

Database of all ivermectin COVID-19 studies. 93 studies, 54 peer reviewed, 56 with results comparing treatment and control groups. Submit updates/corrections below. FLCCC provides treatment recommendations.

5/18	In Vit...	<i>Mountain Vall...</i>	<i>in vitro</i>	Mountain Valley MD Receives Successful Re...
				<i>In Vitro</i> and mouse study with human ACE2 cells, using solubilized ivermectin with Ivectosol™, sho...
5/18	Early,...	<i>Covid Analysis...</i>	meta-analysis v83	Ivermectin for COVID-19: real-time meta anal...
				• 97% of 37 early treatment and prophylaxis studies report positive effects (95% of all 56 studies). ...
5/12	News	<i>FLCCC Public ...</i>	news	FLCCC Alliance Statement on the Irregular A...
				Analysis of the ivermectin recommendations from WHO and others, and a call to action for all citiz...
5/10	Early	<i>Faisal et al., Th...</i>	no recov., ↓68.4%...	Potential use of azithromycin alone and in c...
				RCT 100 outpatients in Pakistan, 50 treated with ivermectin, showing faster recovery with ivermec...
5/5	In Vit...	<i>Zatloukal et al...</i>	news	News report on In Vitro results from the rese...
				News report on <i>In Vitro</i> results from the research institute of Prof. Zatloukal, showing that "iverme...
5/5	In Sili...	<i>Qureshi et al., Journal of Biomolecular...</i>		Mechanistic insights into the inhibitory activi...
				<i>In Silico</i> study showing inhibition of importin-α1 by ivermectin, which disrupts SARS-CoV-2 replicat...
5/4	Meta	<i>Karale et al., m...</i>	meta-analysis	A Meta-analysis of Mortality, Need for ICU a...
				Systematic review and meta analysis with 30 studies included in quantitative analysis, showing m...
5/3	Early	<i>Merino et al., S...</i>	hosp., ↓74.4%, p<...	Ivermectin and the odds of hospitalization d...
				Analysis of Mexico City's use of an ivermectin-based medical kit, showing significantly lower hospi...
4/30	Revi...	<i>Kory et al., Am...</i>	review	Review of the Emerging Evidence Demonstr...
				Review of ivermectin trials and epidemiological data, concluding that ivermectin is effective for pr...
4/19	Revi...	<i>DiNicolantonio...</i>	review	Anti-inflammatory activity of ivermectin in lat...
				Review suggesting that the effectiveness of ivermectin in the cytokine storm phase of COVID-19 ...
4/17	Early	<i>Loue et al., J. I...</i>	death, ↓70.0%, p=...	Ivermectin and COVID-19 in Care Home: Cas...
				Small quasi-randomized (patient choice) study with 25 PCR+ patients in a nursing home offered iv...
4/16	PrEP...	<i>Morgenstern e...</i>	hosp., ↓80.0%, p=...	Retrospective cohort study of Ivermectin as ...

				Propensity matched retrospective prophylaxis study of healthcare workers in the Dominican Repu...
4/14	PrEP...	Seet et al., Inte...	severe case, ↓49.9%	Positive impact of oral hydroxychloroquine a... Prophylaxis RCT in Singapore with 3,037 low risk patients, showing lower serious cases, lower sy...
4/10	In Sili...	Bello et al., Journal of Biomolecular St...		Elucidation of the inhibitory activity of iverm... <i>In Silico</i> analysis finding that the <i>in vitro</i> activity of ivermectin may explained by acting as an inhibit...
4/3	Revi...	Turkia, M., Res...	review	A timeline of ivermectin-related events in the... An extensive timeline of ivermectin-related events from April 2020 to March 2021 including studie...
4/1	Early	Mourya et al., I...	viral+, ↓89.4%, p<...	Comparative Analytical Study of Two Differe... Retrospective 100 patients in India with 50 treated with ivermectin, and SOC for all patients includi...
