

Supplementary Material S1 – Initial search

Table S1 – Records retrieved through database searches

Source	Date / Time (GMT) of database search	Hits (Records retrieved)	Search details
MEDLINE (Ovid)	28 April 2020 at 14:18 (GMT)	225	Search strategy attached in S1.1
EMBASE (Ovid)	Searched 28 April 2020 at 16:04	232	Search strategy attached in S1.2
Clinical trials.gov	Searched 28 April 2020 at 16:56	6	Used the COVID 19 filter in clinicaltrials.gov and sorted by topic. See S1.3
WHO database	Searched 28 April 2020 at 17:42	221	Downloaded Endnote file on 28 April 2020 from link.* See S1.4
TOTAL		684	

*<https://www.who.int/emergencies/diseases/novel-coronavirus-2019/global-research-on-novel-coronavirus-2019-ncov>

S1.1 - MEDLINE ALL (Ovid) -Searched 28 April 2020 at 14:18 (GMT)

1	exp coronavirus/	12592
2	((corona* or corono*) adj1 (virus* or viral* or virinae*)).ti,ab,kw.	804
3	(coronavirus* or coronavirus* or coronavirinae* or Coronavirus* or Coronavirus* or Wuhan* or Hubei* or Huanan or "2019-nCoV" or 2019nCoV or nCoV2019 or "nCoV-2019" or "COVID-19" or COVID19 or "CORVID-19" or CORVID19 or "WN-CoV" or WNCov or "HCoV-19" or HCoV19 or CoV or "2019 novel*" or Ncov or "n-cov" or "SARS-CoV-2" or "SARSCoV-2" or "SARSCoV2" or "SARS-CoV2" or SARSCov19 or "SARS-Cov19" or "SARSCov-19" or "SARS-Cov-19" or Ncovor or Ncorona* or Ncorono* or NcovWuhan* or NcovHubei* or NcovChina* or NcovChinese*).ti,ab,kw.	23556
4		489

	((respiratory* adj2 (symptom* or disease* or illness* or condition*)) or "seafood market*" or "food market*") adj10 (Wuhan* or Hubei* or China* or Chinese* or Huanan*).ti,ab,kw.	
5	((outbreak* or wildlife* or pandemic* or epidemic*) adj1 (China* or Chinese* or Huanan*).ti,ab,kw.	189
6	"severe acute respiratory syndrome*".ti,ab,kw.	5429
7	or/1-6	30255
8	Kidney Diseases/	83306
9	exp Renal Replacement Therapy/	208782
10	Renal Insufficiency/	15645
11	exp Renal Insufficiency, Chronic/	113463
12	exp Acute Kidney Injury/	45609
13	aki.tw.	11922
14	((kidney or renal) adj injur\$).tw.	35588
15	(end stage kidney or end stage renal or endstage kidney or endstage renal).tw.	41096
16	(kidney disease* or renal disease* or kidney failure or renal failure).tw.	205646
17	(ESKD or ESKF or ESRD or ESRF).tw.	17783
18	(CKF or CKD or CRF or CRD).tw.	45670

19	(CAPD or CCPD or APD).tw.	11566
20	(pre-renal or prerenal).tw.	1107
21	anti-gbm.tw.	1398
22	Hemorrhagic Fever with Renal Syndrome/	2582
23	(tubul* adj (injury or necrosis or damage)).tw.	10806
24	h?emolytic ur?emi\$.tw.	7363
25	*Hemolytic-Uremic Syndrome/	4080
26	(oliguri\$ or anuri\$).mp.	10661
27	Kidney Cortex Necrosis/	886
28	(kidney\$ or nephropath\$ or renal or uropathy).tw.	876531
29	(anti-glomerular or antiglomerular).mp.	3212
30	(microalbuminuri* or macroalbuminuri* or albuminuria*).tw.	18219
31	Renal Dialysis/	90405
32	Hemodialysis, Home/	1917
33	dialysis.tw.	105817

