

I. Full list of recruiting sites included in the CCCC

Site Name	Ethics Committee Name	Ethics Approval Number
Adult ICU Saiful Anwar Hospital	Health Research Ethics RSUD Dr. Saiful Anwar Malang	400/131/K.3/302/2020
Al-Adan Hospital	Kuwait Ministry of Health Ethics Committee	1403/2020
Allegheny General Hospital	Allegheny-Singer Research Institute (ASRI)-WPAHS Institutional Review Board	2020-113
Avera McKennan Hospital & University Health Center	Avera Institutional Review Board	IRB00001096
Barmherzige Bruder Regensburg	Ethics Committee at the University of Regensburg	N/A
Baylor All Saints Medical Centre	Baylor Scott & White Research IRB	345512
Baylor Scott	Baylor Scott & White Research IRB	345512
Baylor University Medical Centre	Baylor Scott & White Research IRB	345512
Beth Israel Deaconess Medical Center	Beth Israel Deaconess Medical Center Committee on Clinical Investigations	2020P000355
Box Hill Hospital	The Alfred Ethics Committee	Alfred 108/20
Carilion Clinic	Carilion Clinic Institutional Review Board	IRB-20-863
Chiba University Hospital	Research Ethics Committees of Graduate School of Medicine, Chiba University	3704
Chonnam National University Hospital	Chonnam National University Hospital Institutional Review Board	CNUH-2020-070
Civil Hospital Marie Curie, Brussels	Ethics Committee CHU-Charleroi	P20/27_24/03 (B3252020)
Clinica Pasteur de Neuquen (University of Comahue)	Teaching and Research Committee of the Clinical Pasteur	N/A
Cleveland Clinic - Florida	Cleveland Clinic Institutional Review Board	IRB#20-507
Cleveland Clinic Abu Dhabi	Cleveland Clinic Abu Dhabi Research Ethics Committee	A-2020-086
Cleveland Clinic - Ohio	Cleveland Clinic Institutional Review Board	IRB#20-507
Clinica Alemana De Santiago	Scientific Ethics Committee, University of Development	2020-25

	Center for Bioethics, Faculty of Medicine, Clinica Alemana de Santiago	
Clinica Las Condes, Chile	Ethics Committee of Clinica Las Condes	2020P000355
Clinica Valle del Lili	Biomedical Research Ethics Committee of Fundacion Valle del Lilli	121-2020
Dr Sardjito Government Hospital - Paediatric	Medical and Health Research Ethics Committee (MHREC), Dr Sardjito General Hospital	KE/FK/0787/EC/2020
Fatmawati Hospital	Human Resources and Education Jakarta	DM 01.01/VIII.2/266/2020
Fondazione IRCCS Policlinico of Milan (Fondazione IRCCS Ca' Granda Ospedale Maggiore Policlinico)	Milan Area 2 Ethics Committee	7785390
Fondazione Policlinico Universitario Agostino Gemelli IRCCS, Rome, Italy	Fondazione Policlinico Gemelli Ethics Committee	3029
Foothills Hospital	Conjoint Health Research Ethics Board, University of Calgary	REB20-0455
Fujieda Municipal General Hospital	Ethics Committee of Fujieda Municipal General Hospital	No. 3
Fukuoka University	Not Provided	H20-05-001
Fundación Cardiovascular de Colombia	Scientific Technical Committee of the Cardiovascular Foundation of Colombia	No.164 of 2020
Galway University Hospital	National Research Ethics Committee for COVID-19-related Health Research (NREC COVID-19), Ireland	20-NREC-COV-017
Geelong Hospital, Barwon Health	The Alfred Ethics Committee	Alfred 108/20
Gold Coast Hospital	The Alfred Ethics Committee	Alfred 108/20
Groote Schuur Hospital	Faculty of Health Sciences, Human Research Ethics Committee, University of Cape Town	205/2020
Hamad General Hospital	Medical Research Center, Hamad Medical Corporation, Doha, Qatar	MRC-05-006

