

Early intervention in COVID-19 may reduce



Impact on underlying conditions¹⁻³

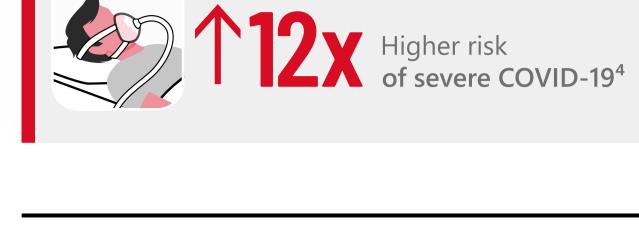


Risk of severe illness⁴⁻⁷and long COVID8,9



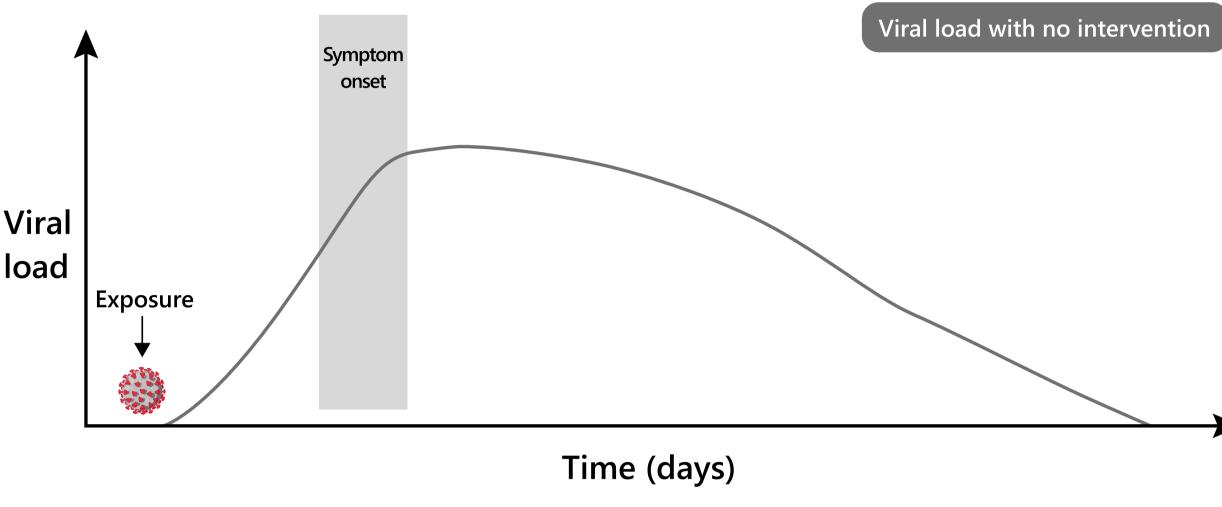
Risk of transmission and prevent outbreaks^{10–12}

Delaying response for COVID-19 increases the risk of hospitalization and mortality^{12,13} and is associated with





Antiviral intervention is most effective early in the viral replication cycle¹⁴⁻¹⁶ Following viral infection, viral load peaks early, driving symptoms and high transmissibility¹⁶



