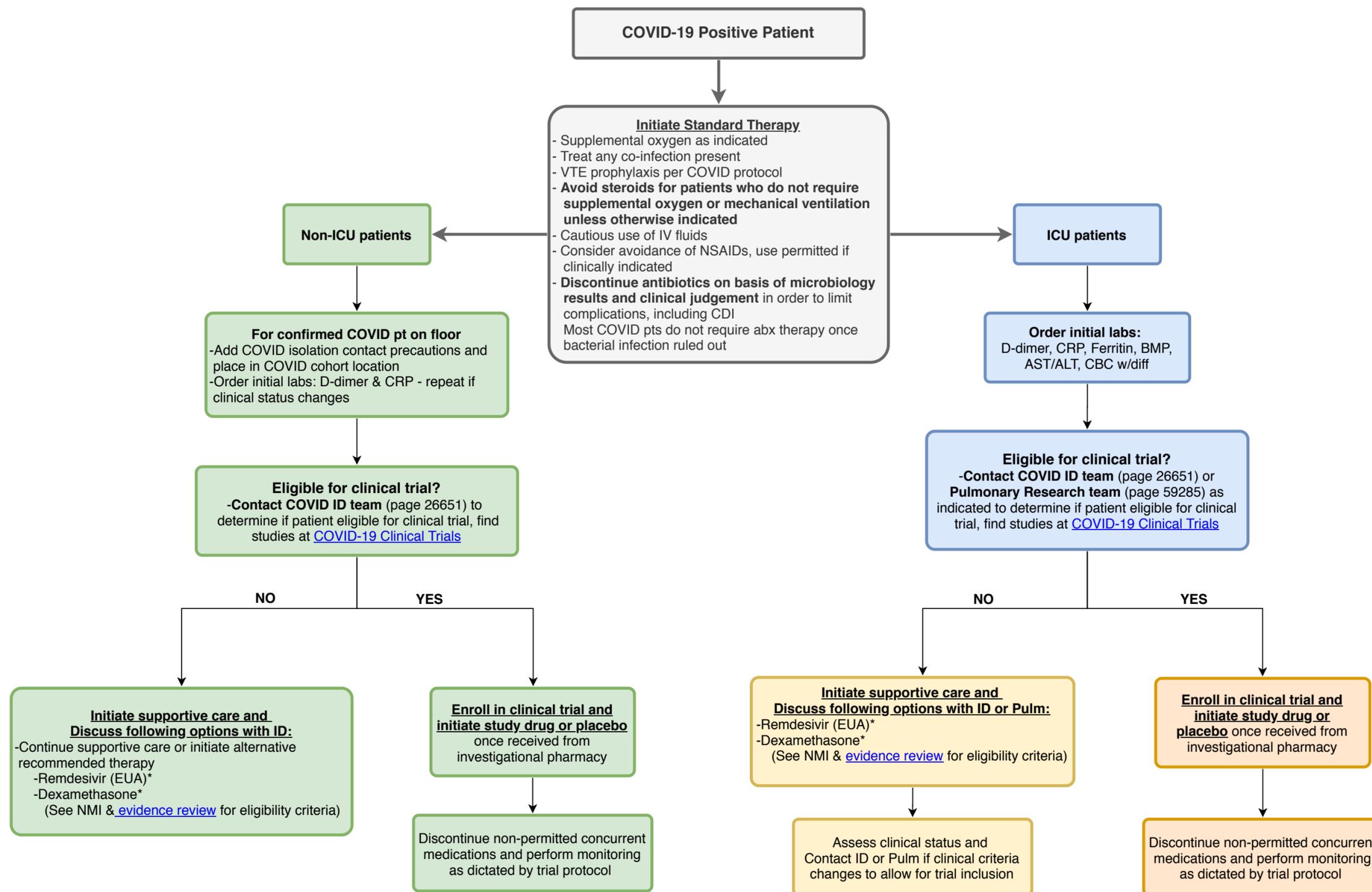




# Northwestern Medicine Clinical Treatment Pathway for Inpatients with COVID-19 | Northwestern Memorial Hospital

Developed 3/20/20 | Updated 10/12/2020



## Therapy Dosing Recommendations:

\*indicates use of dosing regimens below

**-Remdesivir (EUA):** 200mg IV on day 1 followed by 100mg IV daily on days 2-5 while hospitalized. Courses may be extended up to 10 total days in immunocompromised patients and patients who progress to requiring mechanical ventilation or develop worsening hypoxemia

### NMH updated EUA remdesivir criteria (as of 10/5):

- Hospitalized patients with suspected or confirmed COVID-19
  - Hypoxemic with SpO<sub>2</sub><94% on room air or requiring supplemental oxygen
  - ALT < 5x ULN
  - Immunosuppression\*
- ID consult recommended for remdesivir use in suspected COVID-19 despite negative PCR

\*Immunosuppression defined as pts with any of the following:

- ≥20 mg/day prednisone (or equivalent) for at least 2 weeks
- Organ transplant receiving immunosuppressive medications
- Cancer patients on chemotherapy or those with hematological malignancies

**-Dexamethasone:** -Recommended in ICU patients requiring mechanical ventilation or supplemental oxygen who are >7 days from symptoms onset  
**-Consider using in non-ICU patients requiring supplemental oxygen who are >7 days from symptom onset** (consider discussion with pulmonary/critical care)  
Not recommended in pts who do not require supplemental oxygen, less than 7 days from symptom onset, pts with ARDS > 14 days.

**Dexamethasone 6 mg IV or PO daily for up to 10 days** (or until discharge)

### -Convalescent Plasma (EUA): Currently unavailable.

1-2 units (200-500ml) IV transfusion once. Managed by blood bank.  
- FDA EUA Fact Sheet for [Healthcare Providers](#) and [Patients](#)

## Clinical Trial Agent Dosing:

**-Remdesivir:** 200mg IV on day 1 followed by 100mg IV daily for a total of 5 or 10 days (determined by PI)

**-Interferon beta- 1a:** 44 mcg subcutaneous injection every other day for a total of 4 doses (day 1, 3, 5, and 7 while hospitalized)

NMH Antimicrobial Stewardship available for dosing questions pg55955