

GOVERNMENT OF NATIONAL CAPITAL TERRITORY OF DELHI
HEALTH & FAMILY WELFARE DEPARTMENT ,
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PH: 011-2339 2017; FAX: 011-2339 2464; e-mail: pshealth@nic.in

No.01/H&FW/COVID-Cell/2020/07/SS4hfw/715

Dated: 10/04/2021

ORDER

Subject: Domiciliary Oxygen support for COVID-19 positive patient discharged from COVID-19 ICU

In continuation to previous orders issued on the subject, it is hereby directed that in addition to the CDMOs, the Medical Directors/Medical Superintendents/Directors of all COVID Hospitals of Govt. of NCT of Delhi are also authorized to issue Oxygen Concentrators to the COVID-19 positive patients discharged from their hospital using the same SOP as prescribed vide order no. 350/DGHS/PHW-IV/COVID-19/Domiciliary Oxy.Support/2020/ 7963-8034 dated 21/08/2020.

This issues with the prior approval of the Hon'ble Minister of Health.


(S M ALI)

SPL. SECRETARY(H&FW)

To,

1. Director, DGHS, GNCTD
2. All MS/MDs/Directors of the Hospitals, GNCTD

No.01/H&FW/COVID-Cell/2020/07

Dated: 10/04/2021

Copy to:

1. Additional Chief Secretary(Power)/Nodal Officer(COVID) , GNCT of Delhi
2. Pr. Secretary(H&FW), GNCT of Delhi.
3. Pr. Secretary (Revenue), GNCT of Delhi
4. OSD Health, GNCT of Delhi
5. Secretary to Lt. Governor, Delhi
6. Secretary(H&FW), GNCT of Delhi.
7. Addl. Secretary to Hon'ble Chief Minister , Delhi
8. Secretary to Hon'ble Minister of Health, Delhi
9. Mission Director, Delhi State Health Mission (DSHM), Delhi
10. OSD to Chief Secretary, GNCT of Delhi
11. All District Magistrates, GNCT of Delhi
12. System Analyst, H&FW for uploading the same on the website.


(S M ALI)

SPL. SECRETARY(H&FW)

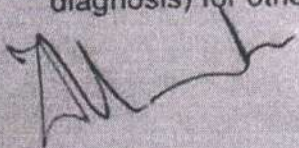
SOPs for Domiciliary Oxygen Support for COVID-19 Positive Patients Discharged from the COVID ICU

1. Domiciliary Oxygen policy will include all patients categorized as SEVERE who are discharged from the COVID ICU (Government/Private Facilities).
2. The District Surveillance team will allot the concerned case to the nearest Delhi Govt. Dispensary (DGD) as per the residential address of the patient.
3. The hospital will ensure that all patients categorized as SEVERE and are discharged from the COVID ICU (Government/Private Facilities) are informed at the time of discharge that, they should contact their nearest Delhi Government Dispensary for a pulse oxymeter.
4. The Delhi Govt. Dispensary, on being approached by such patients will provide a pulse oxymeter at the residence of the patient and not in the dispensary.
5. SpO₂ will be self-monitored by the patient/caregivers every 6 hourly for 14 days after discharge, and a written record to be maintained by the patient for the same (with date and time).
6. If at any point during the 2 week observation period after discharge from ICU.
 - a) Recorded SpO₂<93% in 2 consecutive readings, or
 - b) Recorded SpO₂<93% after 3 minutes of ambulation or
 - c) Nocturnal Hypoxia with SpO₂<93%.

Then, the patient will become eligible candidate for Domiciliary Short Term Oxygen therapy. (STOT)

7. The patient will be provided contact details of concerned Medical Officer in-charge of the Delhi Govt. Dispensary at the time of delivery of pulse oxymeter on which the patients will inform in case of above observation mentioned at point 6.
8. A dedicated primary care team at the dispensary level will initially visit the patient and assess his need for oxygen concentrator.
9. For issuing of oxygen concentrator, Voter I-Card which serves as the proof of normal residence of the person is to be obtained from the patients/care giver as a pre-requisite. In case of minors, the parents Voter I-Card Identity proof would suffice. The oxygen concentrator will be issued after physical inspection of place of stay and relevant proof of residence obtained from the concerned person/owner.

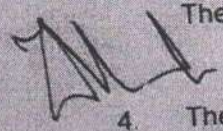
- COVID-19
10. In case the need is established, the DGD Medical Officer will supervise and ensure the installation and maintenance of the oxygen concentrators at patient's home with assistance of the team. The team will also provide educational leaflets and explanation/precautions about the operation of the machine and fire hazard to the patients/caregivers which is being finalized in consultation with the technical team.
 11. The patients are to be provided contact details of the concerned person to be contacted in case of any issue or breakdown of the machine by the concerned primary care team.
 12. The said team will also keep follow up of all the patients started on Short Term Oxygen Therapy (STOT) by tele-presence on a daily basis and by weekly physical visits. This is to be done till supplementation is no more required or 2 months period, whichever is earlier.
 13. The DSO/CDMO of the district will be monitoring the distribution of oxygen concentrators. To facilitate distribution, 10 oxygen concentrators will be placed at the CDMO office of each district and 2 oxygen concentrators will be placed at each DGD.
 14. Maximum duration for which the concentrator will be loaned to a patient under this policy is 2 months, post which the concentrators will have to be returned to the concerned facility. If oxygen therapy is required after 2 months, then the patient will be re-evaluated by a physician and will be prescribed on Long Term Oxygen Therapy (LTOT) as per existing Government policy of pre-COVID pandemic period.
 15. Also, this policy will not include patients already on LTOT (before COVID-19 diagnosis) for other co-existing pulmonary illness.



