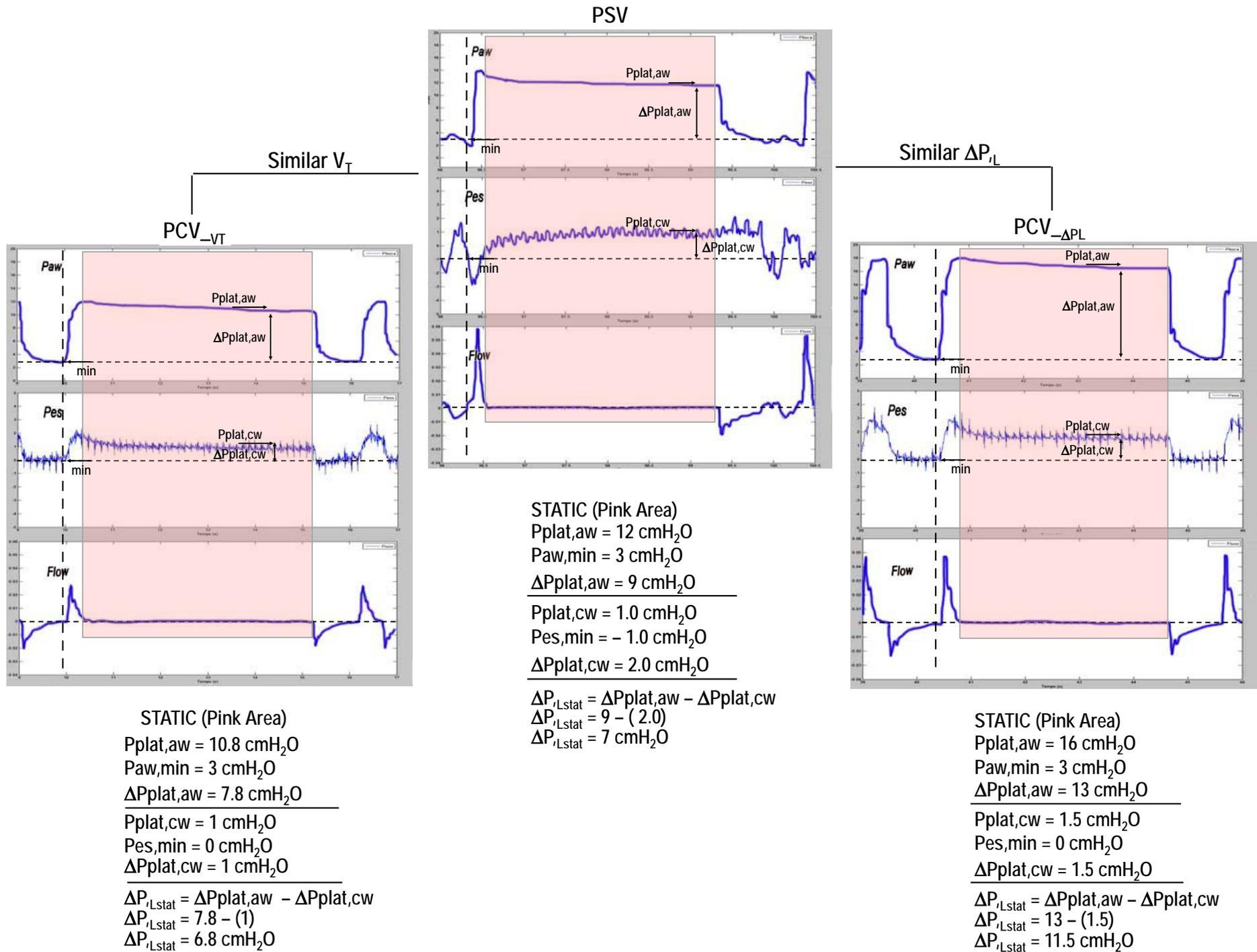


Supplemental Figure 4. Representative waveforms tracings of static mechanics (i.e., with inspiratory holds).



Supplemental Figure 4. Representative waveforms tracings of static mechanics (i.e., with inspiratory holds). PSV: pressure-support ventilation with ΔP set to achieve a V_T of 6 mL/kg; PCV_{VT}: pressure-controlled ventilation with the same V_T of pressure-support ventilation; PCV _{ΔPL} : pressure-controlled ventilation with dynamic ΔP_L similar to that achieved by pressure-support ventilation. The minimum value of Paw (Paw,min) was determined by the PEEP level applied during mechanical ventilation (3 cmH₂O). The minimum value of esophageal pressure (Pes,min) in PSV was determined by the vertical dashed line, throughout the waveform signals, marks the situation at zero airflow. Minimum values for Pplat,aw and Pplat,cw were measured after 3 s of inspiratory occlusion. In the pink area, during a zero-airflow condition, there is no resistive component or even pressure generated by the inspiratory muscles; the Pplat,aw represents the elastic recoil of the respiratory system, while Pplat,cw represents the chest wall elastic recoil. ΔP_{Lstat} is the difference between $\Delta P_{plat,aw}$ and $\Delta P_{plat,cw}$. ΔP_{Lstat} values, measured under static conditions, differ according to mechanical ventilation mode (PSV = 7 cmH₂O and PCV _{ΔPL} = 11.5 cmH₂O).