34	(uremia or uraemia).tw.	10569
35	(hemodialysis or haemodialysis or hemofiltration or haemofiltration or hemodiafiltration or haemodiafiltration).tw.	79696
36	(acetate free adj2 biofiltration).tw.	115
37	(predialysis or pre dialysis).tw.	4978
38	(glomerular filtration rate or glomerular sclerosis).tw.	43787
39	or/8-38	1062163
40	7 and 39	987
41	limit 40 to yr="2019 -Current"	225

S1.2- EMBASE (Ovid) -Searched 28 April 2020 at 16:04 (GMT)

1	exp coronavirus/	13134
2	((corona* or corono*) adj1 (virus* or viral* or virinae*)).ti,ab,kw.	631
3	(coronavirus* or coronovirus* or coronavirinae* or Coronavirus* or Coronovirus* or Wuhan* or Hubei* or Huanan or "2019-nCoV" or 2019nCoV or nCoV2019 or "nCoV-2019" or "COVID-19" or COVID19 or "CORVID-19" or CORVID19 or "WN-CoV" or WNCov or "HCoV-19" or HCoV19 or CoV or "2019 novel*" or Ncov or "n-cov" or "SARS-CoV-2" or "SARSCoV-2" or "SARSCoV2" or "SARS-CoV2" or SARSCov19 or "SARS-Cov19" or "SARSCov-19" or "SARS-Cov-19" or Ncovor or Ncorona* or Ncorono* or NcovWuhan* or NcovHubei* or NcovChina* or NcovChinese*).ti,ab,kw.	24633
4	((((respiratory* adj2 (symptom* or disease* or illness* or condition*)) or "seafood market*" or "food market*") adj10 (Wuhan* or Hubei* or China* or Chinese* or Huanan*)).ti,ab,kw.	578
5		83

	((outbreak* or wildlife* or pandemic* or epidemic*) adj1 (China* or Chinese* or Huanan*)).ti,ab,kw.	
6	"severe acute respiratory syndrome*".ti,ab,kw.	5554
7	or/1-6	31582
8	Kidney Diseases/	25504
9	exp Renal Replacement Therapy/	185177
10	Renal Insufficiency/	53384
11	exp Renal Insufficiency, Chronic/	93179
12	exp Acute Kidney Injury/	81206
13	aki.tw	55380
14	((kidney or renal) adj injur\$).tw.	58702
15	(end stage kidney or end stage renal or endstage kidney or endstage renal).tw.	295787
16	(kidney disease* or renal disease* or kidney failure or renal failure).tw.	29078
17	(ESKD or ESKF or ESRD or ESRF).tw.	73689
18	(CKF or CKD or CRF or CRD).tw.	15508
19	(CAPD or CCPD or APD).tw.	1788

20	(pre-renal or prerenal).tw.	2105
21	anti-gbm.tw.	745
22	Hemorrhagic Fever with Renal Syndrome/	14584
23	(tubul* adj (injury or necrosis or damage)).tw.	9676
24	h?emolytic ur?emi\$.tw.	5840
25	*Hemolytic-Uremic Syndrome/	17178
26	(oliguri\$ or anuri\$).mp.	621
27	Kidney Cortex Necrosis/	1156492
28	(kidney\$ or nephropath\$ or renal or uropathy).tw.	2213
29	(anti-glomerular or antiglomerular).mp.	26386
30	(microalbuminuri* or macroalbuminuri* or albuminuria*).tw.	86555
31	Renal Dialysis/	2458
32	Hemodialysis, Home/	146168
33	dialysis.tw.	11561
34	(uremia or uraemia).tw.	110623

35	(hemodialysis or haemodialysis or hemofiltration or haemofiltration or hemodiafiltration or haemodiafiltration).tw.	150
36	(acetate free adj2 biofiltration).tw.	7208
37	(predialysis or pre dialysis).tw.	61891
38	(glomerular filtration rate or glomerular sclerosis).tw.	185177
39	or/1-30	1386787
40	7 and 39	1169
41	limit 40 to yr="2019 -Current"	232

