

Supplementary table. Ongoing studies registered in the ClinicalTrials.gov platform using the search terms Covid-19, SARS-CoV-2 and endothelium.

NCT Number	Title	Status	Interventions	Study Type	URL
NCT04468412	Influence of COVID-19 on Vascular Endothelial Function	Recruiting	Diagnostic Test: Carotid Artery Reactivity Testing	Observational	https://ClinicalTrials.gov/show/NCT04468412
NCT04409847	COVID-19 Blood Pressure Endothelium Interaction Study (OBELIX)	Recruiting	Diagnostic Test: ABPM Diagnostic Test: ECG Diagnostic Test: FMD Diagnostic Test: PWV Diagnostic Test: Rarefaction	Observational	https://ClinicalTrials.gov/show/NCT04409847
NCT04357847	Assessment of Endothelial and Haemostatic Changes During Severe SARS-CoV-2 Infection	Recruiting	N.A.	Observational	https://ClinicalTrials.gov/show/NCT04357847
NCT04408365	Endothelial Function, Inflammation and Organ Dysfunction in COVID-19	Not yet recruiting	N.A.	Observational	https://ClinicalTrials.gov/show/NCT04408365
NCT04343053	Pro-thrombotic Status in Patients With SARS-Cov-2 Infection	Active, not recruiting	Other: SARS-Cov-2 infection	Interventional	https://ClinicalTrials.gov/show/NCT04343053
NCT04377997	Safety and Efficacy of Therapeutic Anticoagulation on Clinical Outcomes in Hospitalized Patients With COVID-19	Not yet recruiting	Drug: Enoxaparin	Interventional	https://ClinicalTrials.gov/show/NCT04377997
NCT04448743	Role of Microparticles in Covid-19 Infection	Not yet recruiting	Other: Blood sample	Observational	https://ClinicalTrials.gov/show/NCT04448743
NCT04420741	Infusion of Prostacyclin (Iloprost) vs Placebo for 72-hours in COVID-19 Patients With Respiratory Failure	Recruiting	Drug: Iloprost Drug: Isotonic saline	Interventional	https://ClinicalTrials.gov/show/NCT04420741
NCT04348383	Defibrotide as Prevention and Treatment of Respiratory Distress and Cytokine Release Syndrome of Covid 19.	Recruiting	Drug: Defibrotide 25 mg/kg 24 hours continuous infusion for 15 days Drug: Placebo 250 cc 24 hours continuous infusion for 15 days	Interventional	https://ClinicalTrials.gov/show/NCT04348383
NCT04410263	Microbiota in COVID-19 Patients for Future Therapeutic and Preventive Approaches	Recruiting	Diagnostic Test: Sampling (EDTA blood, pharyngeal and nose swabs, bronchoalveolar lavage, urine)	Observational	https://ClinicalTrials.gov/show/NCT04410263
NCT04406545	Microvascular Flow and Reactivity in Patients Presenting in the Acute Phase of COVID-19.	Recruiting	Other: evaluation of skin microvascular flow and reactivity	Observational	https://ClinicalTrials.gov/show/NCT04406545
NCT04361422	Isotretinoin in Treatment of COVID-19	Not yet recruiting	Drug: Isotretinoin Only Product in Oral Dose Form	Interventional	https://ClinicalTrials.gov/show/NCT04361422
NCT04483830	Sulodexide in the Treatment of Early Stages of COVID-19	Recruiting	Drug: Sulodexide Drug: Placebo	Interventional	https://ClinicalTrials.gov/show/NCT04483830
NCT04414267	Bacillus Calmette-guérin Vaccination to Prevent COVID-19	Recruiting	Biological: BCG vaccine Biological: Placebo	Interventional	https://ClinicalTrials.gov/show/NCT04414267
