PEP (University of Washington)	0.27	0.2261	-	1.31	[0.84; 2.04]	21.2%	21.3%
Fixed effect model			4	0.91	[0.74; 1.11]	100.0%	
<b>Random effects model</b> Heterogeneity: $l^2 = 3\%$ , $\tau^2 = 0.0021$ , $p = 0.40$			r	0.91	[0.74; 1.12]		100.0%
			0.1 0.51 2 10				



# Hidroxicloroquina



## Lopinavir-Ritonavir

#### • 10 RCT, 8790 patients

All cause mortality: LPV vs. Standard of care





# Lopinavir-Ritonavir



# **Convalescent plasma**

### • 11 RCT, 11848 patients

### All cause mortality: Convalescnet plasma vs. Standard of care

Study	TE	seTE	Risk Ratio	RR	95%-CI	Weight (fixed)	Weight (random)
RoB = Moderate/High RoB Li L et al CONCOVID ConPlas-19 Agarwal ILBS-COVID-02 AlQahtani M et al PICP19 Baklaushev VP et al Fixed effect model Random effects model Heterogeneity: $l^2 = 0\%$ , $\tau^2 = 0$	-0.42 -0.61 -2.07 0.07 1.17 -0.69 -0.34 -0.83	0.4117 0.4594 1.4740 0.2303 1.0933 1.1832 0.3485 0.9635		0.65 0.55 0.13 1.07 3.21 0.50 0.71 0.43 0.82 0.82	[0.29; 1.47] [0.22; 1.34] [0.01; 2.26] [0.68; 1.68] [0.38; 27.40] [0.36; 1.41] [0.07; 2.87] [0.60; 1.11] [0.60; 1.11]	1.1% 0.9% 0.1% 3.7% 0.2% 0.1% 1.6% 0.2% 7.9%	1.1% 0.9% 0.1% 3.7% 0.2% 1.6% 0.2% 7.9%
RoB = Low RoB PLASM-AR Fundacion INFANT-Plasma RECOVERY-Plasma Fixed effect model Random effects model Heterogeneity: $l^2 = 0\%$ , $\tau^2 = 0$	-0.04 -0.69 0.04	0.3308 0.8515 0.0465		0.96 0.50 1.04 1.04	[0.50; 1.83] [0.09; 2.65] [0.95; 1.14] [0.95; 1.13] [0.95; 1.13]	1.8% 0.3% 90.0% 92.1%	1.8% 0.3% 90.0%  92.1%
Fixed effect model Random effects model Heterogeneity: $l^2 = 0\%$ , $\tau^2 = 0$ Residual heterogeneity: $l^2 = 0$	, p = 0.5 %, p = 0	51 0.62 0.01	0.1 1	1.02 1.02 10 100	[0.93; 1.11] [0.93; 1.11]	100.0% 	 100.0%



# **Convalescent plasma**



# Tocilizumab

### • 10 RCT, 6440 patients

### All cause mortality: Tocilizumab vs. Standard of care

Study	TE	seTE		Risk Ra	atio		RR	95	5%-CI	Weight (fixed)	Weight (random)
	0.01	0.2064		-			1.01	[0.68;	1.52]	5.3%	10.4%
BACC Bay Tocilizumab Trial	0.79	0.6526	-	-			- 2.20 1.51	[0.20; 2	23.65] 5.42]	0.2% 0.5%	0.3%
CORIMUNO-TOCI 1	-0.07	0.4869					0.93	[0.36;	2.42]	0.9%	2.1%
EMPACTA	0.19	0.3428					1.22	[0.62;	2.38]	1.9%	4.1%
REMAP-CAP - tocilizumab	-0.24	0.1090		-			0.78	[0.63;	0.97]	19.0%	27.6%
Veiga	0.83	0.4551		<u>i</u>	+		2.30	[0.94;	5.61]	1.1%	2.4%
RECOVERY-TCZ	-0.15	0.0563		-+- 8-1			0.86	[0.77;	0.96]	71.1%	51.9%
Fixed effect model				¢.			0.87	[0.79;	0.96]	100.0%	
Random effects model				¢			0.90	[0.78;	1.03]		100.0%
Heterogeneity: $I^2 = 16\%$ , $\tau^2 = 0$ .	0067, /	o = 0.30	I		I	I					
			0.1	0.5 1	2	10					