S1.3 - Clinicaltrials.gov

Terms	Search Results*	Entire Database**
Synonyms		
COVID-19	3 studies	997 studies
2019 novel coronavirus	--	20 studies
2019-nCoV	--	34 studies
SARS-CoV-2	--	352 studies
severe acute respiratory syndrome coronavirus 2	--	25 studies
Wuhan coronavirus	--	1 studies
Acute Kidney Injury	3 studies	903 studies
Acute injury of kidney	--	1 studies
Acute Kidney Failures	--	43 studies
Acute Renal Failures	--	158 studies
Acute Renal Injuries	--	21 studies
acute renal insufficiency	--	9 studies
Kidney Diseases	3 studies	8,489 studies
Disease of kidney	--	1 studies
kidney disorder	--	3 studies
Nephropathy	--	867 studies
Renal disease	--	1,217 studies
Renal disorder	--	4 studies
Renal Insufficiency	3 studies	4,861 studies
Impaired renal function	--	107 studies
impairment renal	--	1 studies
Insufficiency renal	--	1 studies

Kidney Failure	--	1,750 studies
Kidney Impairment	--	7 studies
Kidney Insufficiency	--	28 studies
Renal dysfunction	--	110 studies
Renal Failure	--	857 studies
Renal impairment	--	425 studies
Urologic Diseases	3 studies	11,576 studies
diseases of the urinary system	--	1 studies
Urinary Tract Disease	--	9 studies
urinary tract disorder	--	1 studies
Urological Disease	--	11 studies
Urological disorder	--	2 studies
Uropathy	--	8 studies
Nephritis	1 studies	500 studies
Inflammation of kidney	--	1 studies
Renal Insufficiency, Chronic	2 studies	3,044 studies
Chronic Kidney Insufficiencies	--	15 studies
Chronic renal impairment	--	5 studies
Chronic Renal Insufficiencies	--	105 studies

S1.4 – WHO database

1	Kidney OR Renal (abstract)	155
2	AKI OR ESKD OR ESKF OR ESRD OR ESRF OR CKF OR CKD OR CRF OR CRD OR CAPD (abstract / Match case)	12
3	CCPD OR APD (abstract / Match case)	0
4	microalbuminuri* OR macroalbuminuri* OR albuminuria* (All fields)	2
5	Dialysis OR haemodialysis OR hemofiltration OR haemofiltration OR hemodiafiltration OR haemodiafiltration	52

Appendix S1.5

Databases [Platform] Searches run April 28th 2020	Results
China National Knowledge Infrastructure	43
Wanfang database	21
Chinese Biomedical Literature database	49
Chinese Medical Journal Network (manually search)	6
Chinese Clinical Trial Register (manually search)	9
TOTAL	128
Duplicated	19

S1.6 - China National Knowledge Infrastructure < April 28th 2020>

#1 SU = COVID-19 OR SU=COVID19 OR SU=COVID-19 OR SU=COVID-2019 OR SU=SARS-CoV-19 OR SU=SARS-CoV-2019 OR SU=SARS-CoV-2 OR SU=SARS2 OR SU=2019-nCoV OR SU=严重急性呼吸综合征冠状病毒2型 OR SU=冠状病毒感染 OR SU=武汉冠状病毒 OR SU=武汉海鲜市场肺炎病毒 OR SU=冠状病毒2019 OR SU=2019新型冠状病毒 OR SU=2019新型冠状病毒感染 OR SU=2019冠状病毒 OR SU=新型冠状病毒-19 OR SU=冠状病毒 limited time to 2019.12.01 to 2020.04.28 (13741)

