Order to wean

Patient in IMV/pressure support mode?

PEEP ≤ 6?

Yes

Wean Fio\textsubscript{2} according to protocol

Successful

No

Notify MD

Obtain ABG

Wean IMV per protocol

Successful

Wean PSV per protocol

FiO\textsubscript{2} ≤ 40, Peep ≤ 6, IMV=2, PSV=6, RR<30?

Notify MD for extubation order

Yes

No

Notify MD

NO
**FiO₂ WEANING PROTOCOL**

Order to wean

- **SpO₂ ≥ 94%**
  - YES: Decrease FiO₂ by .1 (minimum FiO₂ .40)
  - NO: \( \text{SpO₂ ≥ 94%} \)

- \( \text{SpO₂ ≥ 94%} \)
  - YES: FiO₂ Wean Successful
  - NO: FiO₂ ≤ .4
    - YES: Increase FiO₂ by .1
    - NO: Wait 10" and \( \text{SpO₂ ≥ 94%} \)

- Obtain ABG, notify MD
PEEP WEANING PROTOCOL

Order to wean PEEP

\[\text{SpO}_2 \geq 94\%\] NO \rightarrow Stop, call MD

YES \rightarrow Decrease PEEP 2cm H\(_2\)O (minimum PEEP 6 cm H\(_2\)O)

\rightarrow Wait 1 hour

\[\text{SpO}_2 \geq 94\%?\] NO \rightarrow \text{SpO}_2 < 85\%?

YES \rightarrow Increase FiO\(_2\) to 1.0

NO \rightarrow \text{SpO}_2 < 85\%?

YES \rightarrow Increase FiO\(_2\) to 1.0

NO \rightarrow \text{SpO}_2 \geq 94\%?

YES \rightarrow Obtain ABG, call MD

NO \rightarrow PEEP > 6 cm H\(_2\)O?

YES \rightarrow PEEP Wean Successful

NO \rightarrow \text{PEEP > 6 cm H\(_2\)O?}

\rightarrow \text{PEEP Wean Successful}

\rightarrow \text{PEEP\_Starting PEEP level?}

\rightarrow \text{Increase FiO\(_2\) to 1.0}
IMV WEANING PROTOCOL

Order to wean IMV

- RR < 30?
  - NO
  - YES: Decrease IMV 2 breaths per minute
    - Wait 30"
      - Yes: Signs of intolerance?
        - NO: IMV = 2?
          - NO: IMV Wean Successful
          - YES: Increase IMV by 2
            - Obtain ABG
            - Notify MD
              - Stop
        - YES: Increase IMV by 2
          - Obtain ABG
          - Notify MD
            - Stop
PSV WEANING PROTOCOL

Order to wean PSV

RR<30, PSV>6

NO

STOP!

YES

Decrease PSV 2cm H₂O
(Min PSV 6 cm H₂O)

Wait 30 minutes

Signs of intolerance?

Increase PSV 2cm H₂O q 10” till RR<30

NO

PSV<6

YES

PSV wean successful

NO

Obtain ABGs, notify MD

PSVCL
SICU/khp/8.11.00

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