# Colchicine

### • 4 RCT, 4731 patients

All cause mortality: Colchicine vs. Standard of care







### **Ivermectin**

### • 23 RCT, 3003 patients

### All cause mortality: Ivermectin vs. Standard of care

Study	TE	seTE	Risk	Ratio		RR	95%-CI	Weight (fixed)	Weight (random)
Interventions = Iverme Dhaka Medical College Hashim Fixed effect model Random effects model Heterogeneity: /² = 0%, r²	ctin + I -1.96 -1.10 = 0, p =	Doxycycline 1.5082	vs SOG			0.14 0.33 0.28 0.28	[0.01; 2.70] [0.07; 1.60] [0.07; 1.10] [0.07; 1.10]	2.8% 9.8% 12.6% 	4.3% 12.1%  16.4%
Interventions = Iverme Elgazzar_Mild Elgazzar_Severe Niaee MS et al Fixed effect model Random effects model Heterogeneity: $I^2 = 0\%$ , $\tau^2$	ctin vs -2.20 -2.30 -1.70	HCQ 1.4840 0.7280 0.5621	\$ <b>* * *</b>			0.11 0.10 0.18 0.14 0.14	[0.01; 2.04] [0.02; 0.42] [0.06; 0.55] [0.06; 0.33] [0.06; 0.33]	2.9% 11.9% 19.9% 34.6%	4.4% 13.8% 18.9% 
Interventions = Iverme Kirti R et al Okomus et al Beltran Fixed effect model Random effects model Heterogeneity: $I^2 = 0\%$ , $\tau^2$	ctin vs -2.16 -0.41 -0.15 = 0, p =	<b>SOC</b> 1.4787				0.12 0.67 0.86 0.67 0.67	[0.01; 2.09] [0.27; 1.64] [0.29; 2.56] [0.34; 1.31] [0.34; 1.31]	2.9% 29.8% 20.1% 52.8% 	4.5% 23.0% 19.0%  46.5%
Fixed effect model Random effects model Heterogeneity: $l^2 = 33\%$ , $\pi$ Residual heterogeneity: $l^2$	<sup>2</sup> = 0.26 = 0%, p	43, p = 0.17 = 0.80 0.01	0.1	1 1	0 100	0.35 0.31	[0.21; 0.57] [0.16; 0.59]	100.0% 	 100.0%





### **Interferón Beta-1a**

• 5 RCT, 4487 patients

All cause mortality: Interferón Beta-1a vs. Standard of care





# **Interferón Beta-1a**



# **Anticoagulants**

### • 14 Non-RCT

All cause mortality: Full dose or intermediate dosage vs. prophylactic dosage

Study	TE	seTE	Risk	Ratio	RR	95%-CI	Weight (fixed)	Weight (random)
Arm.1 = Therapeutic do	sade		:					
Motta	0.83	0.4054	-		2.30	[1.04: 5.09]	1.4%	7.0%
Stabile	-0.82	0.3382			0.44	[0.23; 0.86]	2.0%	7.7%
Jonmaker	-0.10	0.2898		_	0.90	[0.51; 1.60]	2.7%	8.2%
Patel	1.78	0.2391			5.93	[3.71; 9.47]	3.9%	8.7%
Musoke	1.82	0.3741			6.16	[2.96; 12.82]	1.6%	7.3%
Ferguson	-0.31	0.4270	+		0.73	[0.32; 1.69]	1.2%	6.8%
Trinh	-1.29	0.3559			0.28	[0.14; 0.55]	1.8%	7.5%
Secco	-1.47	1.3484			0.23	[0.02; 3.23]	0.1%	1.7%
Nadkarni	-0.13	0.0754			0.88	[0.76; 1.02]	39.5%	9.9%
Roomi	-0.84	0.4814		-	0.43	[0.17; 1.10]	1.0%	6.2%
Al-Samkari	0.09	0.0750		+-	1.09	[0.94; 1.27]	39.9%	9.9%
Fixed effect model			1	>	1.04	[0.95; 1.14]	95.0%	
Random effects model			4	>	1.10	[0.72; 1.67]		80.8%
Heterogeneity: $I^2 = 91\%$ , $\tau$	<sup>2</sup> = 0.36	86, <i>p</i> < 0.01						
Arm.1 = Intermediate d	osage							
Hsu	-1.35	0.6706			0.26	[0.07; 0.97]	0.5%	4.6%
Paolisso	-1.17	0.5035			0.31	[0.12; 0.83]	0.9%	6.0%
Gonzalez-Porras	-0.60	0.2502			0.55	[0.34; 0.90]	3.6%	8.6%
Fixed effect model			$\diamond$		0.46	[0.30; 0.70]	5.0%	
<b>Random effects model</b> Heterogeneity: $I^2 = 0\%$ , $\tau^2$	= 0, p =	= 0.40	$\diamond$		0.46	[0.30; 0.70]		19.2%



