

Database of all ivermectin COVID-19 studies. 60 studies, 23 peer reviewed, 40 with results comparing treatment and control groups. Submit updates/corrections below. FLCCC provides treatment recommendations.

2/15	PrEP...	Behera et al., R...	cases, ↓83.0%, p...	Prophylactic role of ivermectin in SARS-... Prospective prophylaxis study with 3,532 healthcare workers, 2,199 receiving two-dose iverm...
2/15	Early,...	Covid Analysis...	meta-analysis v31	Ivermectin is effective for COVID-19: real... • 100% of the 40 studies to date report positive effects. Random effects meta-analysis for ear...
2/12	Early	Schwartz, E., S...	hosp., ↓80.7%, p...	Ivermectin vs. placebo treatment in non-... Double blind RCT for mild-moderate COVID-19 outpatients in Israel showing significantly faste...
2/10	Late	Lima-Morales (...	death, ↓77.7%, p...	Effectiveness of a multidrug therapy co... Prospective trial of 768 COVID-19 outpatients in Mexico, 481 treated with ivermectin, AZ, mon...
2/5	Late	Bukhari et al., ...	viral+, ↓82.4%, p...	Efficacy of Ivermectin in COVID-19 Patie... RCT of relatively low risk hospitalized patients with 50 ivermectin and 50 control patients sho...
2/2	Early	Mohan et al. (P...	no recov., ↓62.5...	Ivermectin in mild and moderate COVID-... RCT in India with low risk patients, comparing 24mg ivermectin, 12mg ivermectin, and placeb...
1/27	Meta	Castaneda-Sab...	meta-analysis	Outcomes of Ivermectin in the treatmen... Student-written meta analysis of a very small subset of studies. This is the most biased and fl...
1/21	Early	Chamie-Quintero et al., Preprint, doi:10...		Sharp Reductions in COVID-19 Case Fat... Analysis of ivermectin usage within states in Peru showing sharp reductions in COVID-19 deat...
1/20	In Vit...	Mody et al., Co...	in vitro	Identification of 3-chymotrypsin like prot... Computational molecular modeling screening and <i>in vitro</i> analysis for inhibitory effects on SA...
1/19	Late	Rezai et al., IR...	recov. time, ↓21....	Effectiveness of Ivermectin in the Treat... RCT in Iran showing shorter time to clinical recovery with Ivermectin. Results are from: [1]
1/19	Meta	Hill et al., Rese...	meta-analysis	Meta-analysis of randomized trials of iv... Meta analysis of 18 ivermectin RCTs with 2,282 patients showing faster viral clearance (dose ...
1/16	Early	Raad et al., Chi...	hosp., ↓85.7%, p...	In vivo use of ivermectin (IVR) for treat... RCT in Lebanon showing significantly lower viral load at day 3, and lower hospitalization. Resu...

1/16	Early	Asghar et al., N...	viral+, ↓82.1%, p...	Efficacy of Ivermectin in COVID-19 RCT with 103 patients in Pakistan comparing ivermectin and CQ, showing significantly lower ...
1/13	Early,...	Kory et al., Fron...	review	Review of the Emerging Evidence Demo... Meta analysis of ivermectin clinical studies and natural experiments where ivermectin has bee...
1/12	Late	Okumuş et al., ...	death, ↓33.3%, p...	Ivermectin for Severe COVID-19 Manage... Small RCT for severe COVID-19 comparing ivermectin with low dose HCQ+AZ+favipiravir, with ...
1/11	PrEP...	Chala et al., NC...	cases, ↓94.7%, p...	Prophylaxis Covid-19 in Healthcare Age... Prophylaxis RCT for ivermectin and iota-carrageenan in Argentina with 234 healthcare workers...
1/11	N/A	Bousquet-Mel...	dosing study	Large Impact of obesity on the dispositi... Animal dosing study with an obese dog model concluding that ivermectin maintenance dose...
1/9	Early	Kirti et al., med...	death, ↓88.7%, p...	Ivermectin as a potential treatment for ... RCT with 112 mild and moderate COVID-19 patients in India, showing lower mortality, ventilati...
1/8	Early	Chamie, J. (Ne...	news	COVID-19 in Mexico Comparison of COVID-19 death rates in Mexico showing that the only state using ivermectin h...
1/6	Early	Babalola et al., ...	viral+, ↓63.9%, p...	Ivermectin shows clinical benefits in mil... Small RCT comparing ivermectin 6mg & 12mg q84hr with lopinavir/ritonavir, showing a statist...
1/6	PrEP...	Hirsch et al., Microbiology & Infectious ...		Ivermectin as Prophylaxis Against COVI... Report on ivermectin prophylaxis for healthcare workers in a hospital in Argentina, showing 0 ...
1/3	Early,...	Lawrie et al., Pr...	meta-analysis	Ivermectin reduces the risk of death fro... Meta analysis confirming the effectiveness of ivermectin for COVID-19, showing ivermectin tre...
12/31	Animal	Madrid et al., H...	animal study	Safety of oral administration of high dos... <i>In vivo</i> analysis of the safety of high dose ivermectin with a Corydoras fish animal model.
12/30	Revie...	McCullough et ...	review	Multifaceted highly targeted sequential ... Review urging early treatment of COVID-19 with sequential multidrug treatment that has been ...
12/30	Early	Procter et al., Reviews in Cardiovascul...		Clinical outcomes after early ambulatory... Retrospective 922 outpatients, with 320 treated early due to age>50 or comorbidities, showin...
12/27	Meta	Hill, A., Preprint...	meta-analysis	Meta-analysis of clinical trials of iverme... WHO-funded meta analysis showing ivermectin treatment mortality relative risk RR 0.17 [0.08-...
12/24	In Vit...	Jeffreys et al., ...	in vitro	Remdesivir-Ivermectin combination dis...

