



**Government of West Bengal**  
**Department of Health & Family Welfare**  
**Swasthya Bhawan, Block GN-29, Sector – V, Bidhannagar, Kolkata – 700091**

Memo no. HPH/10P-03/2018/1349

Date : 11<sup>th</sup> May, 2021

To,  
The MSVP  
Superintendents of all Hospitals

**Sub: Adherence to oxygen therapy protocol & CPMS data entry for Covid patients**

Meticulous monitoring of oxygen therapy as per state protocol is the key element of management of Covid patients. Overuse of oxygen is a general tendency which creates artificial crisis. As per State protocol, the oxygen saturation should be maintained at 92-96% ( $94 \pm 2\%$ ) after initial stabilisation of the patient, and there is no benefit by increasing that maintenance level. Doctors must write the appropriate device and initial oxygen flow rate in the prescription, and the on duty sister should monitor the saturation and escalate or de-escalate this to maintain the saturation level at 92-96% ( $94 \pm 2\%$ ).

Further the real time data entry of Covid patients in CPMS portal are essential components for monitoring the overall condition and management of the Covid patients. This helps for identification of critical and dischargeable patients, rational utilization of Oxygen and CCU/ HDU beds by monitoring CPMS score.

Apropos the above mentioned subject, the following measures are to be taken at each Covid Hospital:

- a) One Asst. Superintendent (NM) will be responsible for overall management of supply and stock of the Oxygen in the hospital and see for rational use of oxygen in the Hospital.
- b) One DNS/ Ward Sister to be identified as “**Nursing officer in-charge for Oxygen management**” of all Covid patients in the hospital. She, will in-turn build up the capacity, performs supportive supervision and ensure strict adherence of oxygen management guideline among all staff nurse of the hospital concerned. The floor sisters are hereby empowered to regulate the oxygen concentration by adjusting the volume of oxygen flow to keep the maintenance saturation level at 92-96% ( $94 \pm 2\%$ ) and in case of patients with COPD, Asthma or Chronic lung diseases at 88-92% ( $90 \pm 2\%$ )

- c) One DNS/ Ward Sister must be identified as “**Nursing officer in-charge for CPMS portal management**” for all Covid patients in the hospital. She, will in-turn build up capacity among all staff nurse, perform supportive supervision and ensure regular data collection and entry at CPMS portal. She will also validate the data quality with the help of on-duty medical officer/ Specialist and help the concerned staff nurse/ DEO involved in real time data entry at CPMS portal.
- d) Superintendent of the hospital will personally review both the CPMS data and Oxygen uses and will be overall responsible for implementation of the State protocol on oxygen uses in the Covid Hospital.

All concerned are hereby informed accordingly.

*Shrey 11/05/2021*

**Director of Medical Education  
Govt. of West Bengal**

*Shrey 11/5/21*

**Director of Health Services  
Govt. of West Bengal**