**Supplementary Material**

Viral RNA test rules:

Rule 1:

Viral RNA was collected in the morning. Patients should avoid brushing their teeth, gargling, and drinking water before collection. Nasopharyngeal swab (NPS) and oropharyngeal swab (OPS) samples were collected from the same patient.

Rule 2:

After admission, the first 3 viral RNA test were made once the other day. If the Ct value ≤ 25, then it was changed to test every two days, until two consecutive viral RNA tests were negative or the Ct value ≥ 35. If the Ct value was > 25, the test was continued the other day until two consecutive viral RNA tests were negative or the Ct value ≥ 35.

Rule 3:

In Case 1, one test was negative or the Ct value ≥ 35, and then the test frequency was changed to the next day. In case 2, the test is negative or the Ct value ≥ 35, after which the test frequency continues the next day.

Treatment:

In addition to dealing with patients' various uncomfortable symptoms, we also used traditional Chinese medicine doctors according to the Diagnosis and Treatment Protocol for COVID-19 (trial version 9) combined with the actual situation of patients.