3/30	Revi...	Wehbe et al., F...	review	Repurposing Ivermectin for COVID-19: Molec... Review of how ivermectin was identified for use in COVID-19, mechanisms of action, and selected ...
3/30	Early	Chahla et al., R...	no disch., ↓86.9%...	Cluster Randomised Trials - Ivermectin Repu... Cluster RCT outpatients in Argentina showing significantly faster recovery with ivermectin. There w...
3/29	Meta	Kow et al., Pha...	meta-analysis	The association between the use of ivermec... Small meta analysis of 6 RCTs showing mortality OR 0.21 [0.11-0.42]. Authors do not include two ...
3/26	PrEP...	Tanioka et al., ...	death, ↓88.2%, p...	Why COVID-19 is not so spread in Africa: Ho... Retrospective study of the 31 onchocerciasis-endemic countries using the community-directed tre...
3/25	In Sili...	Udofia et al., Network Modeling Analy...		In silico studies of selected multi-drug target... <i>In Silico</i> analysis finding that ivermectin had the highest binding energy against the 3CLpro of SAR...
3/25	In Sili...	Choudhury et al., Future Medicine, doi:...		Exploring the binding efficacy of ivermectin a... <i>In Silico</i> analysis finding that ivermectin has high binding affinity for the SARS-CoV-2 viral spike pro...
3/25	Late	Huvmek Pres...	no improv., ↓31.6%	Kovid-19 - Huvmek® Phase 2 clinical trial Phase 2 results from a multicenter RCT of hospitalized patients in Bulgaria showing faster viral cle...
3/24	Revi...	Yagisawa et al. ...	review	Global trends in clinical studies of ivermectin... Review of ivermectin for COVID-19. Authors note that Kitasato University's project was expanded i...
3/21	Early	Emmerich et al., Int. J. Environ. Res. P...		Comparisons between the Neighboring Stat... Comparison between the two largest neighboring states in Brazil, Amazonas and Pará, showing m...
3/18	Late	Del Franco et al., Journal of Biomedic...		Ivermectin in Long-Covid Patients: A Retrospe...

			Retrospective 856 patients previously admitted to hospital for COVID-19 in Argentina, finding that i...
3/12	Early	Roy et al., med... Retrospective database analysis of 56 mild COVID-19 patients, all treated with vitamin C, vitamin D...	recov. time, ↓5.6... Outcome of Different Therapeutic Interventio...
3/11	Meta	Nardelli et al., ... Meta analysis of RCT mortality results showing RR 0.19, $p < 0.00001$.	death, ↓79.5%, $p < ...$ Crying wolf in time of Corona: the strange ca...
3/11	Meta	Scheim et al., ... Analysis of several issues with López-Medina et al. including the atypical adverse effects in the co...	meta-analysis Ivermectin sales in Valle del Cauca, Colombi...
3/11	Meta	Bryant et al., R... Systematic review and meta analysis of 21 RCTs finding mortality RR 0.32 [0.14-0.72], and prophyl...	death, ↓68.0%, $p < ...$ Ivermectin for prevention and treatment of C...
3/11	Meta	Scheim et al., ... Report on protocol violations in López-Medina et al.	meta-analysis Protocol violations in López-Medina et al.: 38...
3/10	In Vit...	Yesilbag et al., ... <i>In Vitro</i> study showing that ivermectin can inhibit infection of bovine respiratory disease viral agent...	in vitro Ivermectin also inhibits the replication of bov...
3/9	Late	Pott-Junior et ... Small RCT with 4 control patients and 28 ivermectin patients split across 3 different dosage levels,...	ventilation, ↓85.2... Use of ivermectin in the treatment of Covid-1...
3/8	Early	Chamie-Quintero et al., OSF Preprints ... Analysis of ivermectin use in Peru concluding that ivermectin most likely caused a 14 times reduct...	Ivermectin for COVID-19 in Peru: 14-fold red...
