

## Supplementary Materials:

Table S1. Details of included studies

<i>First Author</i>	<i>Number of included participants</i>	<i>Age</i>	<i>Female</i>	<i>Male</i>	<i>Long-COVID cases</i>	<i>Age</i>	<i>Female</i>	<i>Male</i>	<i>Long-COVID cases which underwent imaging</i>	<i>Age</i>	<i>Female</i>	<i>Male</i>	<i>ROB</i>	<i>Study design</i>
<i>Armange et al.</i>	214	NM	NM	NM	99	NM	NM	NM	23	44	18	5	<i>fair</i>	<i>cohort</i>
<i>Bai et al.</i>	7	66.3	4	3	4	62.7	2	2	4	62.7	2	2	<i>fair</i>	<i>Case-control</i>
<i>Cesarone et al.</i>	18	56.9	8	10	18	56.9	8	10	18	56.9	8	10	<i>fair</i>	<i>cohort</i>
<i>Gaspardone et al.</i>	70	68	22	48	70	68	22	48	70	68	22	48	<i>fair</i>	<i>cohort</i>
<i>Rinaldo et al.</i>	75	57	32	43	68	NM	NM	NM	68	NM	NM	NM	<i>fair</i>	<i>cohort</i>
<i>Sollini et al.</i>	10	58	3	7	10	58	3	7	10	58	3	7	<i>fair</i>	<i>cohort</i>
<i>Sollini et al.</i>	13	54	5	8	13	53	5	8	13	54	5	8	<i>fair</i>	<i>Case-control</i>
<i>Yin et al</i>	337	53.5	167	170	91	58.7	167	170	91	58.7	34	57	<i>fair</i>	<i>cohort</i>
<i>Miwa et al.</i>	17	61.2	3	14	12	60.2	2	10	12	63.2	2	10	<i>fair</i>	<i>cohort</i>
<b>Total originals</b>	761	68.0	244	303	385	59.7	94	147	309	59.7	94	147	<i>fair</i>	---
<i>Tung-Chen et al.<sup>30</sup></i>	1	41	1	0	1	41	1	0	1	41	1	0	<i>fair</i>	<i>Case-series</i>
<i>Tung-Chen et al.</i>	1	35	1	0	1	35	1	0	1	35	1	0	<i>fair</i>	<i>Case-series</i>
<i>Tung-Chen et al.</i>	1	64	0	1	1	64	0	1	1	64	0	1	<i>fair</i>	<i>Case-series</i>
<i>Scelfo et al.<sup>49</sup></i>	1	59	1	0	1	59	1	0	1	59	1	0	<i>fair</i>	<i>Case-series</i>
<i>Scelfo et al.</i>	1	59	0	1	1	59	0	1	1	59	0	1	<i>fair</i>	<i>Case-series</i>
<i>Aesif et al.<sup>31</sup></i>	1	46	0	1	1	46	0	1	1	46	0	1	<i>fair</i>	<i>Case-series</i>
<i>Aesif et al.</i>	1	57	1	0	1	57	1	0	1	57	1	0	<i>fair</i>	<i>Case-series</i>
<i>Aesif et al.</i>	1	57	0	1	1	57	0	1	1	57	0	1	<i>fair</i>	<i>Case-series</i>
<i>Lago et al.<sup>50</sup></i>	1	72	0	1	1	72	0	1	1	72	0	1	<i>fair</i>	<i>Case-series</i>
<i>Lago et al.</i>	1	59	0	1	1	59	0	1	1	59	0	1	<i>fair</i>	<i>Case-series</i>
<i>Lago et al.</i>	1	63	1	0	1	63	1	0	1	63	1	0	<i>fair</i>	<i>Case-series</i>
<i>Lago et al.</i>	1	62	1	0	1	62	1	0	1	62	1	0	<i>fair</i>	<i>Case-series</i>
<i>Rai et al.<sup>51</sup></i>	1	84	0	1	1	84	0	1	1	84	0	1	<i>fair</i>	<i>Case-series</i>
<i>Rai et al.</i>	1	65	0	1	1	65	0	1	1	65	0	1	<i>fair</i>	<i>Case-series</i>
<i>Rai et al.</i>	1	36	0	1	1	36	0	1	1	36	0	1	<i>fair</i>	<i>Case-series</i>
<i>Singh et al.<sup>52</sup></i>	1	45	1	0	1	45	1	0	1	45	1	0	<i>fair</i>	<i>Case-series</i>
<b>Total case-series</b>	16	56.5	7	9	16	56.5	7	9	17	56.5	7	10	<i>fair</i>	<i>Case-series</i>
<i>Abdelnour et al.<sup>53</sup></i>	1	68	1	0	1	68	1	0	1	68	1	0	<i>fair</i>	<i>Case-report</i>
<i>Betelli et al.<sup>54</sup></i>	1	67	0	1	1	67	0	1	1	67	0	1	<i>fair</i>	<i>Case-report</i>
<i>Horii et al.<sup>55</sup></i>	1	66	0	1	1	66	0	1	1	66	0	1	<i>fair</i>	<i>Case-report</i>
<i>Zhou et al.<sup>56</sup></i>	1	40	0	1	1	40	0	1	1	40	0	1	<i>fair</i>	<i>Case-report</i>
<i>Alhiyari et al.<sup>32</sup></i>	1	60	0	1	1	60	0	1	1	60	0	1	<i>fair</i>	<i>Case-report</i>
<i>Aissaoui et al.<sup>59</sup></i>	1	61	0	1	1	61	0	1	1	61	0	1	<i>fair</i>	<i>Case-report</i>
<i>Dayco et al.<sup>58</sup></i>	1	69	0	1	1	69	0	1	1	69	0	1	<i>fair</i>	<i>Case-report</i>
<i>Garg et al.<sup>28</sup></i>	1	61	0	1	1	61	0	1	1	61	0	1	<i>fair</i>	<i>Case-report</i>
<i>Hamad et al.<sup>33</sup></i>	1	42	0	1	1	42	0	1	1	42	0	1	<i>fair</i>	<i>Case-report</i>
<i>Heiss et al.<sup>29</sup></i>	1	60	0	1	1	60	0	1	1	60	0	1	<i>fair</i>	<i>Case-report</i>
<i>Liu et al.<sup>59</sup></i>	1	57	1	0	1	57	1	0	1	57	1	0	<i>fair</i>	<i>Case-report</i>