Harapan Kita National Heart Centre Hospital	Health Research Ethics of National Cardiac Center Harapan Kita Hospital	LB.02.01/VII/419/KEP. 026/2020
Hartford HealthCare	Hartford HealthCare Human Research Protection Program Institutional Review Board	HHC-2020-0068
Hiroshima University	Hiroshima University Epidemiological Research Ethics Board.	E1963 and 2.4.4
Hospital Alemán	Independent Ethics Committee of Hospital Alemán CEIHA	N/A
Hospital Clinic, Barcelona	Clinical Research Ethics Committee Hospital Clinic Barcelona	HCB/2020/0370
Hospital de Clinicas, Argentina	Ethics Committee of the Hospital de Clinicas	N/A
Hospital du Sacre Coeur	Ethics Committee for Research and Development of new technologies of the ICM, Montreal Heart Institute	Project Number: MP-33-2020-2776
Hospital Emergencia Ate Vitarte	Ministry of Health Peru - Hospital Emergencia Ate Vitarte	009-2020-ADI-HEAV
Hospital Nuestra Señora de Gracia Zaragoza	Clinical Research Ethics Committee Hospital Clinic Barcelona	HCB/2020/0370
Hospital Universitari Sagrat Cor	Clinical Research Ethics Committee Hospital Group Quironsalud-Catalunya	2020/65-UCI-HUSC
Hospital Universitario Sant Joan d'Alacant	Clinical Research Ethics Committee Hospital Clinic Barcelona	HCB/2020/0370
Hospital Vall D Hebron	Research Ethics Committee with Medicines and Research Projects Committee of Hospital University Vall D'Hebron	417
Hospitales Puerta de Hierro, Mexico	Research Ethics Committee of Hospital Puera de Hierro	3/30/2020
Hospital Mount Sinai Medical Center	Institutional Review Board of Mount Sinai Medical Center	FWA000000176
Hospital Verge de la Cintade Tortosa	Ethical Medical Research Committee of the Pere	123/2020

	Virgili Institute of Health Research	
Houston Methodist Hospital	Houston Methodist Research Institute Institutional Review Board	PRO00026837
Hyogo Prefectural Kakogawa Medical Center	Ethics Committee of Hyogo Prefectural Kakogawa Medical Center	R2-7
INCOR (Universidade de São Paulo)	National Commission on Research Ethics, Brazil	70.719-040
INOVA Fairfax Medical Center, USA	Inova Health System Institutional Review Board	U20-03-3980
Instituto Nacional Del Tórax	Eastern Metropolitan Health Service Scientific Ethics Committee.	N/A
ISMETT	IRCCS ISMETT sectional Ethics Committee	IRRB/09/20
Johns Hopkins University	John Hopkins Medicine Institutional Review Board	IRB00247449
Keimyung University Dong San Hospital	Keimyung University Dong San Medical Center	DSMC202004015-HE004
Kimitsu Chuo Hospital	Not Provided	526
King Faisal Specialist Hospital and Research Center	Research Ethics Committee King Faisal Specialist Hospital and Research Centre	C380/800/41
Klinik für Innere Medizin II	Ethics Committee University of Regensburg	20-1747-101
Klinikum Passau	Ethics Committee at the University of Regensburg	N/A
Kouritu Tousei Hospital	Ethics Committee of Kouritu Tousei Hospital	885
Kuwait ECLS program, Al-Amiri & Jaber Al-Ahmed Hospitals	Kuwait Ministry of Health Ethics Committee	1405/2020
Kyoto Medical Centre	Ethics Committee of Kyoto Medical Centre	20-001
Kyoto Prefectural University of Medicine	Ethics Committee of Kyoto Prefectural University of Medicine	ERB-C-1716
Kyung Pook National University Chilgok Hospital	Kyung Pook National University Chilgok Hospital Institutional Review Board	KNUCH 2020-04-060
Lancaster General Health	Lancaster General Hospital Institutional Review Board	2020-24