3/8	Late	Guzman et al., medRxiv, doi:10.1101/2... Retrospective 196 critically ill patients in Mexico. Patients overlap with the existing RCT by Beltran...	Factors associated with increased mortality ...
3/8	Late	Galan et al., Pathogens and Global He... RCT 168 very late stage severe condition hospitalized patients comparing CQ, HCQ, and ivermecti...	Phase 2 randomized study on chloroquine, h...
3/5	Safety	Descotes, J., I... Safety analysis of >350 articles showing that ivermectin has an excellent safety profile. The author...	safety analysis Medical Safety of Ivermectin
3/4	Early	López-Medina ... An open letter, signed by >100 physicians, concluding this study is fatally flawed can be found at [...	death, ↓66.8%, $p < ...$ Effect of Ivermectin on Time to Resolution o...
3/1	In Sili...	Saha et al., Structural Chemistry, doi:1... <i>In Silico</i> analysis predicting that ivermectin has a large binding affinity for the SARS-CoV-2 spike pr...	The Binding mechanism of ivermectin and le...
2/23			

	Late	<i>Gonzalez et al...</i>	death, ↓14.4%, p<...	Efficacy and safety of Ivermectin and Hydrox...
				RCT late stage severe condition (93% SOFA ≥ 2, 96% APACHE ≥ 8) high comorbidity hospitalized p...
2/20	News	<i>BIRD Meeting ...</i>	news	BIRD Meeting 20th February 2021
				The British Ivermectin Recommendation Development (BIRD) panel, with dozens of multi-national ...
2/16	Early	<i>Elalfy et al., J. ...</i>	viral+, ↓86.9%, p<...	Effect of a combination of Nitazoxanide, Rib...
				Non-randomized controlled trial with 62 mild and early moderate patients with home treatment wit...
2/15	PrEP...	<i>Behera et al., R...</i>	cases, ↓83.0%, p<...	Prophylactic role of ivermectin in SARS-CoV...
				Prospective prophylaxis study with 3,532 healthcare workers, 2,199 receiving two-dose ivermectin ...
2/12	Early	<i>Schwartz, E., I...</i>	hosp., ↓70.2%, p=...	Ivermectin vs. placebo treatment in non-hos...
				Double blind RCT for mild-moderate COVID-19 outpatients in Israel showing significantly faster re...
2/10	Late	<i>Lima-Morales ...</i>	death, ↓77.7%, p<...	Effectiveness of a multidrug therapy consisti...
				Prospective trial of 768 COVID-19 outpatients in Mexico, 481 treated with ivermectin, AZ, monteluk...
2/2	Early	<i>Mohan et al., R...</i>	no recov., ↓62.5%...	Ivermectin in mild and moderate COVID-19 (...
				RCT in India with low risk patients, comparing 24mg ivermectin, 12mg ivermectin, and placebo sh...
1/29	Meta	<i>Cobos-Campo...</i>	meta-analysis	Potential use of ivermectin for the treatment ...
				Review finding that there appears to be sufficient evidence to recommend ivermectin for the treat...
1/27	Meta	<i>Castaneda-Sa...</i>	meta-analysis	Outcomes of Ivermectin in the treatment of ...
				Student-written meta analysis of a very small subset of studies exhibiting very high bias and signi...
1/25	In Sili...	<i>Eweas et al., Frontiers in Microbiology...</i>		Molecular Docking Reveals Ivermectin and R...
				Molecular docking analysis showing that ivermectin efficiently binds to the viral S protein as well a...
1/23	Anim...	<i>Errecalde et al...</i>	animal study	Safety and Pharmacokinetic Assessments o...
				Animal study of a novel spray formulation of ivermectin, showing an advantage of the spray formu...
1/21	Early	<i>Chamie-Quintero et al., Preprint, doi:1...</i>		Sharp Reductions in COVID-19 Case Fatalitie...
				Analysis of ivermectin usage within states in Peru showing sharp reductions in COVID-19 deaths c...