#2 SU = 慢性肾脏病 OR SU=慢性肾功能衰竭 OR SU=慢性肾功能不全 OR SU=慢性肾衰竭 OR SU=慢性肾衰 OR SU=慢性肾小球 OR SU=慢性肾炎 OR SU=进行性肾病 OR SU=进行性肾小球 OR SU=性肾病 OR SU=糖尿病肾病 OR SU=糖尿病肾小球 OR SU=透析 OR SU=血液透析 OR SU=尿毒症 OR SU=尿嘧啶 OR SU=蛋白尿 OR SU=肾硬化 OR SU=肾小球硬化症 OR SU=肾小球滤过率 OR SU=血尿 OR SU=钙化异常 OR SU=继发性甲状旁腺功能亢进 OR SU=肾小管间质纤维化 OR SU=间质纤维化 OR SU=肾纤维化 OR SU=高磷血症 OR SU=血管钙化 OR SU=肾小球病 OR SU=多囊肾 OR SU=囊性肾 OR SU=肾病 OR SU=肾衰竭 OR SU=肾功能 OR SU=肾功能不全 OR SU=肾替代 OR SU=甲状旁腺功能亢进 OR SU=肾脏移植 OR SU=肾移植 OR SU=输尿管阻塞 OR SU=肾炎 OR SU=肾小球肾炎 limited time to 2019.12.01 to 2020.04.28 (4038)

#3 #1 AND #2 (43)

S1.7 - Wanfang database < April 28th 2020>

#1 主题:COVID-19 OR 主题:COVID19 OR 主题:COVID-19 OR 主题:COVID-2019 OR 主题:SARS-CoV-19 OR 主题:SARS-CoV-2019 OR 主题:SARS-CoV-2 OR 主题:SARS2 OR 主题:2019-nCoV OR 主题:严重急性呼吸综合征冠状病毒2型 OR 主题:冠状病毒感染 OR 主题:武汉冠状病毒 OR 主题:武汉海鲜市场肺炎病毒 OR 主题:冠状病毒2019 OR 主题:2019新型冠状病毒 OR 主题:2019新型冠状病毒感染 OR 主题:2019冠状病毒 OR 主题:新型冠状病毒-19 OR 主题:冠状病毒 limited time to 2019 to 2020.04.28 (3039)

#2 主题:慢性肾脏病 OR 主题:慢性肾功能衰竭 OR 主题:慢性肾功能不全 OR 主题:慢性肾衰竭 OR 主题:慢性肾衰 OR 主题:慢性肾小球 OR 主题:慢性肾炎 OR 主题:进行性肾病 OR 主题:进行性肾小球 OR 主题:性肾病 OR 主题:糖尿病肾病 OR 主题:糖尿病肾小球 OR 主题:透析 OR 主题:血液透析

OR 主题:尿毒症 OR 主题:尿嘧啶 OR 主题:蛋白尿 OR 主题:肾硬化 OR 主题:肾小球硬化症 OR 主题:肾小球滤过率 OR 主题:血尿 OR 主题:钙化异常 OR 主题:继发性甲状旁腺功能亢进 OR 主题:肾小管间质纤维化 OR 主题:间质纤维化 OR 主题:肾纤维化 OR 主题:高磷血症 OR 主题:血管钙化 OR 主题:肾小球病 OR 主题:多囊肾 OR 主题:囊性肾 OR 主题:肾病 OR 主题:肾衰竭 OR 主题:肾功能 OR 主题:肾功能不全 OR 主题:肾替代 OR 主题:甲状旁腺功能亢进 OR 主题:肾脏移植 OR 主题:肾移植 OR 主题:输尿管阻塞 OR 主题:肾炎 OR 主题:肾小球肾炎 limited time to 2019 to 2020.04.28 (30814)

#3 #1 AND #2 (21)

