

Appendix File 2.**The list of the data collection**

Items		Variables
Population information		Sex, nationality, date of birth, identification number, addresses of residence
Clinical symptoms		Cough, sputum, dyspnea, hemoptysis, runny nose, sore throat, chest pain, fatigue, night sweats, headache, muscle pain, joint pain
Vital signs		T, HR, RR, SaO ₂ , BP
Physical signs		Conjunctival oedema, cyanosis, clubbing fingers, barrel chest, rales of lungs, wheezing, hepatosplenomegaly, hepatic jugular reflux sign, edema of lower limbs
Laboratory examinations	Blood routine test	Count and percentage of Neu, Eos, LY; HGB, RDW, PLT
	Blood biochemistry tests	ALB, GLB, TC, HDL-C, LDL-C, TG, AST, ALT, LDH, BUN, Cr, uric acid, Na, K
	Blood glucose test	HbA1c, random blood glucose
	Other blood tests	Coagulation, arterial blood gas analysis, CRP, PCT
Sputum tests		Sputum smear, sputum culture, sputum cell classification
Pulmonary function tests	Lung function	FVC, FVC % predicted, FEV1, FEV1 % predicted, FEV1/FVC, DLCO, RV, TLC, RV/TLC
	FeNO	
Other physical examinations		ECG, HRCT, cardiac ultrasound, lower extremity venous ultrasound
Assessment scales		EXACT, mMRC, CAT, BDI, TDI, HADS, SGRQ, CERT

Abbreviations: temperature, T; heart rate, HR; respiratory rate, RR; oxygen saturation, SaO₂; blood

pressure, BP; neutrophil, Neu; eosinophil, Eos; lymphocyte, LY; hemoglobin, HGB; red blood cell distribution width, RDW; platelet count, PLT; albumin, ALB; globulin, GLB; total cholesterol, TC; high density lipoprotein-cholesterol, HDL-C; low density lipoprotein-cholesterol, LDL-C; triglycerides, TG; aspartate aminotransferase, AST; alanine aminotransferase, ALT; lactate dehydrogenase, LDH; blood urea nitrogen, BUN; creatinine, Cr; sodium, Na; potassium, K; glycated hemoglobin, HbA1c; C-reactive protein, CRP; procalcitonin, PCT; force-velocity curve, FVC; forced expiratory volume in one second, FEV1; diffusing capacity of the lungs for carbon monoxide, DLCO; residual volume, RV; total lung capacity, TLC; fractional exhaled nitric oxide, FeNO; electrocardiogram, ECG; high resolution CT, HRCT; the Exacerbations of Chronic Pulmonary Disease Tool, EXACT; modified Medical Research Council Dyspnea Scale, mMRC; COPD Assessment Test, CAT; Baseline dyspnea index, BDI; Transition dyspnea index, TDI; Hospital Anxiety and Depression Scale, HANDS; St. George's Respiratory Questionnaire, SGRQ; COPD Exacerbation Recognition Tool, CERT.