1/20	In Vit...	<i>Mody et al., Co...</i>	in vitro	Identification of 3-chymotrypsin like proteas...
				Computational molecular modeling screening and <i>in vitro</i> analysis for inhibitory effects on SARS-C...
1/19	Late	<i>Shahbaznejad ...</i>	death, ↑197.1%, ...	Effect of ivermectin on COVID-19: A multicen...
				RCT in Iran showing shorter time to recovery and shorter hospitalization time with ivermectin. The...

1/19	Meta	<i>Hill et al., Rese...</i>	death, ↓75.0%, p=...	Meta-analysis of randomized trials of iverme... Meta analysis of 18 ivermectin RCTs with 2,282 patients showing faster viral clearance (dose and ...
1/16	Early	<i>Raad et al., Chi...</i>	hosp., ↓85.7%, p=...	In vivo use of ivermectin (IVR) for treatment ... RCT in Lebanon showing significantly lower viral load at day 3, and lower hospitalization. Results a...
1/16	Early	<i>Bukhari et al., ...</i>	viral+, ↓82.4%, p<...	Efficacy of Ivermectin in COVID-19 Patients ... RCT of relatively low risk hospitalized patients with 50 ivermectin and 50 control patients showing ...
1/13	Early,...	<i>Kory et al., Fro...</i>	review	Review of the Emerging Evidence Demonstr... Meta analysis of ivermectin clinical studies and natural experiments where ivermectin has been wi...
1/12	Late	<i>Okumuş et al., ...</i>	death, ↓33.3%, p=...	Evaluation of the Effectiveness and Safety of... Small RCT for severe COVID-19 comparing the addition of ivermectin to SOC (low dose HCQ+AZ+f...
1/11	PrEP...	<i>Chahla et al., ...</i>	cases, ↓95.2%, p=...	A randomized trial - intensive treatment base... Prophylaxis RCT for ivermectin and iota-carrageenan in Argentina, 117 healthcare workers treated ...
1/11	N/A	<i>Bousquet-Mel...</i>	dosing study	Large Impact of obesity on the disposition of... Animal dosing study with an obese dog model concluding that ivermectin maintenance doses sho...
1/10	Revi...	<i>Formiga et al., ...</i>	review	Ivermectin: an award-winning drug with expe... Review hypothesizing that micro- and nanotechnology-based formulations of ivermectin for the p...
1/9	Early	<i>Kirti et al., med...</i>	death, ↓88.7%, p=...	Ivermectin as a potential treatment for mild t... RCT with 112 mild and moderate COVID-19 patients in India, showing lower mortality, ventilation, ...
1/8	Early	<i>Chamie, J. (Ne...</i>	news	COVID-19 in Mexico Comparison of COVID-19 death rates in Mexico showing that the only state using ivermectin has a...
1/6	Early	<i>Babalola et al.,...</i>	viral+, ↓63.9%, p=...	Ivermectin shows clinical benefits in mild to ... Small RCT comparing ivermectin 6mg & 12mg q84hr with lopinavir/ritonavir, showing a statistica...
1/6	PrEP...	<i>Hirsch et al., Microbiology & Infectious...</i>		Ivermectin as Prophylaxis Against COVID-19 ... Report on ivermectin prophylaxis for healthcare workers in a hospital in Argentina, showing 0 case...
1/3	Early,...	<i>Lawrie et al., P...</i>	death, ↓83.0%, p<...	Ivermectin reduces the risk of death from C... Meta analysis confirming the effectiveness of ivermectin for COVID-19, showing ivermectin treatm...
12/31	Late	<i>Wijaya et al., Cermin Dunia Kedoktera...</i>		Ivermectin as a Potential Therapeutic Agent ... Case report on 3 confirmed cases of COVID-19 with significant clinical and radiological improvem...

12/31	Anim...	<i>Madrid et al., H...</i>	animal study	Safety of oral administration of high doses o... <i>In vivo</i> analysis of the safety of high dose ivermectin with a <i>Corydoras</i> fish animal model.