Lankenau Institute of Medical Research	Main Line Hospitals Institutional Review Board (MLH IRB)	E-20-5039
Launceston Hospital	Tasmania Health and Medical Human Research Ethics Committee	21666
Legacy Emanuel Medical Center	Legacy Health Institutional Review Board	1820
London Health Sciences Centre	Western University Health Science Research Ethics Board	Project ID: 115907
Maastricht University Medical Centre	Medical Ethics Review Committee, Maastricht University	METC2020-1566
Manipal Hospital Whitefield	Ethics Committee of Manipal Hospitals, Bangalore	N/A
Mar del Plata Medical Foundation Private Community Hospital	Institutional Council of the Review of Research Studies (CIREI), Private Hospital of Community or Mar del Plata	2919/2143/2020
Mater Misericordiae University Hospital, Ireland	Mater Misericordiae University Hospital	1/378/2137
Mayo Clinic College of Medicine - Arizona	Mayo Clinic Institutional Review Board	20-004851
McGill University Health Centre	McGill University Health Centre Research Ethics Board	Project Number: 2020-6571
Medical College of Wisconsin, USA	Medical College of Wisconsin Froedtert Hospital Institutional Review Board	PRO00037778
Medical University of Vienna	Ethics Committee at Medical University of Vienna	EC Nr: 1276/2020
Medizinische Klinik und Poliklinik II, Munich	Ethics Committee at the University of Regensburg	N/A
MedStar Washington Hospital Centre	Medstar Health Research Institute Institutional Review Board	STUDY00002284
Nagoya University Hospital	Not Provided	2020-0073-2
National Taiwan University Hospital	Research Ethics Committee National Taiwan University Hospital	202002009RINA
North Estonia Medical Centre, Tallin	Ethics Committee for Human Research of the	Application Number 2121

	Institute for Health Development (TAEIK)	
Northwell Health	Feinstein Institutes for Medical Research Northwell Health Institutional Review Board.	25-0591
Obihiro-Kosei General Hospital	Ethics Committee of Obihiro-Kosei General Hospital	2020-069
Ochsner Clinic Foundation	Ochsner Clinic Foundation Institutional Review Board	FWA00002050
Ohio State University	The Ohio State Biomedical Sciences Institutional Review Board	2020H0139
Oklahoma Heart Institute	Hillcrest medical Center Institutional Review Board	N/A
Oregon Health and Science University Hospital	Oregon Health and Science University Institutional Review Board	STUDY00021357
Ospedale Molinette Torino	Inter-Company Ethics Committee A.O.U City of Health and Science of Turin- A.O Maurizian Order of Turin- A.S.L City of Turin	00103/2020
Ospedale San Gerardo	Brianza Ethics Committee	N/A
Ospedale San Paolo	Milan Area 1 Ethics Committee	P/08/05/2020
Pamela Youde Nethersole Eastern Hospital	Hong Kong East Cluster Research Ethics Committee (HKEC REC)	HKECREC-2020-0.16
Penn Medicine	University of Pennsylvania Institutional Review Board	842836
Persahabatan Hospital	Ethic Committee of Health Research of Persahabatan Hospital	61/KEPK-RSUPP/6/2020
PICU Saiful Anwar Hospital	Health Research Ethics RSUD Dr. Saiful Anwar Malang	400/131/K.3/302/2020
Piedmont Atlanta Hospital, USA	Piedmont Healthcare Institutional Review Board	1591828-1
Policlinico di S. Orsola, Università di Bologna, Italy	Ethics Committee of the Vasta Emilia-Romagna Region	1321/2020
Policlinico of Padova, Padova	Ethics Committee for Clinical trials of the Province of Padua	4851/A0/20