Malik et al. <sup>34</sup>	1	67	0	1	1	67	0	1	1	67	0	1	fair	Case-report
Mazzolini et al. <sup>60</sup>	1	74	1	0	1	74	1	0	1	74	1	0	fair	Case-report
Mitrani et al. <sup>61</sup>	1	55	0	1	1	55	0	1	1	55	0	1	fair	Case-report
Susanto et al. <sup>62</sup>	1	46	0	1	1	46	0	1	1	46	0	1	poor	Case-report
Zhu et al. <sup>63</sup>	1	30	0	1	1	30	0	1	1	30	0	1	fair	Case-report
Boehm et al. <sup>64</sup>	1	70	0	1	1	70	0	1	1	70	0	1	fair	Case-report
<b>Total case-reports</b>	17	58.4	3	14	17	58.4	3	14	30	57.7	3	27	---	Case-report

Table S2. Risk factors and comorbidities of Long-COVID patients in the included articles

First Author	Previously smoker	Currently smoker	Hypertension	Diabetes	Chronic obstructive lung disease	Autoimmune Disease	Asthma	Chronic polmunary Disease	Intubated cases
Armange et al.	NM	4	NM	NM	NM	NM	4	NM	0
Bai et al.	NM	NM	1	0	0	0	0	0	NM
Cesarone et al.	NM	NM	NM	NM	NM	NM	NM	NM	NM
Gaspardone et al.	NM	5	37	15	4	0	0	0	43
Rinaldo et al.	NM	NM	NM	NM	NM	NM	NM	NM	NM
Sollini et al.	NM	NM	NM	NM	NM	NM	NM	NM	2
Sollini et al.	NM	NM	3	3	0	1	0	0	NM
Yin et al.	NM	8	NM	NM	NM	NM	NM	NM	NM
Miwa et al.	6	2	6	5	0	0	1	0	12
Tung-Chen et al.	NM	NM	NM	NM	NM	NM	NM	NM	NM
Tung-Chen et al.	NM	NM	NM	NM	NM	NM	NM	NM	NM
Tung-Chen et al.	NM	NM	NM	NM	NM	NM	NM	NM	NM
Scelfo et al.	NM	0	0	0	0	1	0	0	0
Scelfo et al.	NM	0	1	0	0	0	0	0	1
Aesif et al.	NM	NM	1	0	0	0	0	0	1
Aesif et al.	NM	NM	0	0	0	0	0	0	0
Aesif et al.	NM	NM	1	0	0	0	0	0	0
Lago et al.	1	0	0	0	0	0	0	0	0
Lago et al.	1	0	1	0	0	0	0	0	0
Lago et al.	1	0	1	0	0	0	0	0	0
Lago et al.	1	0	0	1	0	0	0	0	0
Rai et al.	0	0	0	0	0	0	0	0	0
Rai et al.	0	0	0	0	0	0	0	0	0
Rai et al.	0	0	0	0	0	0	0	0	0
Singh et al.	0	0	1	0	0	0	0	0	0
Abdelnour et al.	NM	NM	0	0	0	0	0	0	1
Betelli et al.	NM	NM	1	0	0	0	0	0	0
Horii et al.	1	1	1	0	0	0	0	0	1
Zhou et al.	NM	NM	0	0	0	0	0	0	0
Alhiyari et al.	0	0	0	1	0	0	0	0	0
Aissaoui et al.	0	0	0	0	0	0	1	0	0
Dayco et al.	NM	NM	0	0	0	0	0	0	0

