Table S1: Oxygenation, hours, FiO2, PaO2/FiO2, PaO2, PaCO2 during all sixteen sessions performed in the seven patients

| Session PP | Hours | FiO2 pre | pO2 pre | pCO2 pre | StO2 pre | pO2/FiO2 pre | FiO2 prono | pO2 prono | pCO2 prono | pO2/FiO2 prono | StO2 prono | FiO2 post | pO2 post | pCO2 post | pO2/FiO2 post | StO2 post |
|------------|-------|----------|---------|----------|----------|-------------|------------|-----------|------------|---------------|------------|-----------|---------|-----------|---------------|-----------|
| Patient 1  | 1     | 15       | 0.9     | 65.4     | 35.5     | 72.67       | 0.9        | 200       | 34.5       | 222.2         | 99.3       | 0.9       | 63.3    | 35.1       | 70.33         | 93.4      |
| Patient 1  | 2     | 14       | 0.9     | 63.3     | 35.1     | 70.33       | 0.9        | 185       | 35.4       | 205.55        | 99.4       | 0.9       | 82.9    | 38.7       | 92.11         | 96.2      |
| Patient 1  | 3     | 9        | 0.9     | 78.6     | 38.7     | 87.33       | 0.9        | 204       | 33.4       | 226.66        | 99.4       | 0.8       | 92.9    | 59.8       | 116.12        | 93.7      |
| Patient 2  | 4     | 8        | 0.5     | 54       | 41       | 108         | 0.5        | 68.2      | 45.5       | 136           | 93.9       | 0.9       | 88      | 45         | 98            | 98        |
| Patient 2  | 5     | 9        | 0.4     | 92.2     | 46.9     | 225         | 0.4        | 79.2      | 45.5       | 198           | 95.4       | 0.36      | 84.4    | 40.6       | 266           | 96.6      |
| Patient 2  | 6     | 3        | 0.9     | 91.8     | 29.4     | 102         | 0.9        | 98        | 45         | 108.88        | 97.2       | 0.9       | 92.3    | 36.5       | 102.55        | 97.3      |
| Patient 2  | 7     | 3        | 0.9     | 81.6     | 41.6     | 90          | 0.5        | 98        | 38         | 196           | 98         | 0.4       | 90.2    | 46.9       | 225           | 96.3      |
| Patient 3  | 8     | 9        | 0.5     | 82.2     | 41.5     | 164.4       | 0.5        | 185       | 35.4       | 205           | 99.4       | 0.5       | 80      | 41.2       | 160           | 95.5      |
| Patient 3  | 9     | 15       | 0.5     | 67.9     | 34.8     | 135.8       | 0.5        | 101.4     | 45.2       | 208           | 97.7       | 0.5       | 102.7   | 41.4       | 205.4         | 97.8      |
| Patient 4  | 10    | 5        | 0.9     | 151.6    | 26.9     | 152         | 0.4        | 112.2     | 28.8       | 280           | 98.2       | 0.5       | 28      | 196        | 98            | 98        |
| Patient 4  | 11    | 13       | 0.4     | 96       | 43       | 240         | 0.4        | 116.9     | 47.6       | 292           | 96.4       | 0.4       | 158     | 33         | 395           | 99.2      |
| Patient 5  | 12    | 12       | 0.5     | 84.1     | 28       | 168         | 0.5        | 113       | 35         | 226           | 97.6       | 0.9       | 75      | 37         | 83            | 95.2      |
| Patient 6  | 13    | 12       | 0.5     | 81.4     | 28       | 90          | 0.9        | 99.9      | 35.4       | 110           | 97.1       | 0.5       | 102.7   | 36.4       | 204           | 97.2      |
| Patient 7  | 14    | 12       | 0.5     | 84       | 28       | 168         | 0.5        | 113       | 35         | 226           | 100        | 0.5       | 80      | 37         | 160           | 98        |
| Patient 7  | 15    | 4        | 0.9     | 75.3     | 37.6     | 83          | 0.9        | 118.7     | 39.8       | 130           | 97.6       | 0.9       | 82.2    | 42.5       | 131           | 95.3      |