NCT04367662	Study of the Vascular Compartment and Hypercoagulability During Coronavirus Infection COVID-19	Completed	Procedure: blood sampling	Interventional	https://ClinicalTrials.gov/show/NCT04367662
NCT04443673	Glycine Supplement for Severe COVID-19	Recruiting	Dietary Supplement: Glycine	Interventional	https://ClinicalTrials.gov/show/NCT04443673
NCT04508933	Comparison of Extra Vascular Lung Water Index in Covid-19 ARDS and "Typical"ARDS Patients	Not yet recruiting	Device: Extravascular Lung Water Index Device: Pulmonary Vascular Permeability Index	Observational	https://ClinicalTrials.gov/show/NCT04508933
NCT04480632	Therapeutic Plasmapheresis in Critically Ill Adult Patients With COVID-19 Confirmed Diagnosis	Not yet recruiting	Biological: Convalescent plasma	Interventional	https://ClinicalTrials.gov/show/NCT04480632
NCT04382794	Sitagliptin Treatment in Diabetic COVID-19 Positive Patients	Completed	Drug: Retrospective case-control analysis	Observational	https://ClinicalTrials.gov/show/NCT04382794
NCT04326790	The GReek Study in the Effects of Colchicine in Covid-19 cOmplications Prevention	Recruiting	Drug: Colchicine Drug: Standard treatment	Interventional	https://ClinicalTrials.gov/show/NCT04326790

NCT04305106	Bevacizumab in Severe or Critically Severe Patients With COVID-19 Pneumonia-RCT	Recruiting	Drug: Bevacizumab	Interventional	https://ClinicalTrials.gov/show/NCT04305106
NCT04372589	Antithrombotic Therapy to Ameliorate Complications of COVID-19 (ATTACC)	Recruiting	Drug: Heparin	Interventional	https://ClinicalTrials.gov/show/NCT04372589
NCT04493307	The Evaluation of Hemostasis in Hospitalized COVID-19 Patients	Recruiting	Diagnostic Test: Phlebotomy	Observational	https://ClinicalTrials.gov/show/NCT04493307
NCT04514627	Neuromodulation With Percutaneous Electrical Nerve Field Stimulation for Adults With COVID-19	Recruiting	Device: Auricular percutaneous neurostimulation	Interventional	https://ClinicalTrials.gov/show/NCT04514627
NCT04487990	CoV-Hep Study: Regional Anticoagulation Modalities in Continuous Venous Venous Hemodialysis in Patients With COVID-19	Recruiting	Drug: unfractionated Heparin	Interventional	https://ClinicalTrials.gov/show/NCT04487990
NCT04371289	Predictors of Cardiovascular Risk in Covid-19 Patients During Acute Disease and at Short Term Follow-up	Not yet recruiting	N.A.	Observational	https://ClinicalTrials.gov/show/NCT04371289
NCT04508439	Effect of the Use of Anticoagulant Therapy During Hospitalization and Discharge in Patients With COVID-19 Infection	Recruiting	Drug: Enoxaparin	Interventional	https://ClinicalTrials.gov/show/NCT04508439
NCT04275414	Bevacizumab in Severe or Critical Patients With COVID-19 Pneumonia	Recruiting	Drug: Bevacizumab Injection	Interventional	https://ClinicalTrials.gov/show/NCT04275414
NCT04394195	sFlt1: a Biomarker of Organ Dysfunction in Critically-ill Patients With COVID-19?	Recruiting	Other: measurement of circulating sFlt1 concentration	Observational	https://ClinicalTrials.gov/show/NCT04394195
NCT04367792	Cardiac Injury in COVID-19: a Pathology Study	Active, not recruiting	N.A.	Observational	https://ClinicalTrials.gov/show/NCT04367792
NCT04403607	Cardiac Imaging in SARS-CoV-2 (COVID-19)	Recruiting	N.A.	Observational	https://ClinicalTrials.gov/show/NCT04403607
