



Chulalongkorn University



HFOV From Basic to Bedside



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Mechanical Ventilation

How do we classify?

Conventional
(CMV)

- Low tidal volume
- Optimum PEEP
- LRM ?

Unconventional

- HFOV/HFJV
- LVRM

Goals of Mechanical Ventilation

Provide optimum
Oxygenation/Ventilation



Minimize lung Injury

Decreased Work of breathing

VILI

Injury alveoli from EM after large volume ventilation

VILI: Physiologic evidence?