S1.8 - Chinese Biomedical Literature database< April 28th 2020>

#1 : (("COVID-19"[常用字段:智能] OR " COVID19"[常用字段:智能] OR " COVID-19"[常用字段:智能]] OR " COVID-2019"[常用字段:智能] OR " SARS-CoV-19"[常用字段:智能] OR " SARS-CoV-2019"[常用字段:智能] OR " SARS-CoV-2"[常用字段:智能] OR " SARS2"[常用字段:智能] OR " 2019-nCoV"[常用字段:智能] OR " 严重急性呼吸综合征冠状病毒2型"[常用字段:智能] OR " 冠状病毒感染"[常用字段:智能] OR " 武汉冠状病毒"[常用字段:智能] OR " 武汉海鲜市场肺炎病毒"[常用字段:智能] OR " 冠状病毒2019"[常用字段:智能] OR " 2019新型冠状病毒"[常用字段:智能] OR " 2019新型冠状病毒感染"[常用字段:智能] OR " 2019冠状病毒"[常用字段:智能] OR " 新型冠状病毒-19"[常用字段:智能] OR " 冠状病毒"[常用字段:智能])) AND 2019-2020[日期] (9344)

#2 : (("慢性肾脏病"[常用字段:智能] OR " 慢性肾功能衰竭"[常用字段:智能] OR " 慢性肾功能不全"[常用字段:智能] OR " 慢性肾衰竭"[常用字段:智能] OR " 慢性肾衰"[常用字段:智能] OR " 慢性肾小球"[常用字段:智能] OR " 慢性肾炎"[常用字段:智能] OR " 进行性肾病"[常用字段:智能] OR " 进行性肾小球"[常用字段:智能] OR " 性肾病"[常用字段:智能] OR " 糖尿病肾病"[常用字段:智能] OR " 糖尿病肾小球"[常用字段:智能] OR " 透析"[常用字段:智能] OR " 血液透析"[常用字段:智能] OR " 尿毒症"[常用字段:智能] OR " 尿嘧啶"[常用字段:智能] OR " 蛋白尿"[常用字段:智能] OR " 肾硬化"[常用字段:智能] OR " 肾小球硬化症"[常用字段:智能] OR " 肾小球滤过率"[常用字段:智能] OR " 血尿"[常用字段:智能] OR " 钙化异常"[常用字段:智能] OR " 继发性甲状旁腺功能亢进"[常用字段:智能] OR " 肾小管间质纤维化"[常用字段:智能] OR " 间质纤维化"[常用字段:智能] OR " 肾纤维化"[常用字段:智能] OR " 高磷血症"[常用字段:智能] OR " 血管钙化"[常用字段:智能] OR " 肾小球病"[常用字段:智能] OR " 多囊肾"[常用字段:智能] OR " 囊性肾"[常用字段:智能] OR " 肾病"[常用字段:智能] OR " 肾衰竭"[常用字段:智能] OR " 肾功能"[常用字段:智能] OR " 肾功能不全 "[常用字段:智能] OR " 肾替代"[常用字段:智能] OR " 甲状旁腺功能亢进"[常用字段:智能] OR " 肾脏移植"[常用字段:智能] OR " 肾移植"[常用字段:智能] OR " 输尿管阻塞"[常用字段:智能] OR " 肾炎"[常用字段:智能] OR " 肾小球肾炎"[常用字段:智能])) AND 2019-2020[日期] (26733)

#3 #1 AND #2 (49)

Supplementary Material S2 – Updated searches

Table S2 – Records retrieved through database searches

Source	Date / Time (GMT) of database search	Hits (Records retrieved)	Search details
MEDLINE (Ovid)	04 August 2020 at 14:20 (GMT)	181	Search strategy attached in S2.1
EMBASE (Ovid)	Searched 04 August 2020 at 14:15	221	Search strategy attached in S2.4
bioRxiv and medRxiv	Searched 04 August 2020 at 14:27	15	Search strategy attached in S2.3
WHO database	Searched 04 August 2020 at 14:52	148	Search strategy attached in S2.2
TOTAL		565	

