

## Venti-Now Timeline

2020

**February**--Call to action based on the impending pandemic crisis. Research and concepts established for our prototype emergency ventilator.

**March**-- Formed a nonprofit and organized the Board of Directors. Recruited our core team of volunteers. UC Bioengineering students join our team. Construction and testing of our prototype device. Filed provisional patent application on initial design. Demonstration for clinicians at UC Medical ICU. Filed Trademark for "Venti-Now" name.

**April**—P&G resources assist with funding and design under their "Force for Good" initiative. Moved into lab/office space donated by YourEncore. FDA submission and approval for emergency ventilator/resuscitator.

**May**—Delivery of components for our first manufacturing batch. Pivot from USA needs to explore Global needs. Begin conversations with countries and NGO's on needs.

**June**—PMC Smart Solutions produces the first batch of ventilators. UC Village Life introduces us to the needs in East Africa. VN Website posted.

**July**— Innovatië LifeSciences licensed to be our Manufacturer of Record to produce, distribute, and install VN emergency ventilators. Los Alamos National Lab evaluation of VN Emergency ventilator on their test bed.

**August**—Approvals to import VN emergency ventilators to Tanzania, Uganda, and Kenya. Delivery of components for our second manufacturing batch.

**September**— PMC produces the second batch of ventilators for ILS. Installations and training in Tanzania at two medical centers.

**October**—First patients receive treatment with VN emergency ventilators in trauma units. Clinicians are very impressed with the results.

**November**— Based on clinician feedback, begin design of an upgraded emergency ventilator with patient triggered breathing (Assist Control).

**December**—Installations in Uganda. First use on COVID patients treated with VN emergency ventilators.

2021

**January**— Successful demonstration of Assist Control concept on a prototype device and direct airflow measurements. Dozens of patients successfully treated using VN emergency ventilators in Tanzania and Uganda.

**February**—Move into lab/office space provided by another nonprofit. Continued development of Assist Control and simplification of pneumatic circuit.

**Next**—Installation and training in Kenya at two medical centers.