12/30	Revi...	<i>McCullough et...</i>	review	Multifaceted highly targeted sequential multi... Review urging early treatment of COVID-19 with sequential multidrug treatment that has been sho...
12/30	Early	<i>Procter et al., Reviews in Cardiovascul...</i>		Clinical outcomes after early ambulatory mu... Retrospective 922 outpatients, with 320 treated early due to age>50 or comorbidities, showing 2.2...
12/27	Meta	<i>Hill, A., Preprin...</i>	meta-analysis	Meta-analysis of clinical trials of ivermectin t... WHO-funded meta analysis showing ivermectin treatment mortality relative risk RR 0.17 [0.08-0.3...
12/24	In Vit...	<i>Jeffreys et al., ...</i>	in vitro	Remdesivir-Ivermectin combination displays... <i>In Vitro</i> study showing enhanced antiviral activity of ivermectin and remdesivir in combination.
12/20	PrEP...	<i>Vallejos et al., ...</i>	cases, ↓73.4%, p...	Ivermectin to prevent hospitalizations in pati... Report on ivermectin prophylaxis in a hospital in Argentina showing lower cases for healthcare wo...
12/18	Early,...	<i>Kory et al., FLC...</i>	death, ↓69.0%, p<...	Review of the Emerging Evidence Demonstr... Meta analysis of ivermectin clinical studies and natural experiments where ivermectin has been wi...
12/15	PrEP...	<i>Alam et al., Eur...</i>	cases, ↓90.6%, p...	Ivermectin as Pre-exposure Prophylaxis for ... 91% reduction in COVID-19 cases with ivermectin prophylaxis. 118 healthcare workers in Banglad...
12/15	Early	<i>Afsar et al., SS...</i>	symptoms, ↓92.2...	Ivermectin Use Associated with Reduced Du... Small 95 patient study in Pakistan adding ivermectin to standard of care (HCQ+AZ) for outpatients...
12/11	Early	<i>Hussain et al., International Journal of...</i>		Outcome of ivermectin and doxycycline in ca... Small case study of ivermectin + doxycycline with 8 cancer patients, with all patients becoming P...
12/7	Early	<i>Chaccour et al...</i>	symp. prob., ↓52....	The effect of early treatment with ivermectin... Tiny RCT for early treatment of mild COVID-19 in low risk patients, with 12 400mcg/kg single dose...
12/4	Meta	<i>Kalfas et al., m...</i>	meta-analysis	The therapeutic potential of ivermectin for C... Review of ivermectin mechanisms and 8 trials, showing positive mortality benefit, reduced time to ...
12/4	In Vit...	<i>Surnar et al., A...</i>	in vitro	Clinically Approved Antiviral Drug in an Orally... <i>In Vitro</i> analysis of ivermectin with orally administrable nanoparticles showing efficacy for decreas...
12/2	Early	<i>Ahmed et al., l...</i>	symptoms, ↓85.0...	A five day course of ivermectin for the treat... Small 72 patient RCT of ivermectin and ivermectin + doxycycline showing faster recovery with iver...

12/2	Early	<i>Chamie, J. (Ne... news</i>		The effect of using ivermectin to control CO... After starting to distribute ivermectin in drug kits in July, the Mexican state of Chiapas has seen a ...
12/1	Early	<i>Alonso et al., (... death, ↓91.8%, p...</i>		COVID-19: Uso de ivermectina Observational study in Argentina showing significantly lower mortality in the 60 days after adoptin...
11/28	PrEP...	<i>Bernigaud et al... death, ↓99.4%, p...</i>		Ivermectin benefit: from scabies to COVID-1... 69 residents of a French care home, median age 90, were treated with ivermectin for a scabies out...