Garg et al.	NM	NM	0	1	0	0	0	0	0
Hamad et al.	NM	NM	NM	NM	NM	NM	NM	NM	NM
Heiss et al.	NM	NM	NM	NM	NM	NM	NM	NM	0
Liu et al.	NM	NM	NM	NM	NM	NM	NM	NM	NM
Malik et al.	NM	NM	1	0	0	0	0	0	0
Mazzolini et al.	1	1	0	0	1	0	0	0	0
Mitrani et al.	NM	NM	NM	NM	NM	NM	NM	NM	0
Susanto et al.	0	0	0	0	0	0	0	0	NM
Zhu et al.	0	0	0	0	0	0	0	0	0
Boehm et al.	1	0	1	0	0	0	0	0	1

Table S3. Frequency of administrated medications during the acute phase in participants of included studies

First Author	Cases	COVID Medical Treatment	Anti-coagulants	Hydroxychloroquine	Corticostroids	Oral Antibiotics	Intra-venous Antibiotics	Antiviral therapy	IL-1 inhibitor	IL-6 inhibitors	Immunoglobulin therapy
Armange et al.	23	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Bai et al.	4	4	NM	0	3	3	0	4	0	0	0
Cesarone et al.	18	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Gaspardone et al.	70	55	NM	48	NM	25	NM	39	18	7	NM
Rinaldo et al.	68	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Sollini et al.	10	NM	3	3	NM	NM	NM	NM	NM	NM	NM
Sollini et al.	13	3	7	6	5	4	5	4	0	0	0
Yin et al.	91	NM	NM	NM	NM	NM	NM	83	NM	NM	55
Miwa et al.	12	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Tung-Chen et al.	1	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Tung-Chen et al.	1	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Scelfo et al.	1	1	0	1	0	0	0	1	0	1	0
Scelfo et al.	1	1	0	1	0	0	0	1	0	1	0
Aesif et al.	1	1	0	0	0	0	0	1	0	1	0
Aesif et al.	1	1	0	0	0	0	0	1	0	0	0
Aesif et al.	1	1	1	1	1	1	0	0	1	1	0
Lago et al.	1	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Lago et al.	1	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Lago et al.	1	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Lago et al.	1	NM	NM	NM	NM	NM	NM	NM	NM	NM	NM
Rai et al.	1	1	1	0	1	0	0	1	0	0	0
Rai et al.	1	1	1	0	1	0	0	0	0	0	0
Rai et al.	1	1	0	0	1	0	1	1	0	0	0
Singh et al.	1	1	1	0	1	1	0	0	0	0	0
Abdelnour et al.	1	0	0	0	0	0	1	0	0	0	0
Betelli et al.	1	1	1	1	0	1	1	0	0	0	0

