

## SUPPLEMENTARY MATERIALS

### Supplementary Materials

#### The grading criteria for the severity of COVID-19:

(1) mild type: patients with mild clinical symptoms and no pulmonary changes on CT imaging;

(2) common type: patients with symptoms of fever and signs of respiratory infection, and having pneumonia changes on CT imaging;

(3) severe type: patients presenting with any one of the following conditions: a. respiratory distress, respiratory rate  $\geq 30$ /min; b. oxygen saturation of finger  $\leq 93\%$  in resting condition; c. arterial partial pressure of oxygen (PaO<sub>2</sub>) /oxygen concentration (FiO<sub>2</sub>)  $\leq 300$  mmHg (1 mmHg = 0.133 kPa); d. The clinical symptoms are progressively worsening, and lung imaging shows that the lesion has progressed significantly  $> 50\%$  within 24 to 48 hours;

(4) critical type: patients meeting any one of the following criteria: a. respiratory failure requiring mechanical ventilation; b. shock; c. concomitant failure of other organs and requirement for intensive care unit (ICU) monitoring and treatment.

#### The relevant ethical review materials

**Proposal Title:** Epidemiological features, clinical characteristics and prognosis of patients with novel coronavirus pneumonia

**Principal investigator:** Guoqiang Cao

**Study design:** observational study

#### Key requirements:

1. Subjects have the right to be informed about the health effects of the research and the results that can be obtained, and sign informed consent.
2. Each participant's demographic form and consent form will be stored separately in a secure location.
3. Transcription will be carried out in a private space. All personal identification information will be removed or changed during transcription.
4. Digital copies of the files will be encrypted, password protected and stored securely.
5. Research should comply with the Declaration of Helsinki.