NCT04444609	PROSAIC-19 - Prospective Longitudinal Assessment in a COVID-19 Infected Cohort	Not yet recruiting	Other: Blood tests sputum, nasal lavage and brushing	Observational	https://ClinicalTrials.gov/show/NCT04444609
NCT04457609	Administration of Allogenic UC-MSCs as Adjuvant Therapy for Critically-Ill COVID-19 Patients	Recruiting	Drug: Oseltamivir Drug: Azithromycin Biological: Umbilical Cord Mesenchymal Stem Cells	Interventional	https://ClinicalTrials.gov/show/NCT04457609
NCT04412473	COVID-19 Respiratory Distress and Antithrombotic Drugs in Subject's Habits	Recruiting	N.A.	Observational	https://ClinicalTrials.gov/show/NCT04412473
NCT04351711	Immunological Profiling of Patients With COVID-19 in Respiratory Distress	Recruiting	Other: Immunological profiling	Observational	https://ClinicalTrials.gov/show/NCT04351711
NCT04356144	Thrombomodulin-modified Thrombin Generation Assay (TGA-TM) in Patients With Critical Infections	Recruiting	Diagnostic Test: Thrombin Generation Assay (TGA) Diagnostic Test: Thrombomodulin Modified Thrombin Generation Assay (TGA-TM)	Observational	https://ClinicalTrials.gov/show/NCT04356144
NCT04401150	Lessening Organ Dysfunction With VITamin C - COVID-19	Recruiting	Drug: Vitamin C Drug: Control	Interventional	https://ClinicalTrials.gov/show/NCT04401150
NCT04466241	Combination Therapies to Reduce Carriage of SARS-Cov-2 and Improve Outcome of COVID-19 in Ivory Coast: a Phase Randomized Iib Trial	Not yet recruiting	Drug: Lopinavir/Ritonavir 200 MG-50 MG Oral Tablet Drug: Telmisartan 40Mg Oral Tablet Drug: Atorvastatin 20 Mg Oral Tablet	Interventional	https://ClinicalTrials.gov/show/NCT04466241
NCT04388683	Inhaled Nitric Oxide for Preventing Progression in COVID-19	Recruiting	Drug: Nitric Oxide	Interventional	https://ClinicalTrials.gov/show/NCT04388683
NCT04338828	Nitric Oxide Inhalation Therapy for COVID-19 Infections in the ED	Recruiting	Drug: Nitric Oxide Gas Other: Inhaled Supplemental Oxygen	Interventional	https://ClinicalTrials.gov/show/NCT04338828

NCT04361786	Acral Cutaneous Thrombotic Vasculopathy and Covid-19 Infection	Active, not recruiting	N.A.	Observational	https://ClinicalTrials.gov/show/NCT04361786
NCT04299152	Stem Cell Educator Therapy Treat the Viral Inflammation in COVID-19	Not yet recruiting	Combination Product: Stem Cell Educator-Treated Mononuclear Cells Apheresis	Interventional	https://ClinicalTrials.gov/show/NCT04299152
NCT04338932	COVID-19 and Deep Venous Thrombosis	Completed	N.A.	Observational	https://ClinicalTrials.gov/show/NCT04338932
NCT04383002	High Dose Inhaled Nitric Oxide for COVID-19 (ICU Patients)	Not yet recruiting	Drug: Nitric Oxide	Interventional	https://ClinicalTrials.gov/show/NCT04383002
NCT04460183	A Study to Assess Efficacy and Safety of RESP301 Plus Standard of Care (SOC) Compared to SOC Alone in Hospitalized Participants With COVID-19	Not yet recruiting	Drug: RESP301, a Nitric Oxide generating solution Other: Standard of Care	Interventional	https://ClinicalTrials.gov/show/NCT04460183
NCT04398290	iNOPulse for COVID-19	Not yet recruiting	Drug: Inhaled nitric oxide (iNO) Drug: Nitrogen gas Drug: Oxygen gas	Interventional	https://ClinicalTrials.gov/show/NCT04398290