<i>Horii et al.</i>	1	1	0	1	0	0	1	1	0	1	0
<i>Zhou et al.</i>	1	1	0	0	1	0	0	1	0	0	1
<i>Alhiyari et al.</i>	1	1	0	0	1	0	1	1	0	0	0
<i>Aissaoui et al.</i>	1	0	1	0	1	0	0	0	0	0	0
<i>Dayco et al.</i>	1	1	0	0	1	0	0	0	0	0	0
<i>Garg et al.</i>	1	1	0	0	1	0	0	1	0	0	0
<i>Hamad et al.</i>	1	0	0	0	0	0	0	0	0	0	0
<i>Heiss et al.</i>	1	0	0	0	0	0	0	0	0	0	0
<i>Liu et al.</i>	1	1	0	0	1	0	0	1	0	0	0
<i>Malik et al.</i>	1	1	1	0	1	1	1	1	0	0	0
<i>Mazzolini et al.</i>	1	1	1	1	1	1	0	0	0	1	0
<i>Mitrani et al.</i>	1	1	0	0	1	0	1	0	0	0	0
<i>Susanto et al.</i>	1	1	0	1	0	1	1	1	0	0	0
<i>Zhu et al.</i>	1	0	0	0	1	0	1	1	0	0	0
<i>Boehm et al.</i>	1	1	0	1	1	1	1	1	0	0	0

Table S4. Frequency of Long-COVID symptoms in participants of included studies

First Author	Cough	Fatigue	Weakness	Dyspnea	Dyspnea on exertin
<i>Armenge et al.</i>	NM	NM	9	19	NM
<i>Bai et al.</i>	4	1	0	0	0
<i>Cesarone et al.</i>	2	5	NM	6	NM
<i>Gaspardone et al.</i>	NM	NM	NM	NM	NM
<i>Rinaldo et al.</i>	NM	NM	NM	NM	NM
<i>Sollini et al.</i>	NM	7	NM	7	NM
<i>Sollini et al.</i>	0	8	0	9	0
<i>Yin et al.</i>	NM	NM	NM	91	NM
<i>Miwa et al.</i>	NM	NM	NM	NM	7
<i>Tung-Chen et al.</i>	0	0	1	0	1
<i>Tung-Chen et al.</i>	0	0	1	0	1
<i>Tung-Chen et al.</i>	0	0	1	0	1
<i>Scelfo et al.</i>	0	1	0	1	0
<i>Scelfo et al.</i>	0	0	1	1	0
<i>Aesif et al.</i>	NM	NM	NM	NM	NM
<i>Aesif et al.</i>	NM	NM	NM	NM	NM
<i>Aesif et al.</i>	NM	NM	NM	NM	NM
<i>Lago et al.</i>	NM	1	NM	0	NM
<i>Lago et al.</i>	NM	1	NM	0	NM
<i>Lago et al.</i>	NM	1	NM	0	NM
<i>Lago et al.</i>	NM	0	NM	1	NM
<i>Rai et al.</i>	NM	NM	NM	NM	NM
<i>Rai et al.</i>	NM	NM	NM	NM	1
<i>Rai et al.</i>	NM	NM	NM	NM	1
<i>Singh et al.</i>	0	NM	NM	1	NM

<i>Abdelnour et al.</i>	NM	NM	NM	NM	NM
<i>Betelli et al.</i>	0	0	0	1	0
<i>Horii et al.</i>	NM	NM	NM	NM	NM
<i>Zhou et al.</i>	NM	NM	NM	NM	NM
<i>Alhiyari et al.</i>	1	NM	NM	NM	NM
<i>Aissaoui et al.</i>	0	0	0	1	1
<i>Dayco et al.</i>	NM	NM	NM	NM	NM
<i>Garg et al.</i>	NM	NM	NM	NM	1
<i>Hamad et al.</i>	1	0	0	1	NM
<i>Heiss et al.</i>	NM	NM	NM	NM	1
<i>Liu et al.</i>	1	NM	NM	NM	NM
<i>Malik et al.</i>	NM	NM	NM	1	NM
<i>Mazzolini et al.</i>	NM	NM	NM	1	NM
<i>Mitrani et al.</i>	NM	NM	NM	1	1
<i>Susanto et al.</i>	NM	NM	NM	1	NM
<i>Zhu et al.</i>	1	NM	NM	1	NM
<i>Boehm et al.</i>	NM	NM	NM	NM	NM