In Vitro study showing enhanced antiviral activity of ivermectin and remdesivir in combination.

12/20	PrEP...	Vallejos et al., ...	cases, ↓73.6%, p...	Ivermectin to prevent hospitalizations in... Report on ivermectin + carrageenan prophylaxis in a hospital in Argentina showing lower case...
12/18	Early,...	Kory et al., FLC...	meta-analysis	Review of the Emerging Evidence Demo... Meta analysis of ivermectin clinical studies and natural experiments where ivermectin has bee...
12/15	PrEP...	Alam et al., Eur...	cases, ↓90.6%, p...	Ivermectin as Pre-exposure Prophylaxis ... 91% reduction in COVID-19 cases with ivermectin prophylaxis. 118 healthcare workers in Ban...
12/15	Early	Afsar et al., SS...	symptoms, ↓92....	Ivermectin Use Associated with Reduce... Small 95 patient study in Pakistan adding ivermectin to standard of care (HCQ+AZ) for outpati...
12/11	Early	Hussain et al., International Journal of ...		Outcome of ivermectin and doxycycline ... Small case study of ivermectin + doxycycline with 8 cancer patients, with all patients becomin...
12/7	Early	Chaccour et al....	symptoms, ↓52....	The effect of early treatment with iverm... Tiny RCT for early treatment of mild COVID-19 in low risk patients, with 12 400mcg/kg single ...
12/4	In Vit...	Surnar et al., A...	in vitro	Clinically Approved Antiviral Drug in an O... <i>In Vitro</i> analysis of ivermectin with orally administrable nanoparticles showing efficacy for dec...
12/2	Early	Ahmed et al., In...	symptoms, ↓85....	A five day course of ivermectin for the tr... Small 72 patient RCT of ivermectin and ivermectin + doxycycline showing faster recovery with...
12/2	Early	Chamie, J. (Ne...	news	The effect of using ivermectin to control... After starting to distribute ivermectin in drug kits in July, the Mexican state of Chiapas has see...
12/1	Early	Alonso et al., (...	death, ↓91.8%, p...	COVID-19: Uso de ivermectina Observational study in Argentina showing significantly lower mortality in the 60 days after ado...
11/28	PrEP...	Bernigaud et al...	death, ↓99.4%, p...	Ivermectin benefit: from scabies to COV... 69 residents of a French care home, median age 90, were treated with ivermectin for a scabie...
11/28	PrEP...	Hellwig et al., I...	cases, ↓78.0%, p...	A COVID-19 Prophylaxis? Lower inciden... Analysis of COVID-19 cases vs. widespread prophylactic use of ivermectin for parasitic infecti...
11/24	Late	Niaee et al., Re...	death, ↓81.8%, p...	Ivermectin as an adjunct treatment for h... 82% lower mortality with ivermectin. RCT with 180 hospitalized patients showing reduced mo...
11/22	Animal	de Melo et al., ...	animal study	Anti-COVID-19 efficacy of ivermectin in t... Hamster study finding significantly lower COVID-19 pathology although not finding lower viral l...

