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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
- ⊠ [✓ admin, 2025-08-16]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

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 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)=== * <todo>Active expiration * <todo>AutoPEEP (as noted above) and Management</todo></todo>
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)

- \square 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

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• ☐ Mechanical Ventilation on VV ECMO

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