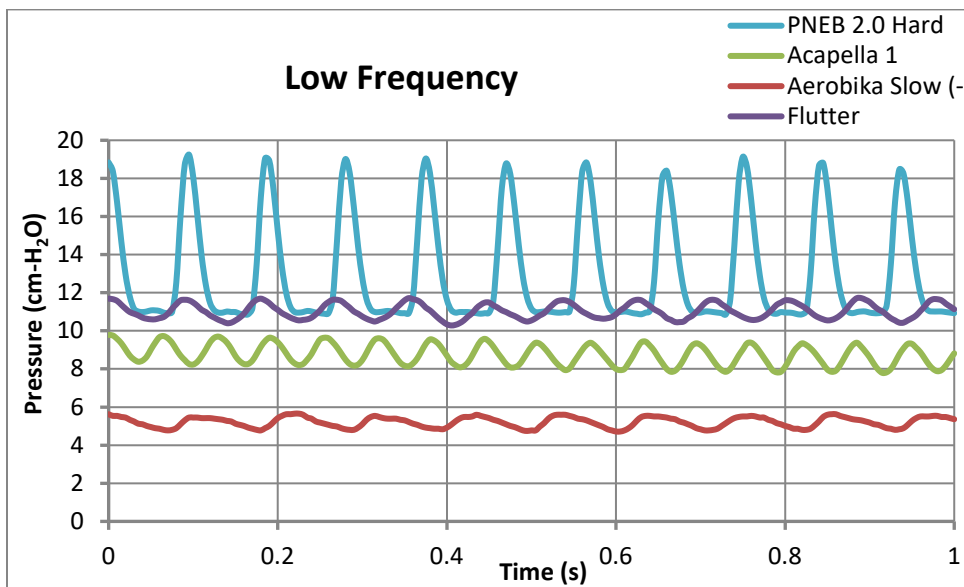


Low and High Frequency Comparison of PercussiveNEB™ 2.0 to PEP Devices at Simulated Exhalation Flow of 20 LPM

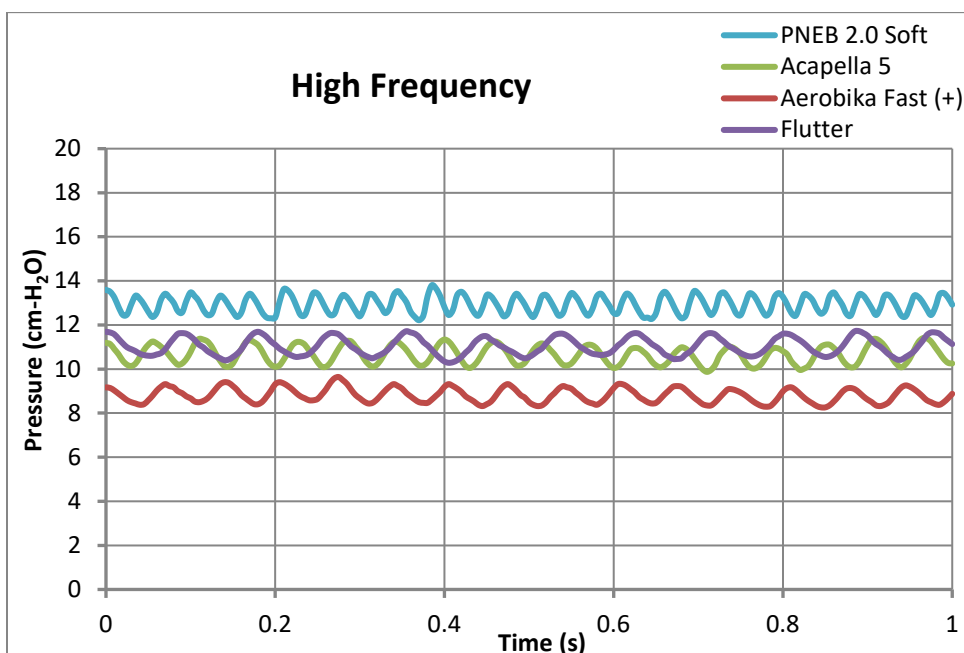
- Devices:**
- VORTRAN PercussiveNEB™ 2.0 Model 8030
 - Trudell Medical International Aerobika™ Model 62510
 - Smiths Medical Acapella® Duet Model 27-9001
 - Allergan FLUTTER®

- Test Method:**
- Mouthpiece of each device connected directly through two in-line T-pieces to test lung
 - First in-line T-piece connected to air source providing 20 LPM (simulated exhalation flow)
 - Second in-line T-piece connected to data acquisition system (providing simulated data)
 - Data recorded for devices adjusted to low frequency setting and high frequency setting



At Low Frequency:

The results at a low frequency setting indicate that a peak pressure with a large and effective amplitude can be achieved with the PNEB™ 2.0



At High Frequency:

The results at a high frequency setting indicate that a peak pressure with a higher baseline can be achieved with the PNEB™ 2.0

Note: The pressure knob of PNEB™ 2.0 allows adjustment of pressure and frequency from the Low Frequency to High Frequency in small increments for optimal effectiveness and patient comfort. In this test only, two positions were compared.