OPEN LUNG TOOL (OLT) GUIDELINES

Switch to PC maintaining $V_t$ for 6-10ml/kg IDW

Quick Access button and Activate OLT

Monitor Hemodynamic Status during each step!

Increase PEEP in 2cmH$_2$O increments allowing 2-6 breaths per step

Hemodynamics Stable (<20% decrease MAP)

PEEP =>20cmH$_2$O

Increase PC in 2-5cmH$_2$O steps to 30cmH$_2$O

Hemodynamic Status maintained?

NOTE PIP for future reference

STOP procedure, stabilize patient & consult with physician

RECRUIT
Hold settings for 2 minutes

Stepwise reduction of PC from 30cmH$_2$O to 6-10ml/kg IBW

Begin PEEP Decrement

Drop PEEP in 2cmH$_2$O steps allowing 2-6 breaths per step

Begin flow sheet documentation

Compliance drops?

The PEEP level just prior to this point = Critical Closing Pressure (CCP)

Set PEEP 2cmH$_2$O above CCP

Re-recruit at required PIP for one minute

Reset PC for target Tidal Volume

Note best Dynamic Compliance

Close the OLT

Switch to ordered mode for ongoing ventilatory support

End of OLT process

Note:
Always monitor hemodynamic status. Be aware of type of blood pressure monitoring used and patients that may incur increased ICP's due to increased ventilator pressures. Must have a physician order before performing recruitment maneuver.

Always monitor Dynamic Compliance - Compliance may fall due to patient disconnect or suctioning