Table S5. Imaging modalities and imaging findings of included case-studies

<i>First Author</i>	<i>Evaluation setting</i>	<i>Evaluation time in days (performing the imaging)</i>	<i>Imaging Modality</i>	<i>imaging finding</i>	<i>Category Interstitial</i>	<i>Category Pleural</i>	<i>Category Airway</i>	<i>Category Parenchymal</i>
<i>Tung-Chen et al.<sup>30</sup></i>	<i>Re-admission</i>	56	<i>CT, US</i>	<i>pleural thickening</i>	0	1	0	0
<i>Tung-Chen et al.</i>	<i>Re-admission</i>	56	<i>CT, US</i>	<i>GGO</i>	0	0	0	1
<i>Tung-Chen et al.</i>	<i>Re-admission</i>	56	<i>CT, US</i>	<i>Fibrotic change</i>	0	0	0	0
<i>Scelfo et al.<sup>49</sup></i>	<i>Re-admission</i>	29	<i>CT</i>	<i>GGO, Consolidation, linear scarring, interstitial thickening</i>	1	0	0	1
<i>Scelfo et al.</i>	<i>Re-admission</i>	28	<i>CT</i>	<i>Consolidation, pleural effusion, reticulation</i>	1	1	0	1
<i>Aesif et al.<sup>31</sup></i>	<i>Prolonged hospitalization</i>	38	<i>CT</i>	<i>GGO, Consolidation, pneumothorax, hemopneumothorax, airspace opacity</i>	0	1	0	1
<i>Aesif et al.</i>	<i>Prolonged hospitalization</i>	40	<i>CT</i>	<i>Consolidation, pleural effusion, airspace opacity</i>	0	1	0	1
<i>Aesif et al.</i>	<i>Prolonged hospitalization</i>	122	<i>CXR</i>	<i>complete opacification, volume loss</i>	0	0	0	1
<i>Lago et al.<sup>50</sup></i>	<i>Follow-up assessment</i>	90	<i>CT</i>	<i>GGO, reticular opacity, volume loss</i>	0	0	0	1
<i>Lago et al.</i>	<i>Follow-up assessment</i>	90	<i>CT</i>	<i>GGO, reticular opacity, volume loss</i>	0	0	0	1
<i>Lago et al.</i>	<i>Follow-up assessment</i>	90	<i>CT</i>	<i>GGO, reticular opacity, volume loss</i>	0	0	0	1
<i>Lago et al.</i>	<i>Follow-up assessment</i>	90	<i>CT</i>	<i>GGO, reticular opacity, volume loss</i>	0	0	0	1
<i>Rai et al.<sup>51</sup></i>	<i>Prolonged hospitalization</i>	28	<i>CT</i>	<i>reticular opacity, bronchiolectasis, bronchiectasis, emphysematous changes, architectural distortion, honeycomb-like appearance</i>	1	0	1	1

Rai et al.	Prolonged hospitalization	42	CT, CXR	GGO, Consolidation, reticulation, honeycomb-like appearance, volume loss	1	0	0	1
Rai et al.	prolonged hospitalization	29	CT	GGO, Fibrotic change	1	0	0	1
Singh et al. <sup>52</sup>	prolonged hospitalization	31	CT	GGO, bronchiectasis, interstitial thickening	1	0	1	0
Abdelnour et al. <sup>53</sup>	prolonged hospitalization	41	CXR	Aeration	0	0	0	1
Betelli et al. <sup>54</sup>	re-admission	35	CT	GGO, Consolidation, pleural effusion	0	1	0	1
Horii et al. <sup>55</sup>	prolonged hsp	50	CT	GGO, Consolidation, pleural effusion, atelectasis	0	1	0	1
Zhou et al. <sup>56</sup>	re-admission	44	CT	Consolidation	0	0	0	1
Alhiyari et al. <sup>32</sup>	re-admission	130	CT	GGO, bronchiectasis, interlobular septal thickening, reticulation, honeycomb-like appearance, interstitial pneumonia pattern	1	0	1	1
Aissaoui et al. <sup>59</sup>	Follow-up assessment	150	CT	GGO, reticulation, Fibrotic change, emphysematous changes	1	0	0	1
Dayco et al. <sup>58</sup>	prolonged hospitalization	90	CT	Fibrotic change, pulmonary edema	1	0	0	0
Garg et al. <sup>28</sup>	Follow-up assessment	53	CT	interlobular septal thickening, parenchymal band, Fibrotic change, bronchiectasis, bronchiolectasis, crazy-paving pattern	1	0	1	1
Hamad et al. <sup>33</sup>	re-admission	35	CXR	pneumothorax, airspace opacity	0	1	0	1
Heiss et al. <sup>29</sup>	Follow-up assessment	97	CT	GGO, Consolidation	0	0	0	1
Liu et al. <sup>59</sup>	Re-admission	46	CT	GGO, Consolidation	0	0	0	1
Malik et al. <sup>34</sup>	prolonged hospitalization	42	CT	GGO, Fibrotic change, bronchiectasis, architectural distortion, linear scarring, airspace disease, COVID pneumonia	1	0	1	1
Mazzolini et al. <sup>60</sup>	prolonged hospitalization	55	CT	GGO, Fibrotic change, architectural distortion, emphysematous changes, volume loss	1	0	0	0
Mitrani et al. <sup>61</sup>	Follow-up assessment	60	CXR	bilateral pneumonia/viral pneumonitis	0	0	0	1
Susanto et al. <sup>62</sup>	Follow-up assessment	75	CT	Fibrotic change, Consolidation, bronchiolectasis, parenchymal band	1	0	1	1
Zhu et al. <sup>63</sup>	prolonged hospitalization	28	CT	Fibrotic change	NM	NM	NM	NM
Boehm et al. <sup>64</sup>	prolonged hospitalization	40	CT	Consolidation	NM	NM	NM	1
Total	---	60.18	CT/CXR/US	---	13	7	20	27

