

Supplementary materials

Table S1 Smoke visualization of a cough between two dummies at a distance of 0.5 m

| | Average supply air velocity 0.6 m/s | Average supply air velocity 0.8 m/s | Average supply air velocity 0.9 m/s |
|---------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Ceiling attached horizontal jet | | | |
| Downward plane jet (2-jet) | | | |
| Downward plane jet (1-jet) | | | |

Table S2 Smoke visualization of a cough between two manikins at a distance of 0.8 m

| | Average supply air velocity 0.6 m/s | Average supply air velocity 0.8 m/s | Average supply air velocity 0.9 m/s |
|---------------------------------|-------------------------------------|-------------------------------------|-------------------------------------|
| Ceiling attached horizontal jet | <p>Case 7 CAHJs</p> | Case 4 | Case 1 |
| Downward plane jet (2-jet) | <p>Case 8 DPJs</p> | Case 5 | Case 2 |
| Downward plane jet (1-jet) | <p>Case 9 DPJ</p> | Case 6 | Case 3 |