S2.1 - MEDLINE ALL (Ovid) -Searched 04 August 2020 at 14:20 (GMT)

#	Searches	Results
1	exp coronavirus/	24093
2	((corona* or corono*) adj1 (virus* or viral* or virinae*)).ti,ab,kw.	1416
3	(coronavirus* or coronovirus* or coronavirinae* or Coronavirus* or Coronovirus* or Wuhan* or Hubei* or Huanan or "2019-nCoV" or 2019nCoV or nCoV2019 or "nCoV-2019" or "COVID-19" or COVID19 or "CORVID-19" or CORVID19 or "WN-CoV" or WNCov or "HCoV-19" or HCoV19 or CoV or "2019 novel*" or Ncov or "n-cov" or "SARS-CoV-2" or "SARSCoV-2" or "SARSCoV2" or "SARS-CoV2" or SARSCov19 or "SARS-Cov19" or "SARSCov-19" or "SARS-Cov-19" or Ncover or Ncorona* or Ncorono* or NcovWuhan* or NcovHubei* or NcovChina* or NcovChinese*).ti,ab,kw.	54755
4	((((respiratory* adj2 (symptom* or disease* or illness* or condition*)) or "seafood market*" or "food market*") adj10 (Wuhan* or Hubei* or China* or Chinese* or Huanan*)).ti,ab,kw.	560
5	((outbreak* or wildlife* or pandemic* or epidemic*) adj1 (China* or Chinese* or Huanan*)).ti,ab,kw.	227
6	"severe acute respiratory syndrome*".ti,ab,kw.	8902
7	or/1-6	61766
8	Kidney Transplantation/	95332
9	(kidney and (transplant\$ or graft\$)).tw.	66028
10	(renal and (transplant\$ or graft\$)).tw.	84679
11	or/8-9	118574
12	7 and 11	181

S2.2 - World Health Organisation COVID19 database

tw:((tw:("kidney transplant*")) OR (tw:("renal transplant*")) OR (tw:("kidney graft*")) OR (tw:("renal graft*")))

Hits – 148

S2.3 -bioRxiv and medRxiv

Kidney transplant* OR renal transplant*

Limit by date 31/12/19 to 04/08/20

Hits – 15

S2.4 - EMBASE (Ovid) -Searched 04 August 2020 at 14:15 (GMT)

#	Searches	Results
1	exp coronavirus/	17094
2	((corona* or corono*) adj1 (virus* or viral* or virinae*)).ti,ab,kw.	1185
3	(coronavirus* or coronovirus* or coronavirinae* or Coronavirus* or Coronovirus* or Wuhan* or Hubei* or Huanan or "2019-nCoV" or 2019nCoV or nCoV2019 or "nCoV-2019" or "COVID-19" or COVID19 or "CORVID-19" or CORVID19 or "WN-CoV" or WNCov or "HCoV-19" or HCoV19 or CoV or "2019 novel*" or Ncov or "n-cov" or "SARS-CoV-2" or "SARSCoV-2" or "SARSCoV2" or "SARS-CoV2" or SARSCov19 or "SARS-Cov19" or "SARSCov-19" or "SARS-Cov-19" or Ncover or Ncorona* or Ncorono* or NcovWuhan* or NcovHubei* or NcovChina* or NcovChinese*).ti,ab,kw.	57127
4	((respiratory* adj2 (symptom* or disease* or illness* or condition*)) or "seafood market*" or "food market*") adj10 (Wuhan* or Hubei* or China* or Chinese* or Huanan*).ti,ab,kw.	680
5	((outbreak* or wildlife* or pandemic* or epidemic*) adj1 (China* or Chinese* or Huanan*).ti,ab,kw.	109
6	"severe acute respiratory syndrome*".ti,ab,kw.	9048
7	or/1-6	64366
8	Kidney Transplantation/	117042
9	(kidney and (transplant\$ or graft\$)).tw.	109925
10	(renal and (transplant\$ or graft\$)).tw.	132576
11	or/8-9	169509
12	7 and 11	221

Supplementary Material S3 – Example data request



May 20, 2020

Re: Request for data from “COVID-19 in solid organ transplant recipients: Initial report from the US epicenter”

Dear Dr Pereira,

We are working on a rapid systematic review “**Novel coronavirus (2019-nCoV) pneumonia in patients with Chronic Kidney Disease**” by Fogarty et al., and we are delighted that your paper has met the eligibility criteria to be included in our paper.