Table S6. Frequency of lung imaging abnormalities per different evaluation setting

<b>Evaluation setting</b>	<b>First Author</b>	<b>Number of Long COVID cases underwent imaging</b>	<b>Positive imaging</b>	<b>Negative imaging</b>	<b>Category Interstitial abnormalities</b>	<b>Category Pleural abnormalities</b>	<b>Category Airway abnormalities</b>	<b>Category Parenchymal abnormalities</b>
<b>Follow-up evaluation</b>	<i>Armange et al.</i>	23	4	19	0	0	0	4
	Bai et al.	4	4	0	3	0	0	1
	<i>Cesarone et al.</i>	18	7	11	7	0	0	0
	<i>Rinaldo et al.</i>	68	43	25	NA	NA	NA	NA
	<i>Sollini et al.</i>	10	2	8	6	0	0	0
	<i>Sollini et al.</i>	13	4	9	NA	NA	NA	NA
	Yin et al.	91	NM	NM	76	7	22	68
	Miwa et al.	12	12	0	0	0	0	12
	Lago et al.	1	1	0	0	0	0	1
	Lago et al.	1	1	0	0	0	0	1
	Lago et al.	1	1	0	0	0	0	1
	Lago et al.	1	1	0	0	0	0	1
	<i>Aissaoui et al.</i>	1	1	0	1	0	0	1
	Garg et al.	1	1	0	1	0	1	1
	Heiss et al.	1	1	0	0	0	0	1
	Mitrani et al.	1	1	0	0	0	0	1
	<i>Susanto et al.</i>	1	1	0	1	0	1	1
	<i>Total FU evaluation</i>	248	85	72	95	7	24	94
<b>Re-admission</b>	<i>Tung-Chen et al.</i>	1	1	0	0	1	0	0
	<i>Tung-Chen et al.</i>	1	1	0	0	0	0	1
	<i>Tung-Chen et al.</i>	1	1	0	0	0	0	0
	Scelfo et al.	1	1	0	1	0	0	1
	Scelfo et al.	1	1	0	1	1	0	1
	Betelli et al.	1	1	0	0	1	0	1
	Zhou et al.	1	1	0	0	0	0	1
	Alhiyari et al.	1	1	0	1	0	1	1
	Hamad et al.	1	1	0	0	1	0	1
	Liu et al.	1	1	0	0	0	0	1
	<i>Total Re-admission</i>	10	10	0	3	3	1	9
<b>Prolonged hospitalization</b>	Gaspardone et al.	70	NM	NM	NA	NA	NA	NA
	Aesif et al.	1	1	0	0	1	0	1
	Aesif et al.	1	1	0	0	1	0	1
	Aesif et al.	1	1	0	0	0	0	1
	Rai et al.	1	1	0	1	0	1	1
	Rai et al.	1	1	0	1	0	0	1
	Rai et al.	1	1	0	1	0	0	1
	Singh et al.	1	1	0	1	0	1	0

	Abdelnour et al.	1	1	0	0	0	0	1
	Horii et al.	1	1	0	0	1	0	1
	Dayco et al.	1	1	0	1	0	0	0
	Malik et al.	1	1	0	1	0	1	1
	Mazzolini et al.	1	1	0	1	0	0	0
	Zhu et al.	1	NM	NM	NM	NM	NM	NM
	Boehm et al.	1	NM	NM	NM	NM	NM	1
	Total prolonged hospitalization	84	12	0	7	3	3	10