**Supplementary material 1**. Dynamic bronchogram

An exceptionally represented dynamic bronchogram in a lung consolidation underlaying acute respiratory failure is shown. The patient is in semi-recumbent position under invasive mechanical ventilation. The probe is placed between the third and fourth ribs, parallelly oriented to third intercostal space, on the left hemithorax. The inflammatory fluids (hyperechoic) move within respiratory airways in response to respiratory maneuver (recruitment) applied in a consolidated lung (Courtesy of Prof Francesco Forfori).