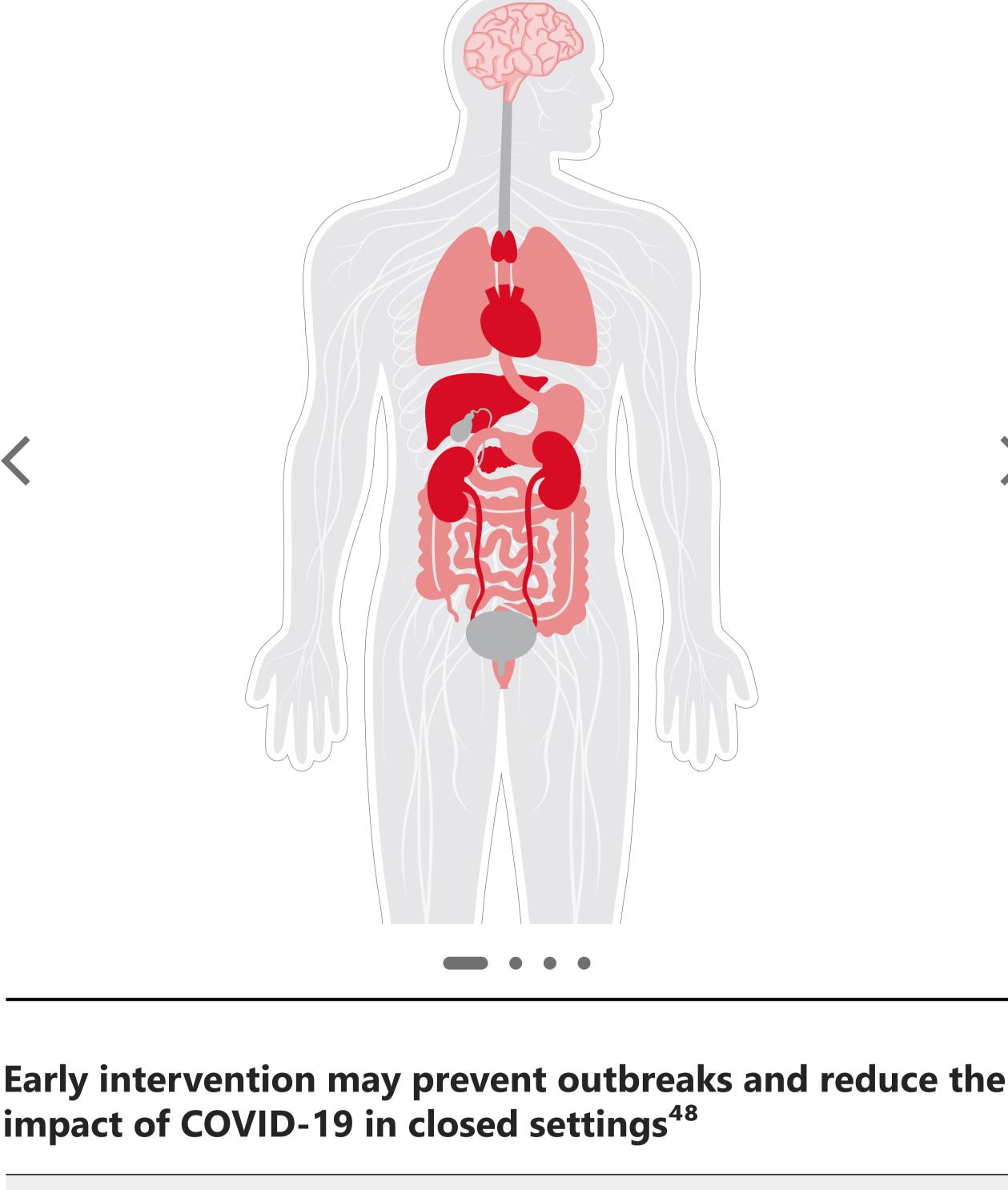
Chronic **New-Onset All Systems** Long COVID **Conditions Diseases**