### **AINES**

### • 7 Non-RCT,

### All cause mortality: NSAID vs. no NSAID

Study	TE	seTE	Oc	lds Rat	io	OR	95%-Cl	Weight (fixed)	Weight (random)
Bruce	-0.14	0.3224			_	0.87	[0.46; 1.64]	5.1%	9.7%
Jeong	-0.39	0.6285		1		0.68	[0.20; 2.33]	1.3%	2.8%
Lund	0.02	0.3076	_			1.02	[0.56; 1.86]	5.6%	10.5%
Rinott	0.19	0.6800				— 1.21	[0.32; 4.59]	1.2%	2.4%
Wong	-0.05	0.0881		-		0.95	[0.80; 1.13]	68.6%	46.8%
Imam	-0.56	0.1831				0.57	[0.40; 0.82]	15.9%	23.1%
Esba	-0.53	0.4867 —	•	2		0.59	[0.23; 1.53]	2.2%	4.6%
Fixed effect model				$\Leftrightarrow$		0.86	[0.75; 1.00]	100.0%	
Random effects model			-	$\Leftrightarrow$		0.82	[0.66; 1.02]		100.0%
Heterogeneity: $I^2 = 21\%$ , $\tau$	<sup>2</sup> = 0.01	173, p = 0.27							
		0.2	0.5	1	2	5			



### Manejo de los patients con COVID-19

COVID-19	COVID-19	COVID-19
GUÍA PARA EL CUIDADO DE PACIENTES ADULTOS CRÍTICOS CON COVID-19 EN LAS AMÉRICAS Versión 2	Flowchart for the management of suspected COVID-19 patients at the first level of care and in remote areas in the Region of the Americas	Ongoing Living Update of Potential COVID-19 Therapeutics: Summary of Rapid Systematic Reviews RAPID REVIEW, 21 October 2020
Actualizada al 29 de julio del 2020	JULY 2020	
Este documento incluye los resultados de un proceso de adaptación rápida de guías. La información incluida en esta guía refleja la evidencia a la fecha publicada en el documento. Las recomendaciones se basaron en la evidencia disponible y su calidad (metodolgía GRADE) en el momento en que se publicó la guía. Sin embargo, reconociendo que hay numerosas investigaciones en curso, la Organización Panamericana de la Salud actualizará de forma periódica estas revisiones y las recomendaciones correspondientes.	NOTE This document offers an algorithm for the management of COVID-19 patients at the first level of care and in remote areas, with focus on early case identification based on severity, and timely indications of remoiston. The flowafuer tincerportates the results of a process that included a review of the evidence and validation by experts in the Region. It is subject to revision as new evidence becomes available.	Disclaimer This document includes the results of a rapid systematic review of current available literature. The information included in this review reflects the evidence as of the date posted in the document. Yet, recognizing that there are numerous ongoing clinical studies, PAHO will periodically update these reviews and corresponding recommendations as new evidence becomes available.
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## Thank you!!

