CSR for tackling Covid-19
Partnering for maximum impact

Philips India
April 2020
About Philips & its role in COVID-19

**About Philips**
With a legacy of 125+ years, Philips is a global leader in healthcare with sales and service operations in 100+ countries with over 74,000 employees. Focused on improving the quality of healthcare Philips is pursuing a vision of touching 3 Billion lives by 2030.

**Philips Experience in COVID-19**
As a result of our global experience in helping countries further along the COVID-19 infection curve, Philips support the healthcare system across the world with the products, trainings and clinical expertise required by healthcare warriors to meet the needs during COVID-19.

**Time is Critical...**
Working at speed can help our healthcare warriors to keep up with the rate of spread of the infection. By engaging in direct partnerships with reputed Equipment providers, the CSR fund of your organization can be directed quickly towards the resources needed most by COVID designated hospitals.

Leveraging Philips global clinical experience and learnings from best practices for COVID management, the range of Solutions offered are the ones that we believe will most effectively equip India to combat Covid-19.
To deal with unprecedented situation caused by COVID-19, that has crossed global boundaries, Philips Foundation has been very proactive in providing immediate support towards prevention and treatment across many countries.
Philips offerings for COVID Management

- Ventilators
- Electronic Intensive Care Units (Remote Monitoring)
- Ultra-portable ultrasounds
- Digital Mobile X-Rays
- Patient Monitors
- CTs
- Design of a COVID Hospital
How can you support the fight against COVID?

You can use your CSR contribution to donate the right equipment/solution to equip a Covid management facility of your choice.
Philips Respironics

E30 Ventilator
Philips Respironics E30 Ventilator

A readily available Ventilator that fills the critical hospital ventilation shortage for COVID-19 patients

The Philips Respironics E30 Ventilator is provided globally under the Emergency Use Authorization issued by the US FDA for use to treat patients with respiratory insufficiency.

**Easy to use**
Quick set-up and simple operations allowing healthcare providers with a wide range of skill sets to treat and monitor patients.

**Designed for the Doctor's safety**
E30 comes with circuit set-ups that contain a bacterial/viral filter to minimize exposure for healthcare providers when used invasively or noninvasively with accessories such as a full-face, non-vented (without integrated leak) mask, or helmet.

**Flexibility**
E30 allows safe entrainment of low flow oxygen (patient circuit up to 30 LPM / device inlet up to 60 LPM) to deliver high levels of inspired oxygen: allowing physicians to take a stepped care approach that may be required.

INR 2.4 lakh + GST

Delivery period – 2–4 weeks*

**FDA Emergency Use Authorization** authorizes its use for the duration of COVID-19 public health emergency declaration justifying emergency use of these devices, unless terminated or revoked (after which the products may no longer be used).

- Due to unprecedented circumstances the delivery timelines change.
- Prices quoted are in line with Philips pricing for Government of India tenders won by Philips.
Philips Monitoring and Therapeutic Solutions

G30E, Efficia CM12, DFM100, Single Patient Use Accessories
Philips Monitoring solutions

Real-time relevant information for Covid Management

*Philips Monitors are currently being used in a large number of Covid designated hospitals*

**Philips G30E & Efficia CM12** delivers real-time data about cardiac and respiratory conditions. In addition to basic monitoring parameters, such as ECG/RESP, Spo2, NIBP, Temperatures, these monitors have 2-channel invasive blood pressure and EtCO₂ monitoring as options.

**Etco2**: It provides the first and fastest indication of respiratory failure by measuring the *expired* Co2 (EtCO2).

**Respiration Rate**: No. of breath patient takes in a minute either through own efforts or through Ventilators.

**Spo2 Measurement**: Also known as oxygen saturation, is a measure of the amount of oxygen-carrying hemoglobin in the blood relative to the amount of hemoglobin not carrying oxygen.

**NIBP**: Blood pressure **monitoring** is essential in managing hemo-dynamically unstable **patients** in Care Area

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G30E – INR 2.5 Lacs; Delivery period – 4-6 weeks*
Efficia CM12- INR 3.3 Lacs; Delivery period – 4-6 weeks*
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* Due to unprecedented circumstances the delivery timelines change
* Prices quoted are in line with Philips pricing for Government of India tenders won by Philips
Philips DFM 100 is at the core of your critical care emergency response. **Offering the best of both patient monitoring and defibrillation**, this 2-in-1 life saving equipment is designed to meet the needs of basic and advanced life support providers.

**AED:** Automatic delivery of shock when the patient is under V-Fib, reduces the dependency on highly qualified caregivers

**Pacemaker:** Optional external pacemaker for supporting patients heart rhythm

**NIBP, SpO2, EtCO2:** The device can be scaled up to these optional parameters, highly useful for monitoring the patient’s vitals under critical condition

**Philips single patient use and disposable consumables:** These probes/accessories are designed for monitoring infected patients. Since these are pre-sterile disposable patient consumables, they are designed to work in contaminated environment in line with hospital infection control protocols.

Available consumables work with every product of Philips patient monitors as well as defibrillators.

ECG cables ; NiBP cuffs for measuring blood pressure ; SpO2 probes for measuring Oxygen saturation ; Tubing set for measuring EtCO2

**DFM100 (basic config & Pacing) – INR 2.75 Lacs; Delivery period – 4-6 weeks**

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Philips Lumify

Ultra-portable ultrasound
**Philips Lumify: Ultra-portable ultrasound**

*The power of ultrasound – whenever & wherever you need it*

Lumify consolidates the power of a conventional cart-based ultrasound into a ultra-portable handheld device.