Operational Guide for Medical Officers(Domiciliary Oxygen Support for COVID-19 positive patients discharged from COVID ICU)

1. The Delhi Govt. Dispensary on being approached by such patients, who are discharged from COVID ICU and were categorized as SEVERE, will be provided with a pulse oxymeter at the residence of the patient and not in the dispensary.
2. SpO₂ will be self-monitored by the patient/ caregivers every 6 hourly for 14 days after discharge, and a written record to be maintained by the patient/caregivers for the same (with date and time).
3. If at any point during the 2-week observation period after discharge from ICU,
 - a) Recorded SpO₂ < 93% in 2 consecutive readings, or
 - b) Recorded SpO₂ < 93% after 3 minutes of ambulation, or
 - c) Nocturnal Hypoxia with SpO₂ < 93%

Then, the patient will become eligible candidate for Domiciliary Oxygen Therapy.

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4. The patient is required to visit the concerned Delhi Government Dispensary, where he/she will be evaluated and examined by the medical officer. The work up is to rule out any alternative cause of fall in oxygen saturation e.g. cardiac failure etc., before the prescription of use of oxygen concentrator.
 5. In case the patient is suffering from any pre-existing pulmonary illness, then the patient is required to be referred to a specialist, for expert evaluation and prescription, if needed.
 6. Also, this policy will not include patients already on Long-Term Oxygen Therapy (LTOT) (before COVID-19 diagnosis) for other co-existing pulmonary illness.
 7. On prescription, the oxygen concentrator will be delivered at home, during the working hours, same day or next day. In case the patient faces any difficulty till the delivery of oxygen concentrator at his/her home, he/she is to be advised to immediately contact 102 and shift to a non-COVID Hospital.

8. In case the need is established, the DGD medical officer will supervise and ensure the installation and maintenance of the oxygen concentrators at patient's home with assistance of the team. The delivery team will also provide educational leaflets and explanation/ precautions about the operation of the machine and fire hazard to the patients/ caregivers.

9. The Oxygen concentrators though are of different manufacturers, but the basic operations are almost similar, and a for quick reference, kindly refer to the video link https://www.youtube.com/watch?v=3UUYF_YeF4_3SI=11s

Basic Points to be taken care of are:

- a. Check that the Plug is Indian Type
- b. Advise patient to fill Humidifier to appropriate level, before starting the machine
- c. The air filter needs to be checked every 15 days
- d. Explain in detail how to attach and use the nasal cannula
- e. Power On/Off and Flow meter functioning to be explained in detail
- f. Regular O2 saturation monitoring to be done, while using the concentrator

10. The use of oxygen concentrators should be with caution, due to the fact that oxygen is highly inflammable. Hence, the equipment should always be kept away from inflammable objects/sources and similar caution should be kept in mind while operating the machine.

11. The patient needs to self titrate the flow rate to reach target O2 saturation of 96%. Discontinuation of concentrator should be done if Target O2 saturation is reached and maintained on room air for 72 hours. The above procedure is to be repeated, whenever the saturation fall below 93%, as per the observation described in Point (3).

12. The patients are to be provided contact details of the concerned person to be contacted in case of any issue or breakdown of the machine, by the concerned primary care team.

13. The DGD team will also keep follow up of all the patients started on domiciliary oxygen therapy, by tele-presence on a daily basis, and by weekly physical visits. This is to be done till supplementation is no more required or 2 months period, whichever is earlier.

14. Maximum duration for which the concentrator will be loaned to a patient under this policy is 2 months, post which the concentrators will have to be returned to the concerned facility. If oxygen therapy is required after 2 months, then the patient will be re-evaluated by a physician and will be prescribed on LTOT as per existing government policy of pre-COVID pandemic period.

GOVT. OF NCT OF DELHI
DIRECTORATE GENERAL OF HEALTH SERVICES

Public Health Wing-IV

3rd Floor, DGD Building, School Block, Shakarpur, Delhi-110092

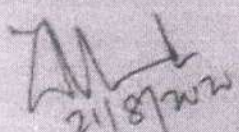
e-mail: idsdpdelhi7@gmail.com, Ph No: 011-22482016

F.No.350/DGHS/PHW-IV/COVID-19/Domiciliary Oxy. Support/2020/7963-2034 Dated: 21/8/2020

Sub: Domiciliary Oxygen Support for COVID-19 Positive Patients Discharged from COVID-19 ICU.

I am directed to convey the approval of Competent Authority regarding the Domiciliary Oxygen Support for COVID-19 positive patients discharged from COVID-19 ICU

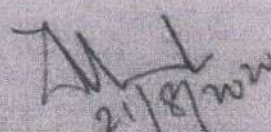
The Standard Operating Procedures (SOPs) and the Operational Guide for Medical Officers are enclosed as Annexure-I & II respectively.


Dr. Z.S.K. Marak
Addl. Dir. (PHW-IV)
DGHS, GNCTD

F.No.350/DGHS/PHW-IV/COVID-19/Domiciliary Oxy. Support/2020/7963-2034 Dated: 21/8/2020

Copy to:

1. MD/MS of all Government COVID-19 Hospitals (Delhi Government/Central Government/Railway/Army/Autonomous/Hospitals under Local Bodies).
2. MD/MS Caretaker of all Private COVID-19 Hospitals through MS (NH) DGHS, GNCTD
3. DMs (All Districts, GNCTD)
4. CDMOs (All Districts, GNCTD)
5. OSD to Hon'ble MoH, GNCTD
6. DSOs (All Districts, GNCTD)
7. All DGD In-charges through respective CDMOs.
8. SMO, WHO NPSP, Delhi
9. PS to Pr. Secy. (H&FW), GNCTD
10. PS to DGHS, GNCTD


Dr. Z.S.K. Marak
Addl. Dir. (PHW-IV)
DGHS, GNCTD