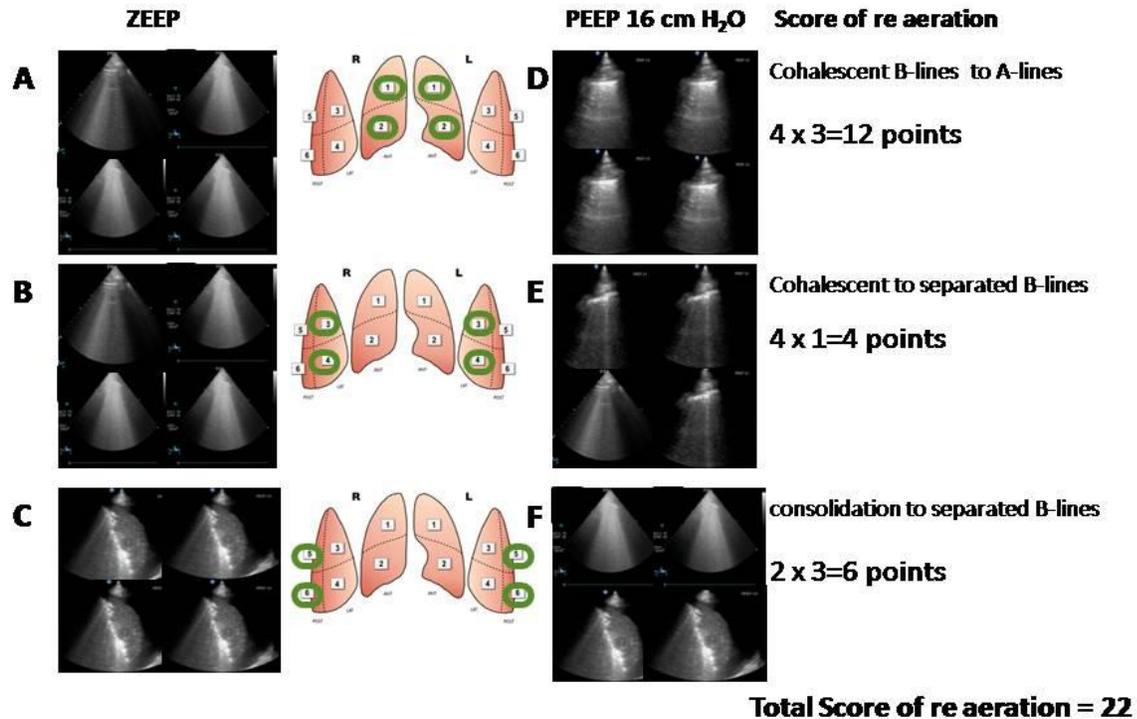


Supplemental Digital Content 6



Recruiter: Reaeration Score (sum of all 12 areas' scores) ≥ 8

Fig. 1. Illustration of positive end-expiratory pressure (PEEP) induced lung recruitment assessed by score of reaeration. In a first step, ultrasound lung aeration was assessed in each of the 12 lung regions examined before and after application of 16 cm H₂O of PEEP. In the same patient, transversal views of the anterior (A, B), lateral (C, D), and lower (E, F) regions at zero end expiratory pressure (ZEEP) and at PEEP 16 cmH₂O. (A): Coalescent B-lines. (B): After PEEP the lung appears normally aerated. The pleural line and A-lines can be seen. Increase of aeration is observed in the four lung regions

examined (C): multiple coalescent B-lines. (D) After PEEP, lung appears more aerated with well-separated B-lines. Increased of aeration is observed in the four lung regions examined (E) consolidated lower lobes. (F) After PEEP coalescent B-lines appears in upper part. Increased of aeration is observed in two lung regions examined.

In a second step, ultrasound lung reaeration score was calculated as the sum of each score characterizing each lung region examined according to the scale shown in figure 1, Supplemental Digital Content 5.