NCT04507867	Effect of a Nss to Reduce Complications in Patients With Covid-19 and Comorbidities in Stage III	Not yet recruiting	Dietary Supplement: Nutritional support system (NSS) Other: Control	Interventional	https://ClinicalTrials.gov/show/NCT04507867
NCT04399798	Baricitinib for coRona Virus pnEumonia (COVID-19): a THERapeutic Trial	Not yet recruiting	Drug: Baricitinib	Interventional	https://ClinicalTrials.gov/show/NCT04399798
NCT04456088	Inhaled NO for the Treatment of COVID-19 Caused by SARS-CoV-2 (CANADA Trial)	Not yet recruiting	150 ppm Nitric Oxide; 80 ppm Nitric Oxide (delivered through LungFit Delivery System)	Interventional	https://ClinicalTrials.gov/show/NCT04456088
NCT04397692	Inhaled NO for the Treatment of COVID-19 Caused by SARS-CoV-2 (US Trial)	Recruiting	Device: Nitric Oxide delivered via LungFit, N ₂ system	Interventional	https://ClinicalTrials.gov/show/NCT04397692
NCT04321616	The Efficacy of Different Anti-viral Drugs in COVID 19 Infected Patients	Recruiting	Drug: Hydroxychloroquine Drug: Remdesivir Other: (Standard of Care) SoC	Interventional	https://ClinicalTrials.gov/show/NCT04321616
NCT04390022	Sars-CoV-2/COVID-19 Ivermectin Navarra-ISGlobal Trial	Recruiting	Drug: Ivermectin Drug: Placebo	Interventional	https://ClinicalTrials.gov/show/NCT04390022
NCT04476992	Nitric Oxide Therapy for COVID-19 Patients With Oxygen Requirement	Recruiting	Drug: Nitric Oxide-Sessions Drug: Nitric Oxide-Continuous and Sessions	Interventional	https://ClinicalTrials.gov/show/NCT04476992
NCT04305457	Nitric Oxide Gas Inhalation Therapy for Mild/Moderate COVID-19	Active, not recruiting	Drug: Nitric Oxide	Interventional	https://ClinicalTrials.gov/show/NCT04305457
NCT04312243	NO Prevention of COVID-19 for Healthcare Providers	Recruiting	Drug: Inhaled nitric oxide gas	Interventional	https://ClinicalTrials.gov/show/NCT04312243
NCT04443868	Nitric Oxide Releasing Solution to Treat and Prevent Exacerbation of Mild COVID-19 Infection	Not yet recruiting	Drug: Nitric Oxide-Releasing Drug	Interventional	https://ClinicalTrials.gov/show/NCT04443868
NCT04337918	Nitric Oxide Releasing Solutions to Prevent and Treat Mild/Moderate COVID-19 Infection	Recruiting	Drug: NORS (Nitric Oxide Releasing Solution)	Interventional	https://ClinicalTrials.gov/show/NCT04337918
NCT04306393	Nitric Oxide Gas Inhalation in Severe Acute Respiratory Syndrome in COVID-19	Recruiting	Drug: Nitric Oxide Gas	Interventional	https://ClinicalTrials.gov/show/NCT04306393
NCT04453527	The CASCADE Study - Measures of Complement Activation and Inflammation in Patients With Covid-19	Recruiting	N.A.	Observational	https://ClinicalTrials.gov/show/NCT04453527
NCT03331445	Inhaled Gaseous Nitric Oxide (gNO) Antimicrobial Treatment of Difficult Bacterial and Viral Lung (COVID-19) Infections	Active, not recruiting	Drug: Nitric Oxide 0.5 % / Nitrogen 99.5 % Gas for Inhalation	Interventional	https://ClinicalTrials.gov/show/NCT03331445
NCT04304313	A Pilot Study of Sildenafil in COVID-19	Recruiting	Drug: Sildenafil citrate tablets 0.1g/day for 14 days	Interventional	https://ClinicalTrials.gov/show/NCT04304313