

Use of inspiratory muscle training in weaning from mechanical ventilator (when, how and why)

Invasive mechanical ventilation is routinely used in ICU to treat respiratory failure. Although this treatment is essential for survival, it results in rapid atrophy of diaphragmatic muscle fibers. This in turn would result in difficulty in weaning from mechanical ventilator.

The outlay of the talk is as follows

- Various types of inspiratory muscle training.
- Threshold inspiratory muscle training on mechanical ventilated patients would be explained in detail.
- Indications for inspiratory muscle training
- Precautions and contraindications
- Benefits of inspiratory muscle training in mechanically ventilated patients