11/18	Late	Budhiraja et al.,...	death, ↓99.1%, p...	Clinical Profile of First 1000 COVID-19 C... Retrospective 976 hospitalized patients with 34 treated with ivermectin showing ivermectin m...
11/17	PrEP...	Carvalho et al., ...	cases, ↓99.9%, p...	Study of the Efficacy and Safety of Topi... Prophylaxis study using ivermectin and carrageenan showing 0 of 788 cases from treated he...
11/14	Late	Spoorthi et al., ...	recov. time, ↓21....	Utility of Ivermectin and Doxycycline co... 100 patient prospective trial of ivermectin + doxycycline showing reduced time to symptom r...
11/13	PrEP...	Elgazzar et al., ...	cases, ↓80.0%, p...	Efficacy and Safety of Ivermectin for Tre... RCT for prophylaxis with ivermectin showing a significant reduction in cases with treatment. R...
11/13	Late	Elgazzar et al., ...	death, ↓91.7%, p...	Efficacy and Safety of Ivermectin for Tre... RCT comparing ivermectin + SOC vs. HCQ + SOC, showing a significant reduction in mortality ...
11/11	Late	Camprubí et al....	ICU, ↓33.3%, p=1....	Lack of efficacy of standard doses of iv... Tiny 26 patients retrospective study of ivermectin 200 µg/kg, median 12 days after symptom...
11/11	Early	Krolewiecki et al., SSRN (Preprint)		Antiviral Effect of High-Dose Ivermectin i... Viral load RCT finding a concentration dependent antiviral activity of oral high dose ivermectin ...
11/10	Revie...	Turkia, M., Res...	review	FLCCC Alliance MATH+ ascorbic acid a... Review suggesting ivermectin should be used based on existing data suggesting significant b...
11/4	Early	Cadegiani et al....	death, ↓78.3%, p...	Early COVID-19 Therapy with Azithromy... Comparison of HCQ, nitazoxanide, and ivermectin showing similar effectiveness for overall cli...
11/3	Early,...	Morgenstern et al., J. Clinical Trials (pr...		The Use of Compassionate Ivermectin i... Retrospective 3,099 outpatients treated with ivermectin in an ER. Of 2,706 treated on an outp...
11/3	PrEP...	Behera et al., ...	cases, ↓49.7%, p...	Role of ivermectin in the prevention of C... Retrospective prophylaxis study for HCQ, ivermectin, and vitamin C with 372 healthcare worke...
11/2	Animal	Arévalo et al., b...	animal study	Ivermectin reduces coronavirus infectio... Mouse study showing ivermectin reducing MHV viral load and disease. MHV is a type 2 family...
10/31	PrEP...	Chang et al., ResearchGate (Preprint)		COVID-19: Effectiveness of pre-exposur... Pre-exposure prophylaxis study with 129 people split into high/low exposure groups, with eac...
10/26	Late	Hashim et al., ...	death, ↓66.7%, p...	Controlled randomized clinical trial on u... RCT 70 ivermectin-doxycycline patients and 70 control patients showing reduced time to reco...
10/22	PrEP...	Guerrero et al., Colombia Médica, doi:1...		COVID-19: The Ivermectin African Enigma

Study of African Programme for Onchocerciasis Control (APOC) countries, which used iverme...