Presbyterian Hospital Services	Presbyterian Healthcare Services Institutional Review Board	1602073-1
Princess Margaret Hospital, Hong Kong	Kowloon West Cluster Research Ethics Committee (KWC-REC)	KW/EX-20-051(154-10)
Prof Dr R. D. Kandou Central Hospital - Adult	Health Research Ethics Commission (KEPK) RSUP Prof Dr. RD Kandou	PP 04.03/XIX 2/126 12020
Providence Saint John's Health Centre	Providence St Johns Health Institutional Review Board	STUDY2020000272
Queen Elizabeth Hospital, Hong Kong	Research Ethics Committee (Kowloon Central/Kowloon East)	KC/KE-20-0064/ER-3
Queen Mary Hospital the University of Hong Kong	University of Hong Kong/Hospital Authority Hong Kong West Cluster (HKU/HA HKW IRB)	UW 20-143
Rinku General Medical Center	Ethics Committee of Rinku General Medical Center	2020-006
Rio Hortega University Hospital	Ethics Committee for the Clinical Research of the West-Valladolid Sanitary Area	PI077/20
Rochester General Hospital	Rochester Regional Health Institutional Review Board	IRB 2018 B Hall
Royal Children's Hospital	The Alfred Ethics Committee	Alfred 108/20
Royal North Shore Hospital	The Alfred Ethics Committee	Alfred 108/20
Royal Prince Alfred Hospital	The Alfred Ethics Committee	Alfred 108/20
RSPI Prof Dr Sulianti Saroso	Infectious Disease Hospital Prof. Dr Sulianti Saroso Committee of Health Research Ethics.	09/XXXVIII.10/XI/2020
RSUD Dr. Soetomo	Committee of Health Research Ethics RSUD Dr Soetomo Surabaya	0096/KEPK/XI/2020
Rush University	Rush University Medical Center Institutional Review Board	20040706-IRB01
Saiseikai Utsunomiya Hospital	Utsunomiya Hospital, Tochigi Prefecture	2019 71
Saiseikai Senri Hospital	Not provided	20408
San Martino Hospital	Reginal Ethics Committee of Liguria	163/2020

Sao Camilo Cura D'ars	Comitê de Ética, Hospital Distrital Gonzaga Mota Messejana	N/A
São João Hospital Centre, Portugal	Ethics Committee for Health of the University Hospital Center of São João/Faculty of Medicine of the University of Porto	ID Number: 11002511
Seoul National University Bundang Hospital	Seoul National University Bundang Hospital Institutional Review Board	B-2003/601-305
Severance Hospital, Seoul	Yonsei University Health System, Severance Hospital, Institutional Review Board	4-2020-0099
Sinai Health Systems	University Health Network Research Ethics Board	Project ID: 2129
Siriraj Hospital	Siriraj Institutional Review Board	230/2563(IRB3)
Sozialmedizinisches Zentrum Süd - Kaiser-Franz-Josef-Spital	Ethics Committee of the City of Vienna	EK 20-064-VK
St Christopher's Hospital for Children	Drexel University Institutional Review Board	2005007860
St George Hospital	The Alfred Ethics Committee	Alfred 108/20
St Vincent's Hospital Sydney	The Alfred Ethics Committee	Alfred 108/20
St. Boniface Hospital, Manitoba	University of Manitoba Health Research Board	HS23821
Tartu University Hospital, Tartu	Ethics Committee for Human Research of the Institute for Health Development (TAEIK)	Application Number 2121
Teine Keijinkai Hospital	The Institutional Review Board at Teine Keijinkai Hospital	2-019180-00
The Alfred Hospital	The Alfred Ethics Committee	Alfred 108/20
The Heart Hospital Baylor Plano	Baylor Scott & White Research IRB	345512
The University of Utah	Institutional Review Board the University of Utah	IRB_00131842
Tohoku Medical and Pharmaceutical University	Not Provided	2020-2-011
Tokyo Metropolitan Tama Medical Center	Ethics Committee of Tokyo Metropolitan Tama Medical Center	72
Tufts Medical Centre	Tufts Health Sciences Institutional Review Board	MOD-01-STUDY00000808

UH Cleveland Hospital	University Hospitals Institutional Review Board	STUDY20200428
Uniklinik (University Hospital Frankfurt)	Ethics Committee of the Faculty of Medicine at Goethe University	20-668
University Airlangga Hospital (Paediatric)	Airlangga University Hospital Research Committee.	178-A/KEP/2020
University Hospital in Krakow	Bioethical Commission, The University Jagiellonian	1072.6120.86.2020
University of California San Francisco - Fresno	Community Medical Centers Institutional Review Board	2020021
University of Chicago	The University of Chicago Biological Sciences Division Institutional Review Board	IRB20-0579
University of Cincinnati	University of Cincinnati Institutional Review Board	2020-0406
University of Iowa	University of Iowa Institutional Review Board	202004380
University of Nebraska Medical Center	University of Nebraska Medical Centre Institutional Review Board	233-20-EP
University of Alabama at Birmingham Hospital	University of Alabama Institutional Review Board	IRB-300005234
University of Florida	University of Florida Institutional Review Board	IRB202000933
University of Oklahoma Health Sciences Center	University of Oklahoma Institutional Review Board for the Protection of Human Subjects	11978
UT Southwestern	University of Texas Southwestern Medical Center Institutional Review Board	N/A
Washington University in St. Louis, USA	The Washington University in St. Louis Institutional Review Board	202004038
Yokohama City University Medical Center	Ethics Committee of Yokohama City University Medical Center	B200500022
Hospital Clinic De Barcelona	These sites received approvals to participate in the CIBERESUCICOVID study. CIBERESUCICOVID and COVID Critical executed a data sharing agreement to	Ethics approval number HCB/2020/0370
Hospital Universitario Sant Joan DALacant		
HULA		
Hospital Nuestra Senora De Gracia		