11/28	PrEP...	<i>Hellwig et al., l... cases, ↓78.0%, p...</i>		A COVID-19 Prophylaxis? Lower incidence as... Analysis of COVID-19 cases vs. widespread prophylactic use of ivermectin for parasitic infections ...
11/24	Late	<i>Niaee et al., Re... death, ↓81.8%, p...</i>		Ivermectin as an adjunct treatment for hospi... 82% lower mortality with ivermectin. RCT with 180 hospitalized patients showing reduced mortalit...
11/22	Anim...	<i>de Melo et al., ... animal study</i>		Anti-COVID-19 efficacy of ivermectin in the g... Hamster study finding significantly lower COVID-19 pathology although not finding lower viral load...
11/18	Late	<i>Budhiraja et al... death, ↓99.1%, p...</i>		Clinical Profile of First 1000 COVID-19 Cases... Retrospective 976 hospitalized patients with 34 treated with ivermectin showing ivermectin mortal...
11/17	PrEP...	<i>Carvallo et al., ... cases, ↓99.9%, p...</i>		Study of the Efficacy and Safety of Topical Iv... Prophylaxis study using ivermectin and iota-carrageenan showing 0 of 788 cases from treated he...
11/14	Late	<i>Spoorthi et al., ... recov. time, ↓21....</i>		Utility of Ivermectin and Doxycycline combin... 100 patient prospective trial of ivermectin + doxycycline showing reduced time to symptom resolu...
11/13	PrEP...	<i>Elgazzar et al., ... cases, ↓80.0%, p...</i>		Efficacy and Safety of Ivermectin for Treatm... RCT for prophylaxis with ivermectin showing a significant reduction in cases with treatment. Relat...
11/13	Late	<i>Elgazzar et al., ... death, ↓91.7%, p<...</i>		Efficacy and Safety of Ivermectin for Treatm... RCT comparing ivermectin + SOC vs. HCQ + SOC, showing a significant reduction in mortality with...
11/11	Late	<i>Camprubí et al... ventilation, ↓40.0...</i>		Lack of efficacy of standard doses of iverme... Tiny 26 patients retrospective study of ivermectin 200 µg/kg, median 12 days after symptoms, not...
11/11	Early	<i>Krolewiecki et al., SSRN (Preprint)</i>		Antiviral Effect of High-Dose Ivermectin in A... Viral load RCT finding a concentration dependent antiviral activity of oral high dose ivermectin at a...
11/10	Revi...	<i>Turkia, M., Res... review</i>		FLCCC Alliance MATH+ ascorbic acid and I-... Review suggesting that ivermectin should be used based on existing data suggesting significant b...

11/4	Early	<i>Cadegiani et al...</i>	death, ↓78.3%, p...	Early COVID-19 Therapy with Azithromycin P... Comparison of HCQ, nitazoxanide, and ivermectin showing similar effectiveness for overall clinical...
11/3	Early,...	<i>Morgenstern et al., J. Clinical Trials (pr...</i>		The Use of Compassionate Ivermectin in the... Retrospective 3,099 outpatients treated with ivermectin in an ER. Of 2,706 treated on an outpatient...
11/3	PrEP...	<i>Behera et al., P...</i>	cases, ↓53.8%, p...	Role of ivermectin in the prevention of SARS-... Retrospective matched case-control prophylaxis study for HCQ, ivermectin, and vitamin C with 37...
11/2	Anim...	<i>Arévalo et al., ...</i>	animal study	Ivermectin reduces in vivo coronavirus infect... Mouse study showing ivermectin reducing MHV viral load and disease. MHV is a type 2 family RN...
10/31	PrEP...	<i>Chang et al., ResearchGate (Preprint)</i>		COVID-19: Effectiveness of pre-exposure pro... Pre-exposure prophylaxis study with 129 people split into high/low exposure groups, with each gro...
10/31	Early	<i>Szente Fonseca...</i>	hosp., ↑13.9%, p=...	Risk of Hospitalization for Covid-19 Outpatie... Retrospective 717 patients in Brazil showing OR 1.17 [0.72-1.90] for ivermectin. With significant ov...