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**Imaging where you need it most**

Lumify can be used to perform **repeatable scans of the Lung** to track the patient's **response to a course of treatment**. The small size and safety of US technology (zero radiation) make it an essential tool in any Covid-19 toolkit.

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**Preventing in-hospital infections**

As a bed-side system, the Lumify **minimizes the number of interactions required for imaging** of the infected patient (no interactions other than doctor). Lumify can be **disinfected within 2 hours (lowest across modalities)** using sanitization bags / with a disposable probe cover; **maximizing throughput & reducing risk of infection**.

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**Simplicity & Scalability**

The Lumify solution is **easy to use** (used by paramedics & nurses in over 30 countries), simple to deploy and can be **easily scaled due to low costs and quick delivery timelines**. The system has emerged as the **go to imaging solutions in countries such as Germany, China and Italy**.

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INR 10 Lakhs + GST for 2 probe kit (INR 5 Lacs per probe)

Delivery within 15 days*

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*Due to unprecedented circumstances the delivery timelines change.*

*Prices quoted are in line with Philips pricing for Government of India tenders won by Philips.*
Philips MobileDiagnost wDR: Digital Mobile Radiography system
Philips MobileDiagnost wDR: Digital Mobile Radiography system

Mobility, more relevant than ever in these challenging times

A motor assisted, high powered (40KW), standalone digital mobile X-ray solution that ensures complete bedside radiography with the same image quality as that of a fixed system and a much easier workflow.

Ensure ease of Mobility
- Take the x-ray system to the patient instead of moving the patient around the hospital to ensure infection control in radiology unit.

Maintain Hygiene
- Given the spread of COVID through surfaces, have a cable and grid free workflow with wDR which can be disinfected using the most common disinfectants.*
- It can also be covered with plastic foil and brought to isolated patients.

Speed
- Fast & secure workflow with wireless transfer to PACS, instant viewing on system screen and remote imaging guarantees high throughput.

INR 75 lakh onwards**

Delivery period subject to system availability only***

* A clear list with all approved disinfectants can be provided.
** Will vary according to configuration.
*** System availability to a country depends upon COVID stage according to WHO guidelines.
Philips CT
Access & Incisive CT
Philips CT: Access & Incisive CT
CT for today, CT for tomorrow

Within the COVID context CTs are used when PCR Kits are unavailable, patients are showing ambiguous symptoms or/and to monitor the progress of infected patients.

Best Quality Imaging
Incisive and Access CTs allow for high quality imaging with low radiation dosage. Access & Incisive CTs have been deployed in different countries for Covid management particularly in isolation wards.

High Throughput
The aforementioned systems allow for faster scans and faster reconstructions; as a result doctors are able to get greater throughput per machine. Considering the cost of the systems, higher utilization becomes key.

Remote Imaging
Access & Incisive CTs are enabled with state-of-the-art software that facilitate remote imaging of the patients.

INR 1.5-4cr
Delivery within 10-12 weeks*

- Due to unprecedented circumstances the delivery timelines change.
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Philips eICU
Technology enabled remote care
E-ICU, a unique hub & spoke model – Way forward for Virtual Patient Care, avoiding physical Touch, keeping Healthcare Worriers Safe.

By leveraging technology to connect multiple critical care facilities to a single monitoring hub, bringing care from where available to where it is needed.

With the spread of the pandemic intensity to tier II & III cities in India, where demand can quickly surpass the supply, this technology can go a long way in leveraging the capabilities of experienced critical care specialists for remote management of patients in these areas.

Salient Features:

For Hospitals
Better quarantine policy with virtual 24x7 treatment capabilities
Managing high demand-low supply of healthcare services in Covid-19 crisis
Increasing clinician’s oversight at the bedside
Better bed utilization - Reduced ALOS (30%)

For Patients
Able to stay & get treated in remote setups with best quality of care .
Avoid unnecessary, avoidable exposure during dangerous/expensive transfers

For Practitioners
Ability to stay connected with patients without physical touch

e-ICU Solution for 25 Beds (End to end): 2.25 Cr + GST*
Philips eICU
Technology enabled remote care

01 Cohort & Patient Prioritization
- Cohort and Priority in patient group
- Intensive monitoring for high acuity group – Ventilator care

02 Standardize Care Delivery
- Senior Clinicians/intensivists supporting multi-units/departments
- Facilitate standardized and evidence-based decision making

03 Integrated Insight & Proactive
- Identification of patient deterioration with multi-views
- Support bedside care by experienced resources
- Plan and intervene proactively

OPERATIONAL EFFICIENCY
CLINICAL EXCELLENCE
EXPERIENCE CENTRICITY

Central Surveillance
Clinical Decision Support
General Reviews & 12-Lead ECG Review
Customizable Layout
Patient Census Dashboard
Single Patient Review
PACS

Patient Ventilator & ABGA
2-way Audio/Video
EMR
Philips HTS

Setting up a Covid Hospital
Philips HTS – Setting up a Covid Hospital

Design a COVID Facility and site reconfiguration

Our design team can support planning for new temporary healthcare sites as well as the reconfiguration of existing facilities.

This service includes guidance on:

- **Clinical services**: typical patient journeys, clinical workflows and a capacity planning model.
- **Functional program**: description of typical activities, flows, relationships, operational and workload assumptions for departments and room elements based on patient types.
- **Spatial, design and medical equipment guidance**: spatial planning guidance and designs principles for key unit configurations. Room examples and equipment recommendations. Examples of ICU, diagnostic, staff support and cohort (patient) care units.
For more information on Philips offerings on COVID Management
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