

Let's Understand the use of Remdesivir

Some facts regarding Remdesivir

TOTI-26/04/2021

Government of India has granted Emergency Use Approval for use of Remdesivir for COVID-19

This drug is not indicated in all COVID-19 patients

Remdesivir gives best results in patients having respiratory rate of 24 – 30 / minute, oxygen saturation < 90% and who are within 5 – 7 days of onset of symptom/s

This drug has shown to decrease the duration of hospital stay but the evidence regarding its effect on decreasing mortality or viral replication is weak.

There is no evidence to prove that the drug prevents progression of mild cases to moderate and severe form.

When to use Remdesivir

- Oxygen saturation <90%
- CT severity score is more than 20/40 or 12/25
- Within 9 days of onset of symptom

When is Remdesivir not required / indicated

- Asymptomatic COVID-19 cases
- Mild or Moderate COVID-19 cases not requiring supplemental oxygen
- Having Renal and Hepatic disease / dysfunction

An appeal by renowned doctors of medical association for judicious use of Remdesivir

- Shortage of Remdesivir is due to MISUSE, OVERUSE AND HOARDING of the drug.
- Do not panic and do not start Remdesivir on self-suggestion without advice of the expert doctor.
- Use Remdesivir after appropriate advice from and under strict supervision of expert doctors.

"Remdesivir is not a lifesaving drug. Don't unnecessary run after it."

Dr. Atul Patel

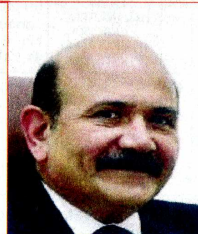
Sr. Expert of Infectious disease and member of State Covid Task Force



"Every COVID patient does not require Remdesivir. Patients who require it, should take it after appropriate advise of expert doctor."

Dr. V.N. Shah

Sr. Diabetologist and member of State Covid Task Force



"Remdesivir can have side effects. This medicine should be taken under strict supervision of doctors in hospital."

Dr. Trushar Patel

Critical Care Expert and member of State Covid Task Force



Department of Health and Family Welfare, Government of Gujarat

26/04/21



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Government of Gujarat

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Necessary guidance regarding Remdesivir usage

According to WHO..

It is not established that with the use of Remdesivir, we can reduce the mortality rate, reduce treatment time or reduce the use of ventilators. **It is also not certain that Remdesivir has any impact on viral clearance** or not.

AIIMS says..

Remdesivir can only be used on patients with very serious and medium symptoms. **It is not preferable to use Remdesivir in normal circumstances.**

When to use Remdesivir? This is what eminent doctors prescribe

It is not advisable to give Remdesivir to patients with no symptoms of Covid or with normal symptoms

- When oxygen level of patient is below 94 percent
- Even after 3-4 days of treatment, patient has high grade fever and when the amount of C-Reactive Protein (CRP) is increased
- When weakness is combined with constant diarrhea
- When patient gets exhausted or breathes heavily even in normal activities
- If breathing movement increases (if it crosses more than 24 per minute)
- If patient is more than 50 years of age and CRP, d-dimer, Ferritin has increased due to Covid
- If earlier the X-ray was normal but after that Ground-glass opacity is observed in lungs
- If NLR is > 3.5 along with Lymphopenia

Among above mentioned points, Remdesivir can be used in special cases on the prescription from pulmonologists, child specialists, expert physicians and doctors expert in the treatment of infectious diseases

Kindly do not ask for the use of Remdesivir just due to panic from Covid, it has to be used in particular cases
-Dr. Tejas Patel, Cardiologist

Remdesivir is not a life saving drug, so do not use it unless necessary.
-Dr. Atul Patel, Infectious disease specialist

State Government will strictly deal with those involved in illegal storage and black marketing of Remdesivir injections

Department of Health and Family Welfare, Government of Gujarat