You reported there were 46 kidney transplant recipients, 3 heart-kidney transplant recipients, 1 liver-kidney recipient, 1 pancreas-kidney recipient, 57 patients with CKD and 5 patients on dialysis at baseline. As your analysis of outcomes only included those who were hospitalised, please could you clarify how many of these belonged to those specific groups? We would be grateful if you could share your baseline demographics, laboratory values, treatment and outcomes data specifically for these groups. We are happy to receive this either in the form of disaggregated anonymised data or in a summarised format as presented in your paper. Please let us know if you will be able to provide this by **Thursday 4 June 2020**.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ciara Keenan'.

Dr Ciara Keenan

On behalf of the review team

Dr Damian Fogarty (corresponding author)

Prof Kehu Yang

Dr Laurie Tomlinson

Dr Long Ge

Ms Liangying Hou

Dr Viyaasan Mahalingasivam

Dr Alison Craik

Ms Qi Wang



**QUEEN'S
UNIVERSITY
BELFAST**



THE QUEEN'S
ANNIVERSARY PRIZES
FOR HIGHER AND FURTHER EDUCATION
2015

Supplementary Table S4 – List of reports of ≥5 kidney transplant recipients by country and centre

Study	Timeframe (2020)	Centres	Cases
International			
<i>Kates et al</i>	7 March to 15 April	>50 transplant centres, >98% USA	318
<i>Cravedi et al*</i>	2 March to 15 May	AOU Ospedali Riuniti, Ancona, Italy University of Padova, Padova, Italy Azienda Ospedaliera-Universitaria Parma, Parma, Italy University Hospital of Verona, Verona, Italy Hospital del Mar, Barcelona, Spain Complejo Hospitalario de Navarra, Pamplona, Spain Beth Israel Deaconess Hospital, Boston, USA Brigham & Women’s Hospital, Boston, USA Massachusetts General Hospital, Boston, USA University of Colorado School of Medicine, Aurora, USA Montefiore Medical Center, New York City, USA Mount Sinai Hospital, New York City, USA Stanford University Medical Center, Stanford, USA	144
Belgium			
<i>Devresse et al</i>	14 March to 15 April	Cliniques Universitaires Saint-Luc, Brussels	22
China			
<i>Zhang et al</i>	1 January to 28 February; follow-up until 4 March	Tongji Medical College, Wuhan	5
<i>Zhu et al</i>	Follow-up to 16 March	Five hospitals including Tongji Medical College, Wuhan	10
France			

Benotmane <i>et al</i>	4 March to 7 April; followed-up to 13 May	Strasbourg University Hospital, Strasbourg	40
Iran			
Abrishami <i>et al</i>	25 February to 12 April	Shahid Beheshti University of Medical Sciences, Tehran	12
Ghaffari Rahbar <i>et al</i>	20 February to 15 April	Shahid Beheshti University of Medical Sciences, Tehran	19
Monfared <i>et al</i>	20 February to 19 April	Razi Hospital, Rasht	22
Abolghasemi <i>et al</i>	20 March to 20 May	Shahid Beheshti University of Medical Sciences, Tehran	24
Italy			
Vistoli <i>et al</i>	Up to 17 March	National survey	60
Alberici <i>et al</i>	Up to 24 March	Spedali Civili Hospital, Brescia	20
Manganaro <i>et al</i>	Up to 27 March	Regional registry, Piedmont and Aosta Valley	26
Bossini <i>et al</i>	1 March to 16 April	Spedali Civili Hospital, Brescia Crema Hospital, Crema Cremona Hospital, Cremona	53
Mella <i>et al</i>	4 March to 17 April	Città della Salute e della Scienza Hospital, Turin	6
Maritati <i>et al</i>	17 March to 6 May	AOU Ospedali Riuniti, Ancona	5
Netherlands			
Hoek <i>et al</i>	27 February to 30 April	Erasmus University Medical Center, Rotterdam	23
Portugal			
Silva <i>et al</i>	Up to end of March	Centro Hospitalar e Universitário do Porto, Porto	5
Spain			

