

Supplementary Material

3.1. Group A: Inhibitors of SARS-CoV-2 Replication

3.1.1. Remdesivir

Table S1:

Reference	Type of Study Design	Clinical Evidence of Effectiveness in COVID-19 Patients	Clinical Evidence of Safety in COVID-19 patients	
			Adverse Events of Any Grade	Withdrawals
Hillaker et al. [22]	Case report	Effective	Not Disclosed	N/A*
Antinori et al. [23]	Prospective (compassionate), open-label study	Effective	Reported	Reported
Grein et al. [24]	Open-label cohort study	Effective	Reported	Reported
Beigel et al. [25]	Double-blind, randomized, placebo-controlled trial	Effective	Reported	Reported
Wang et al. [26]	Randomized, double-blind, placebo-controlled, multicenter trial	Not Effective	Reported	Reported

* N/A: Not applicable

3.1.2. Favipiravir

Table S2:

Reference	Type of Study Design	Clinical Evidence of Effectiveness in COVID-19 Patients	Clinical Evidence of Safety in COVID-19 patients	
			Adverse Events of Any Grade	Withdrawals
Cai et al. [30]	Open-Label control study	Effective	Reported	Not Reported
Chen et al. [31]	Prospective, randomized, controlled, open-label multicenter trial	Not Effective	Reported	Not Reported

* N/A: Not applicable

3.2. Group B: Inhibitors of SARS-CoV-2 Entry

3.2.1. Hydroxychloroquine

Table S3:

Reference	Type of Study Design	Clinical Evidence of Effectiveness in COVID-19 Patients	Clinical Evidence of Safety in COVID-19 patients	
			Adverse Events of Any Grade	Withdrawals
Gautret et al. (a) [41]	Open-label non-randomized clinical trial	Effective	Not Disclosed	Not Disclosed
Gautret et al. (b) [42]	Pilot observational study	Effective	Reported Abnormal ECG Findings	Not Disclosed
Arshad et al. [43]	Multi-center retrospective observational study	Effective	No Abnormal ECG Findings	Not Disclosed
Rosenberg et al. [44]	Retrospective cohort study	Not Effective	Reported Abnormal ECG Findings	Not Disclosed
Mahévas et al. [45]	Observational comparative study	Not Effective	Reported Abnormal ECG Findings	Reported
Mehra et al. [46]	Multinational registry analysis	Not Effective	Reported Abnormal ECG Findings	Not Disclosed
Geleris et al. [47]	Observational study	Not Effective	Reported Abnormal ECG Findings	Not Disclosed
Tang et al. [48]	Multicenter, open label, randomized controlled trial	Not Effective	No Abnormal ECG Findings	Reported
Self et al. [49]	Multicenter, blinded, placebo-controlled randomized trial	Not Effective	Reported Abnormal ECG Findings	Not Disclosed

* N/A: Not applicable

3.3. Group C: Adjunctive Therapies

3.3.1. Tocilizumab

Table S4:

Reference	Type of Study Design	Clinical Evidence of Effectiveness in COVID-19 Patients	Clinical Evidence of Safety in COVID-19 patients	
			Adverse Events of Any Grade	Withdrawals
Alattar et al. [63]	Retrospective study	Effective	Reported	Not Reported
Capra et al [64]	Retrospective observational study	Effective	Not Disclosed	Not Disclosed
Di Giambenedetto et al. [65]	Case series	Effective	Not Reported	Not Disclosed
Klopfenstein et al. [66]	Retrospective case-control study	Effective	Not Disclosed	Not Disclosed
Luo et al. [67]	Single center retrospective study	Effective	Not Disclosed	Not Disclosed
Mazzitelli et al. [68]	Case series	Effective	Reported	Not Disclosed
Quartuccio et al. [69]	Single center retrospective study	Effective	Not Reported	Not Disclosed
Sciascia et al. [70]	Pilot prospective open, single-arm multicenter study	Effective	Not reported	Not Disclosed
Toniati et al. [71]	Single center prospective study	Effective	Reported	Not Disclosed
Xu et al. [72]	Retrospective study	Effective	Not Reported	Not Disclosed
Cellina et al. [73]	Case report	Effective	Not Disclosed	N/A
De Luna et al. [74]	Case report	Effective	Not Disclosed	N/A
Michot et al. [75]	Case report	Effective	Reported	N/A
Wang et al. [76]	Case report	Effective	Not Reported	N/A
Campochiaro et al. [77]	Single-center retrospective cohort study	Not Effective	Reported	Not Disclosed
Colaneri et al. [78]	Controlled retrospective study	Not Effective	Not Reported	Not Disclosed
Morena et al. [79]	Open-label prospective study	Not Effective	Reported	Not Disclosed
Radbel et al. [80]	Case report	Not Effective	Reported	N/A

3.3.3. Convalescent Plasma

Table S5:

Reference	Type of Study Design	Clinical Evidence of Effectiveness in COVID-19 Patients	Clinical Evidence of Safety in COVID-19 patients	
			Adverse Events of Any Grade	Withdrawals
Ahn et al. [88]	Case series	Effective	Not Reported	Not Disclosed
Çınar et al. [89]	Case report	Effective	Not Reported	N/A
Duan et al. [90]	Case series	Effective	Reported	Not Disclosed
Kong et al. [91]	Case report	Effective	Not Disclosed	N/A
Salazar et al. [92]	Case series	Effective	Not Reported	Not Disclosed
Ye et al. [93]	Case series	Effective	Not Reported	Not Disclosed
Zeng et al. [94]	Case series	Not Effective	Not Reported	Not Disclosed
Li et al. [95]	Open-label, multicenter, randomized clinical trial	Not Effective	Reported	Not Reported