| I Flow measurement                  | Healthy lung tissue | Diseased lung tissue | p-value | p-value |
|------------------------------------|---------------------|----------------------|---------|---------|
|                                    | PRE M (SD)          | POST M (SD)          |         |         |
| PEAK ROI / PEAK REF phase 1        | 0.45 (0.29)         | 0.45 (0.26)          | 1.000   | 0.44 (0.24) |
|                                    | 0.46 (0.11)         | 0.689                |         |         |
| TTP phase 1                        | 4.76 (0.57)         | 4.65 (0.56)          | 0.269   | 4.85 (0.21) |
|                                    | 4.93 (0.35)         | 0.285                |         |         |
| AUC ROI / AUC REF phase 1          | 0.47 (0.24)         | 0.46 (0.24)          | 0.769   | 0.45 (0.20) |
|                                    | 0.52 (0.17)         | 0.092*               |         |         |
| PEAK ROI / PEAK REF phase 2        | 0.59 (0.21)         | 0.68 (0.24)          | 0.067   | 0.68 (0.16) |
|                                    | 0.72 (0.22)         | 0.248                |         |         |
| TTP phase 2                        | 4.75 (0.55)         | 4.65 (0.55)          | 0.274   | 4.93 (0.14) |
|                                    | 5.03 (0.29)         | 0.339                |         |         |
| AUC ROI / AUC REF phase 2          | 0.63 (0.19)         | 0.72 (0.24)          | 0.003*  | 0.70 (0.21) |
|                                    | 0.72 (0.22)         | 0.482                |         |         |

* Statistical significance
M: mean
SD: standard deviation
PEAK ROI / PEAK REF: region of interest peak/reference peak
TTP: time to peak
AUC ROI / AUC REF: area under the curve of the region of interest/area under the curve of reference