Fernández-Ruiz <i>et al</i>	5 March to 23 March; follow-up until 4 April	Hospital Universitario 12 de Octubre, Madrid	8
Sánchez-Álvarez <i>et al</i>	18 March to 11 April	Spanish Society of Nephrology national registry	289
Pascual <i>et al</i>	17 March to 18 April	Spanish Society of Nephrology national registry	24
Crespo <i>et al</i>	March 12 to 4 April; follow-up to 2 May	Hospital del Mar, Barcelona	16
Pérez-Sáez <i>et al</i>	Up to 9 May (follow-up to 15 May)	Spanish Society of Nephrology national registry	80
Rodríguez-Cubillo <i>et al</i>	15 March to 24 April; follow-up to 19 May	Hospital Clinico San Carlos, Madrid	29
Switzerland			
Tschopp <i>et al</i>	9 March to 6 April	Swiss Transplant Cohort Study national registry	21
Turkey			
Demir <i>et al</i>	1 February to 4 May	Florence Nightingale Hospital, Istanbul Gaziosmanpasa Hospital, Istanbul Istanbul University, Istanbul Kartal Dr. Lutfi Kirdar Training and Research Hospital, Istanbul Koc University, Istanbul	40
UK			
Banerjee <i>et al</i>	Up to end of March	Epsom and St Helier University Hospitals NHS Trust, Carshalton King's College Hospital NHS Foundation Trust, London St George's University Hospitals NHS Foundation Trust, London	7
Mohamed <i>et al</i>	Up to end of April	Barts Health NHS Trust, London	28
Ravanan <i>et al</i>	1 February to 20 May	NHS Blood and Transplant national registry, England	489
Bell <i>et al</i> (pre-print)	Up to 31 May	Scottish Renal Registry, Scotland	24
USA			
Boyersky <i>et al</i>	Up to 24 March to 31 March	National survey	103

Mohan <i>et al</i>	Up to 27 March	Columbia University Irving Medical Center, New York City	15
Nair <i>et al</i>	1 March to 27 March	Northwell Health healthcare network (12 acute hospitals), across New York state	10
Akalin <i>et al</i>	16 March to 1 April	Montefiore Medical Center, New York City, USA	36
Pereira <i>et al</i>	13 March to 3 April	Columbia University Irving Medical Center, New York City Weill Cornell Medicine, New York City	51
Husain <i>et al</i>	13 March to 6 April	Columbia University Irving Medical Center, New York City	41
Chen <i>et al</i>	18 March to 10 April	State University of New York Health Sciences University Hospital, New York City	30
Mehta <i>et al</i>	15 March to 12 April	New York University Langone Health, New York City	34
Chaudhry <i>et al</i>	20 March to 18 April	Henry Ford Health System (5 hospitals), across Michigan state	38
Lubetzky <i>et al</i>	13 March to 20 April	Weill Cornell Medicine, New York City	54
Yi <i>et al</i>	1 January to 22 April	Houston Methodist Hospital, Houston	21
Fung <i>et al</i>	9 March to 28 April	University of California San Francisco, San Francisco	7
Santos <i>et al</i> (pre-print)	Up to 4 June; follow-up to 4 July	Rush University Medical Center, Chicago	14

*Excluded patients included in prior publications