10/26	Late	<i>Hashim et al., ...</i>	death, ↓66.7%, p...	Controlled randomized clinical trial on using ... RCT 70 ivermectin+doxycycline patients and 70 control patients showing reduced time to recover...
10/22	PrEP...	<i>Guerrero et al., Colombia Médica, doi:...</i>		COVID-19: The Ivermectin African Enigma Study of African Programme for Onchocerciasis Control (APOC) countries, which used ivermectin, ...
10/19	PrEP...	<i>Carvalho et al., ...</i>	cases, ↓96.3%, p...	Usefulness of Topic Ivermectin and Carrage... Prophylaxis study using ivermectin and carrageenan showing 0 of 131 cases from treated healthc...
10/13	Early	<i>Chaccour et al....</i>	animal study	Nebulized ivermectin for COVID-19 and othe... Study showing that nebulized ivermectin can reach pharmacodynamic concentrations in the lung ...
10/13	Late	<i>Rajter et al., Ch...</i>	death, ↓46.0%, p...	Use of Ivermectin is Associated with Lower ... Retrospective 280 hospitalized patients showing lower mortality with ivermectin (13.3% vs 24.5%),...
10/9	Early	<i>Mahmud et al.,...</i>	death, ↓85.7%, p...	Ivermectin in combination with doxycycline f... RCT for ivermectin+doxycycline showing improvements in mortality, recovery, progression, and vir...
10/8	Theo...	<i>Francés-Mone...</i>	theory	Has Ivermectin Virus-Directed Effects agains... <i>In silico</i> study showing that ivermectin is capable of interfering in different key steps of the SARS-...
10/8	Late	<i>Soto-Becerra e...</i>	death, ↓17.1%, p...	Real-World Effectiveness of hydroxychloroqu...

				Retrospective database study of 5683 patients, 692 received HCQ/CQ+AZ, 200 received HCQ/CQ, ...
9/30	Late	<i>Chachar et al., ...</i>	no recov., ↓10.0%...	Effectiveness of Ivermectin in SARS-CoV-2/... Small RCT with 25 ivermectin and 25 control patients, not finding a significant difference in recove...
9/24	Late	<i>Khan et al., Arc...</i>	death, ↓87.0%, p<...	Ivermectin treatment may improve the progn... Retrospective 115 ivermectin patients and 133 control patients showing significantly lower death ...
9/22	In Vit...	<i>Li et al., J. Cell...</i>	<i>in vitro</i>	Quantitative proteomics reveals a broad-spe... <i>In Vitro</i> study showing Ivermectin is a safe wide-spectrum antiviral against SARS-CoV-2, human pa...
9/15	Early	<i>Carvalho et al., ...</i>	death, ↓87.9%, p...	Safety and Efficacy of the combined use of i... Prospective trial of ivermectin, dexamethasone, enoxaparin, and aspirin. There was one death fro...
9/15	Revi...	<i>Jans et al., Cell...</i>	review	Ivermectin as a Broad-Spectrum Host-Direct... Review of ivermectin as a host-directed broad-spectrum antiviral agent for a range of viruses, inclu...
9/6	Revi...	<i>DiNicolantonio...</i>	review	Ivermectin may be a clinically useful anti-infl... Review suggesting that ivermectin may be useful for late stage COVID-19. Authors note that iverm...
9/3	Late	<i>Podder et al., l...</i>	recov. time, ↓16....	Outcome of ivermectin treated mild to mode... Small RCT with 32 ivermectin patients and 30 control patients. The mean recovery time after enrol...
8/31	Late	<i>Kishoria et al., ...</i>	no disch., ↑7.5%, ...	Ivermectin as adjuvant to hydroxychloroquin... Small RCT of hospitalized patients in India with 19 ivermectin patients and 13 control patients, wit...
