



Which lung protective modes can I use to treat patients with ARDS?

Pressure control

Bilevel mode

APRV mode



Initial settings

P high	20–30 cmH ₂ O
T high	0.8–1.2 sec
RR	20–30 breaths/min
PEEP (P low)	>10 cmH ₂ O
Pressure support	0–10 cmH ₂ O

**This method closely resembles the pressure control method.*

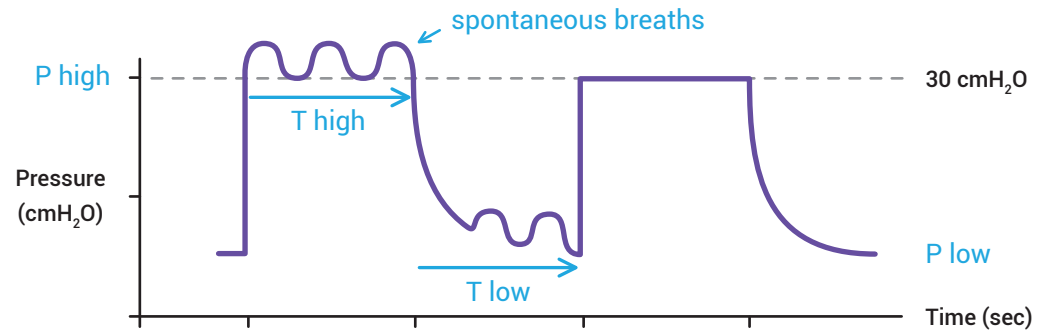
NOTE

Physicians may choose to closely resemble the APRV initial settings.

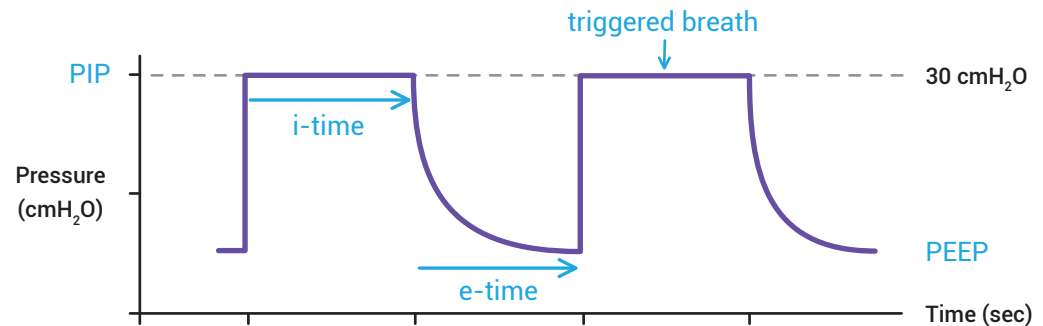
Bilevel mode

Bilevel mode is a lung protective mode that can be used to treat patients with ARDS.

Bilevel



Pressure control



PRO

Protect lung from exceeding high pressure.

Lessen anxiety because patient can breathe freely.

Bilevel

1. Max/min pressure support (P high/P low).
2. Set RR. But, breaths are spontaneous and can be taken any time.
3. Set T high (T low*).

**T low is automatically set based on T high and RR.*

Pressure support

1. Max/min total pressure (PIP/PEEP).
2. Set RR. Breaths are controlled (or triggered at set times).