10/19	PrEP...	Carvallo et al., ...	cases, ↓96.3%, p...	Usefulness of Topic Ivermectin and Carr... Prophylaxis study using ivermectin and carrageenan showing 0 of 131 cases from treated he...
10/13	Late	Rajter et al., Ch...	death, ↓46.0%, p...	Use of Ivermectin is Associated with Lo... Retrospective 280 hospitalized patients showing lower mortality with ivermectin (13.3% vs 24...
10/9	Late	Mahmud et al., ...	death, ↓85.8%, p...	Clinical Trial of Ivermectin Plus Doxycycl... RCT for ivermectin+doxycycline showing improvements in mortality, recovery, progression, an...
10/8	Theo...	Francés-Moner...	theory	Has Ivermectin Virus-Directed Effects a... <i>In silico</i> study showing that ivermectin is capable of interfering in different key steps of the SA...
10/8	Late	Soto-Becerra e...	death, ↓17.1%, p...	Real-World Effectiveness of hydroxychlo... Retrospective database study of 5683 patients, 692 received HCQ/CQ+AZ, 200 received HCQ...
9/30	Late	Chachar et al., I...	no recov., ↓10.0...	Effectiveness of Ivermectin in SARS-Co... Small RCT with 25 ivermectin and 25 control patients, not finding a significant difference in re...
9/24	Late	Khan et al., Arc...	death, ↓87.0%, p...	Ivermectin treatment may improve the p... Retrospective 115 ivermectin patients and 133 control patients showing significantly lower de...
9/22	In Vit...	Li et al., J. Cell...	in vitro	Quantitative proteomics reveals a broad... <i>In Vitro</i> study showing Ivermectin is a safe wide-spectrum antiviral against SARS-CoV-2, huma...
9/15	Early	Carvallo et al., ...	death, ↓87.9%, p...	Safety and Efficacy of the combined us... Prospective trial of ivermectin, dexamethasone, enoxaparin, and aspirin. There was one death ...
9/15	Revie...	Jans et al., Cell...	review	Ivermectin as a Broad-Spectrum Host-Di... Review of ivermectin as a host-directed broad-spectrum antiviral agent for a range of viruses, i...
9/3	Late	Podder et al., I...	recov. time, ↓16....	Outcome of ivermectin treated mild to ... Small RCT with 32 ivermectin patients and 30 control patients. The mean recovery time after ...
8/28	PrEP...	Shouman et al.,...	symp. case, ↓91....	Use of Ivermectin as a Potential Chemo... PEP trial for asymptomatic close contacts of COVID-19 patients, 203 ivermectin patients and ...
8/15	Early	Espitia-Hernan...	viral+, ↓97.2%, p...	Effects of Ivermectin-azithromycin-chole... Small study with 28 patients treated with ivermectin + AZ + cholecalciferol and 7 control patie...
8/14	Late	Bhattacharya et al., Int. J. Scientific Re...		Observational Study on Clinical Features... Retrospective 148 hospitalized patients showing triple therapy with ivermectin + atorvastatin ...

7/31	Late	Chang et al., ResearchGate (Preprint)		Post-acute or prolonged COVID-19: iver... Report on 33 patients with persistent or post-acute symptoms treated with ivermectin, showi...
7/31	Theo...	Chang et al., R...	theory	COVID-19: Post-exposure prophylaxis wi... Proposed PEP protocol based on ivermectin.
7/31	Late	Alam et al., Journal of Bangladesh Coll...		A Case Series of 100 COVID-19 Positive... Case study of 100 patients treated with ivermectin and doxycycline, with no ICU admission, d...
7/31	Late	Rahman et al., J. Bangladesh Coll. Phy...		Comparison of Viral Clearance between ... Comparison of 200 patients treated with ivermectin + doxycycline and 200 treated with HCQ ...
7/14	Early	Chowdhury et al., Research Square, do...		A Randomized Trial of Ivermectin-Doxyc... Small 116 patient RCT comparing Ivermectin-Doxycycline and HCQ+AZ, not showing a signific...
7/8	Late	Gorial et al., m...	death, ↓71.0%, p...	Effectiveness of Ivermectin as add-on T... Small trial of hospitalized patients with 16 of 87 patients being treated with ivermectin showin...
6/30	In Vit...	Caly et al., Anti...	in vitro	The FDA-approved drug ivermectin inhib... <i>In Vitro</i> study showing that ivermectin is an inhibitor of SARS-CoV-2, with a single addition to V...
6/19	Theo...	Lehrer et al., In ...	theory	Ivermectin Docks to the SARS-CoV-2 Sp... <i>In silico</i> analysis showing ivermectin docking which may interfere with the attachment of the s...
6/12	Revie...	Heidary et al., ...	review	Ivermectin: a systematic review from an... Review of the antimicrobial, antiviral, and anti-cancer properties of ivermectin. Antiviral effects ...
5/2	Early	Chang, G., Research Gate, doi:10.1314...		Inclusión de la ivermectina en la primera... Peru observational case study of 7 patients treated with ivermectin, showing improvement an...

For search methods, inclusion criteria, effect extraction criteria (more serious outcomes have priority), PRISMA answers, and statistical methods see ivmmeta.com. In Vitro, Ex Vivo, Meta, Theory, Safety, Review, and News items are not included in the study count. There is a total of 80 items. Studies with preprints and journal versions are listed under the earlier preprint date.