



Therapist Testimonial

California Pacific Medical Center

Therapist: Neonatal and pediatric patients with conditions such as Atelectasis, Pneumonia, Cystic Fibrosis, RSV Bronchiolitis and neuromuscular diseases treated with Frequencer® and adapters right-sized for these patients.



Testimonial

I am the Respiratory clinical coordinator for California Pacific Medical Center. I work at the California Campus which is the children's campus and we were fortunate enough to have the Neo prototype in our possession for about a year. We utilized it in our NICUs, PICU and in our Pediatric Ward on patients of all ages from premature neonates to roughly five years of age.

The prototype is easy to use and accommodates our smallest patient population. The variety of cone sizes makes it possible to provide the quality of care that we can be proud of. We used to use actual vibrators to provide pulmonary clearance for our neonatal population. We had to cover the vibrator so that the parents didn't realize that it was an actual vibrator that was being utilized to improve their child's condition. The prototype has appropriate settings and attachments and there is no need to cover it or hide it from the patient's family. The Prototype has a user friendly IPAD screen. My staff appreciated how easy the prototype was to use and how well it worked.

We utilized the prototype on patients with medical conditions such as atelectasis (lung collapse), Pneumonia (lung consolidation), Cystic Fibrosis (excessive mucus causing atelectasis and hyperinflation), RSV Bronchiolitis (virus that causes excessive mucus production and can be life threatening in premature babies) and neuromuscular patients who can't clear their secretions due to an ineffective cough. Essentially, the prototype was utilized on our sickest patients with almost immediate results.

When choosing an airway clearance device for a child we have to consider not only safety but comfort because extremely ill small children tend to decompensate (decrease vital and stability) when they are upset. The prototype is far more comfortable and efficient than vest therapy especially in regards to a young child. Our patients seem to relax during the treatment which is important when the goal is to expectorate mucus.

The prototype not only assisted with lung recruitment and secretion removal but it reduced our patients' length of hospital stay. Patients who had consolidation or lung collapse on X-Ray had rapid improvements in their X-Rays and overall health. California Pacific Medical Center provided X-Rays for our Frequencer® representative. The X-Rays were of a 500 gram neonatal patient that was very sick with severe RDS and lung collapse. This particular patient had a hard time breathing on his own and required mechanical ventilation. Not only was the prototype safe for a micro preemie (500 grams) but it actually opened the patient's collapse lung and the patient was able to be weaned off mechanical ventilation.

Overall our impression of the prototype was positive as it greatly assisted our patients in the year that we were able to utilize it. Our patients were fortunate to have had the opportunity to take advantage of the prototype trial. Please feel free to contact me if there are any question or concerns.

Heather Esparza RRT, NPS
Children's Clinical Coordinator
650-218-1257 or 415-600-6211
Pediatric Pulmonary and Cystic Fibrosis Center

A thick black horizontal bar is positioned below the contact information, with a blue segment extending to the right.