8/28	PrEP...	<i>Shouman et al...</i>	symp. case, ↓91....	Use of Ivermectin as a Potential Chemoprop... PEP trial for asymptomatic close contacts of COVID-19 patients, 203 ivermectin patients and 101 ...
8/15	Early	<i>Espitia-Hernan...</i>	viral+, ↓97.2%, p<...	Effects of Ivermectin-azithromycin-cholecalc... Small study with 28 patients treated with ivermectin + AZ + cholecalciferol and 7 control patients. ...
8/14	Late	<i>Bhattacharya et al., Int. J. Scientific Re...</i>		Observational Study on Clinical Features, Tre... Retrospective 148 hospitalized patients showing triple therapy with ivermectin + atorvastatin + N-...
7/31	Revi...	<i>Vora et al., Indi...</i>	review	White paper on Ivermectin as a potential the... Panel review of ivermectin reporting that "ivermectin in the dose of 12mg BD alone or in combinati...
7/31	Late	<i>Chang et al., ResearchGate (Preprint)</i>		Post-acute or prolonged COVID-19: ivermecti... Report on 33 patients with persistent or post-acute symptoms treated with ivermectin, showing a ...
7/31				

	Theo...	<i>Chang et al., R...</i>	theory	COVID-19: Post-exposure prophylaxis with iv... Proposed PEP protocol based on ivermectin.
7/31	Late	<i>Alam et al., Journal of Bangladesh Col...</i>		A Case Series of 100 COVID-19 Positive Pati... Case study of 100 patients treated with ivermectin and doxycycline, with no ICU admission, death...
7/31	Late	<i>Rahman et al., J. Bangladesh Coll. Phy...</i>		Comparison of Viral Clearance between Iver... Comparison of 200 patients treated with ivermectin + doxycycline and 200 treated with HCQ + AZ...
7/14	Early	<i>Chowdhury et ...</i>	hosp., ↓80.6%, p=...	A Comparative Study on Ivermectin-Doxycyc... Small 116 patient RCT with low-risk patients comparing ivermectin+doxycycline and HCQ+AZ, sho...
7/8	Late	<i>Gorial et al., m...</i>	death, ↓71.0%, p...	Effectiveness of Ivermectin as add-on Thera... Small trial of hospitalized patients with 16 of 87 patients being treated with ivermectin showing a ...
6/19	Theo...	<i>Lehrer et al., In...</i>	theory	Ivermectin Docks to the SARS-CoV-2 Spike R... <i>In silico</i> analysis showing ivermectin docking which may interfere with the attachment of the spike...
6/16	Early	<i>Ramos et al., Preprint (Preprint)</i>		Intervención de la Ivermectina Pre-Hospitala... Prospective study of 63 outpatients in Peru treated with ivermectin, reporting significant improve...
6/12	Revi...	<i>Heidary et al., ...</i>	review	Ivermectin: a systematic review from antivira... Review of the antimicrobial, antiviral, and anti-cancer properties of ivermectin. Antiviral effects hav...
5/2	Early	<i>Chang, G., Research Gate, doi:10.1314...</i>		Inclusión de la ivermectina en la primera líne... Peru observational case study of 7 patients treated with ivermectin, showing improvement and re...
4/21	Revi...	<i>Bray et al., Anti...</i>	review	Ivermectin and COVID-19: A report in Antivira... Responses to Caly et al., and the author's reply. The original authors note that "ivermectin's key dir...
4/3	In Vit...	<i>Caly et al., Anti...</i>	in vitro	The FDA-approved drug ivermectin inhibits t... <i>In Vitro</i> study showing that ivermectin is an inhibitor of SARS-CoV-2, with a single addition to Vero...
2013	N/A	<i>Guzzo et al., J. ...</i>	safety analysis	Safety, Tolerability, and Pharmacokinetics of ... Safety study concluding that ivermectin was generally well tolerated, with no indication of associat...

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 134 items. Studies with preprints and journal versions are listed under the earlier preprint date.

