

(no subject)

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* A design of CPAP device that could help covied 19-patients to breath more easily*

* We continue searching and working hard to find various solutions to face the current crisis covid 19 and work as much as possible to deal with this pandemic and to help our people especially as we do not have much ventilators and ICU beds to fight against this pandemic,

From this standpoint, we carried out a design for a CPAP device (Continuous Positive Airway Pressure) and implement it (based on several sources and several manufacturers).

The device works to assist the breathing process when the oxygen mask is insufficient (Oxygen Mask) and helps those who have difficulty to breath Especially those with corona virus will breath more easily and this device can contribute to save many lives by significantly reduce the use of ventilators and intensive care and those who works on them, except for critical cases only.

It is worth to say that a large percentage of people with covid 19 were satisfied with using CPAP devices and eliminated the virus without the of need ventilatos, especially in China and Italy.

The device is used for patients either in the hospital or home for those who suffer from difficulty to breath, the device works to enter an amount of oxygen with air through the mouth and nose to a certain degree continuously, as it makes the airway open and increases the amount of oxygen in the bloodstream,

* we completed a full study on how is the working principle of CPAP device including the device design and how to test the device including testing protocol & equipment to ensure patient safety.

Eng/Luai Taha Al-Mahbashi * The people of Yemen deserve to live in peace *

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