

World Community Service  
**World Community Service Project**  
**Re-conditioning Sleep Apnea Devices (CPAP)**  
to serve as  
**Make-shift Ventilators**  
to treat Covid19 patients in the Developing World

The project is to collect sleep apnea machines, refurbish them, and ship them to India, where they are being used as make-shift ventilators for Covid-19 patients. The devices pump ambient air through a flexible tube into a mask covering the patient's mouth – similar to what conventional ventilators do, except that this method is non-invasive (no tubes inserted into patient's throat).

The work is altogether non-technical. We remove the donated sleep apnea device from its case, remove the air tube & attachments, sanitize the device, replace the air intake filter, and then pack it into a box with a new tube, new attachments, along with a flyer with instructions for re-assembly.



Donated sleep apnea machines stored in a member's garage before being processed



The "assembly line" of volunteers dis-assembling and re-assembling the devices



Removing a device from its case



Removing ventilation tube & attachments



Sanitizing the device



Replacing the air intake filter



New tubes (and other attachments) to be packed with the re-conditioned device



Volunteer packing re-conditioned donated sleep apnea device along with new tubes & attachments and re-assembly instructions



Packed boxes being prepared for shipping.



For more information, contact:

**Peter Anderson**, Rotary Club of Morgan Hill (408) 639-3164; [pacificgeo@aol.com](mailto:pacificgeo@aol.com)

**Frank Verlot**, Rotary Club of Los Altos ( ) ; [fverlot@hotmail.com](mailto:fverlot@hotmail.com)