Resources

Waveform Website

Reading, Chapter A	Reading, Chapter B
Reading, Chapter C	Reading, Chapter D
Reading, Chapter E	Reading, Chapter F
Reading, Chapter G	Reading, Chapter H

Deadlines

date	item
sep 30	chapter A
sep 30*	schedule chapters B, C, D
nov 15	waveforms set 1
dec 15	chapter D
apr 17	waveforms set 2
may 15	chapter H
jun 16	final assessment

*recommended, not hard deadline

Action Items

Wave forms

Waveform Submission Template

Due Nov 15

Normal Waveforms (all)

- ☐ Normal Pressure Control Breath
- ☐ Normal Volume Control Square Waveform Breath
- ☐ Normal Volume Control Decelerating Waveform Breath
- ☐ Normal Volume Targeted Breath
- ☐ Normal Passive Expiration
- ☐ Normal Pressure Support Breath

Maneuvers (all)

- ☐ Plateau pressure (Pplat) measurement

- ☐ Serial Measurement of Pplat at different PEEP levels
- ☐ Measurement of Static Compliance
- ☐ Measurement of Inspiratory Resistance
- ☐ Calculating Tau
- ☐ Measurement of zero autoPEEP
- ☐ Measurement of AutoPEEP >2 cmH2O

Features Concerning for the Presence of autoPEEP (>=1 of any of)

- ☐ Unequal Areas of Flow-Time Curve
- ☐ Persistent End Expiratory Flow
- ☐ Ineffective Triggering - if submitting as feature of autoPEEP, please also submit screen showing measured autoPEEP

Expiratory Asynchronies (all)

- ☐ Active expiration
- ☐ AutoPEEP (as noted above) and Management

Trigger Asynchronies (all)

- ☐ Autotrigger and Management
- ☐ Ineffective Trigger and Management
- ☐ Reverse Trigger and Management
- ☐ Double Trigger and Management

Due Apr 17

Flow Asynchronies (all)

- ☐ Flow Starvation on Pressure Control and Management
- ☐ Flow Starvation on Volume Control Decelerating Waveform and Management
- ☐ Flow Starvation on Volume Targeted and Management

Cycle Asynchronies (all)

- ☐ Premature Cycling on Pressure Control and Management
- ☐ Premature Cycling on Volume Control and Management
- ☐ Delayed Cycling on Pressure Control and Management
- ☐ Delayed Cycling on Volume Control and Management

Other Cases and Maneuvers (>=2 of)

- ☐ Breath Termination on Pressure Support Ventilation (PSV) - Expiratory Sensitivity (ESENS) adjustment for patient on PSV * <todo>Recruitment-Inflation Ratio Measurement *

<todo>Increased Pressure-Time Product

- ☐ Dynamic Airway Collapse During Exhalation
- ☐ APRV
- ☐ Esophageal Manometry Guiding PEEP Titration
- ☐ Low-Flow Pressure Volume Loop
- ☐ Mechanical Ventilation on VV ECMO