Hospital De Bellvitge	merge data into COVID Critical. Hospital Clinic Barcelona is considered the data controller for CIBERESUCICOVID so therefore ethics was approved by Clinical Research Ethics Committee, Hospital Clinic of Barcelona.	
Clinica Sagrada Familia		
Hospital Vall D'Hebron		
Hospital Clinico Universitario De Valladolid		
Hospital Universitario De Leon		
Hospital Arnau De Vilanova De Lleida		
Hospital San Pedro De Alcantara		
Hospital Sagrat Cor		
HUIL		
Hospital La Fe De Valencia		
Hospital Universitari Mutua Terrassa		
Hospital Del Mar		
Hospital Universitario Central De Asturias		
Hospital De Mataro		
Hospital Universitario De Valme		
CHUO		
Caupa		
Hospital La Paz		
Hospital Alvaro Cunqueiro		
Hospital Universitario De Salamanca		
Tortosa		
Hospital Clinic Universitari De Valencia		
Husll		
Hospital Santa Maria De Lleida		
Hospital Jerez De La Frontera		
Hospital Universitario San Agustin		
Parc Tauli		
Hospital Clinico Universitario De Santiago		
HUMV		
Hospital Germans Trias I Pujol		
Hospital De Torrejon		
H.U.Basurto		

Hospital Universitari Joan XXIII De Tarragona		
Hospital Universitario De Cruces		
Hospital De La Princesa		
Hospital Universitario Reina Sofia (Hurs)		
Hugc Dr Negrin		
Hospital Son Espases		
Hospital Universitario Hm Sanchinarro		
Hospital Universitario Virgen Del Rocio		
Hospital Virgen Macarena		
Hospital San Juan De Dios Bormujos Aljarafe		
Hospital General Universitario Gregorio Marano		
Hospital De Getafe		
Hospital Ramon Y Cajal		
Hospital Universitario Rio Hortega		
Hospital Universitario Principe De Asturias		
HPE		
Hospital 12 De Octubre		
Hospital De Mostoles		
Policlinico di Milano	On behalf of these sites, as data controller for the Italian sites, Policlinico of Milan executed a data sharing agreement with the COVID Critical study. Ethics was approved by the Milan Area 2 Ethics Committee.	Ethics approval number 7785390
Niguarda		
San Gerardo		
Mantova Poma		
Varese Sette Laghi		
Humanitas Research Hospital		
San Giovanni Molinette		
Sant'Orsola Bologna		
ASST Lecco - Ospedale di Merate		
ASST Lecco - Ospedale A. Manzoni		
ASST Nord Milano - Ospedale Edoardo Bassini - Cinisello Balsamo		
ASST-MONZA, Ospedale di Desio		

AULSS 5 Polesana - Ospedale di Rovigo e Ospedale di Trecenta		
AULSS 9 Scaligera - Ospedale Magalini di Villafranca		
Azienda Ospedaliera di Perugia		
Azienda Sanitaria Universitaria Friuli Centrale - Udine		
Azienda Ospedaliero - Universitaria di Modena		
Policlinico Universitario Fondazione Agostino Gemelli - Roma		
Azienda Ospedaliera Mater Domini - Catanzaro		
Azienda Ospedaliera Universitaria Federico II		
Azienda Ospedaliero- universitaria di Ferrara		
Azienda Ospedaliera Universitaria Foggia - Ospedali Riuniti		
AOU - Ospedali Riuniti di Ancona		
Policlinico Universitario Paolo Giaccone - Palermo		