

**Supplementary Table S3. Improvement of different clinical subtypes in the MSC-treated group and placebo-treated group.**

| Items                                         | MSC group | Placebo group | <i>P</i> value <sup>1</sup> |
|-----------------------------------------------|-----------|---------------|-----------------------------|
| <b>Clinical improvement rates</b>             |           |               |                             |
| <b>Patients with common/mild COVID-19</b>     |           |               |                             |
| <b>Day 7</b>                                  |           |               | 0.0909                      |
| Symptom remission*                            | 7(24.1)   | 3(10.3)       |                             |
| Improvement                                   | 8(27.6)   | 10(34.5)      |                             |
| No improvement                                | 0         | 3(10.3)       |                             |
| <b>Day 14</b>                                 |           |               | 0.438                       |
| Symptom remission                             | 12(41.4)  | 10(34.5)      |                             |
| Improvement                                   | 3(10.3)   | 5(17.2)       |                             |
| No improvement                                | 0         | 1(3.4)        |                             |
| <b>Day 21</b>                                 |           |               | 0.2108                      |
| Symptom remission                             | 13(44.8)  | 15(51.7)      |                             |
| Improvement                                   | 2(6.9)    | 0             |                             |
| No improvement                                | 0         | 1(3.4)        |                             |
| <b>Patients with severe/critical COVID-19</b> |           |               |                             |
| <b>Day 7</b>                                  |           |               | 0.2507                      |
| Symptom remission                             | 4(13.8)   | 1(3.4)        |                             |
| Improvement                                   | 9(31.0)   | 9(31.0)       |                             |
| No improvement                                | 1(3.4)    | 3(10.3)       |                             |
| <b>Day 14</b>                                 |           |               | 0.0405                      |
| Symptom remission                             | 7(24.1)   | 2(6.9)        |                             |
| Improvement                                   | 6(20.7)   | 5(17.2)       |                             |
| No improvement                                | 1(3.4)    | 6(20.7)       |                             |
| <b>Day 21</b>                                 |           |               | 0.0157                      |
| Symptom remission                             | 8(27.6)   | 4(13.8)       |                             |
| Improvement                                   | 6(20.7)   | 3(10.3)       |                             |
| No improvement                                | 0         | 6(20.7)       |                             |

1, The *P* value is obtained by the  $\chi^2$  test.

\*, This assessment includes patients whose symptoms have disappeared and patients discharged from hospital.

Data are n (%).