

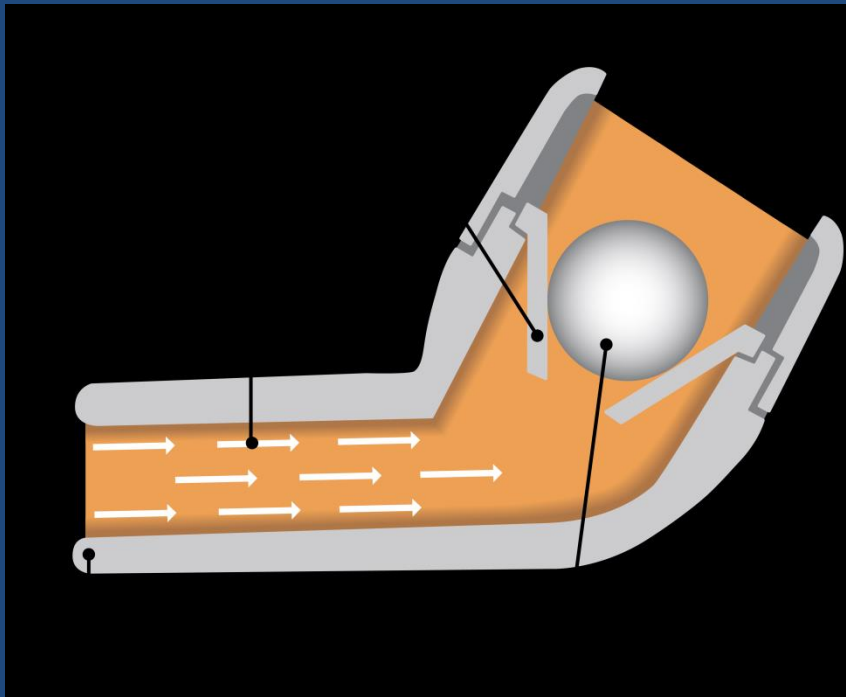
Devices

- *PEP*
- The administration of PEP from 5 to 20 cm H₂O delivered by facemask is believed to improve mucus clearance by either increasing gas pressure behind secretions through collateral ventilation or by preventing airway collapse during expiration

- *Oscillatory Devices (Flutter, Intrapulmonary Percussive Ventilation, High-Frequency Chest Wall Oscillation)*
- High-frequency oscillations can be applied either through the mouth or chest wall causing the airways to vibrate, thereby mobilizing pulmonary secretions. These devices can be used with the patient seated or supine.
- The “flutter” device (Varioraw SARL; Scandipharm Inc; Birmingham, AL) is a plastic pipe with a mouthpiece at one
- Within the device, a high-density stainless steel ball and a perforated cover at the other end to the chest wall has been referred to as either *high-frequency chest compression* or *high-frequency chest wall oscillation*.

OSCILLATORY DEVICES

Flutter



Acapella



HFCC