Early intervention may reduce the clinical complications

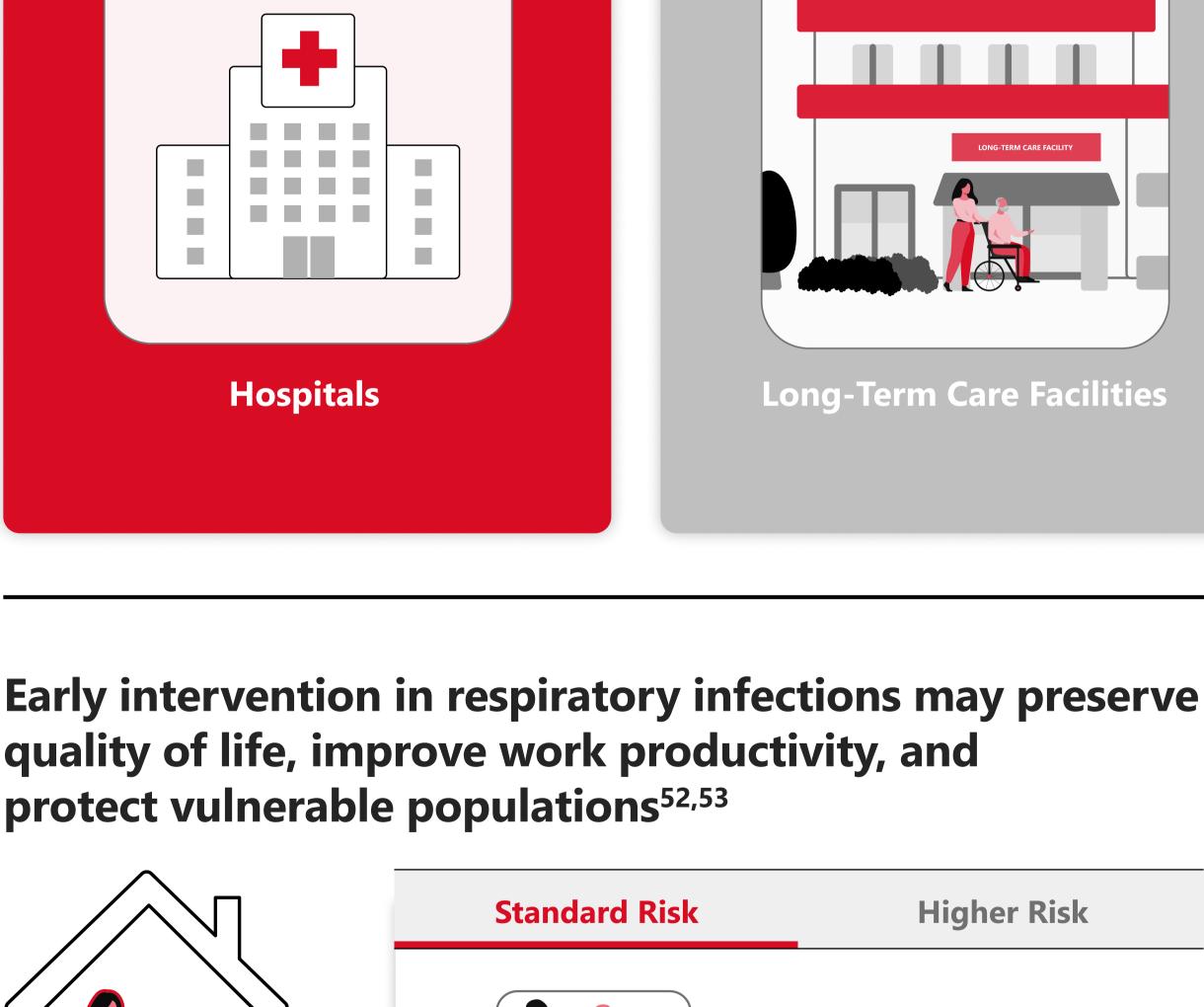
COVID-19 does not just impact the lungs; it disrupts multiple organ systems,

associated with COVID-194,5,12,13

including the cardiovascular, neurological, renal, and gastrointestinal systems²⁰



Flip the cards to learn about the importance of early intervention to control **COVID-19** outbreaks in hospitals and long-term care facilities (LTCFs):



Healthcare Settings



Non-healthcare Settings

4

Decreased work time and productivity due to illness and caregiving demands^{54,55} **Higher economic burden**

Healthcare workers

with higher-risk individuals

(HCWs)

Caregivers

Patients living

OAV, oral antiviral; PEP, post-exposure prophylaxis; SARS-CoV-2, severe acute respiratory syndrome coronavirus 2; US, United States.

absenteeism among HCWs⁵⁶ HCWs face delays in

in LTCFs⁵⁷

due to workforce

accessing timely antiviral

treatment for residents

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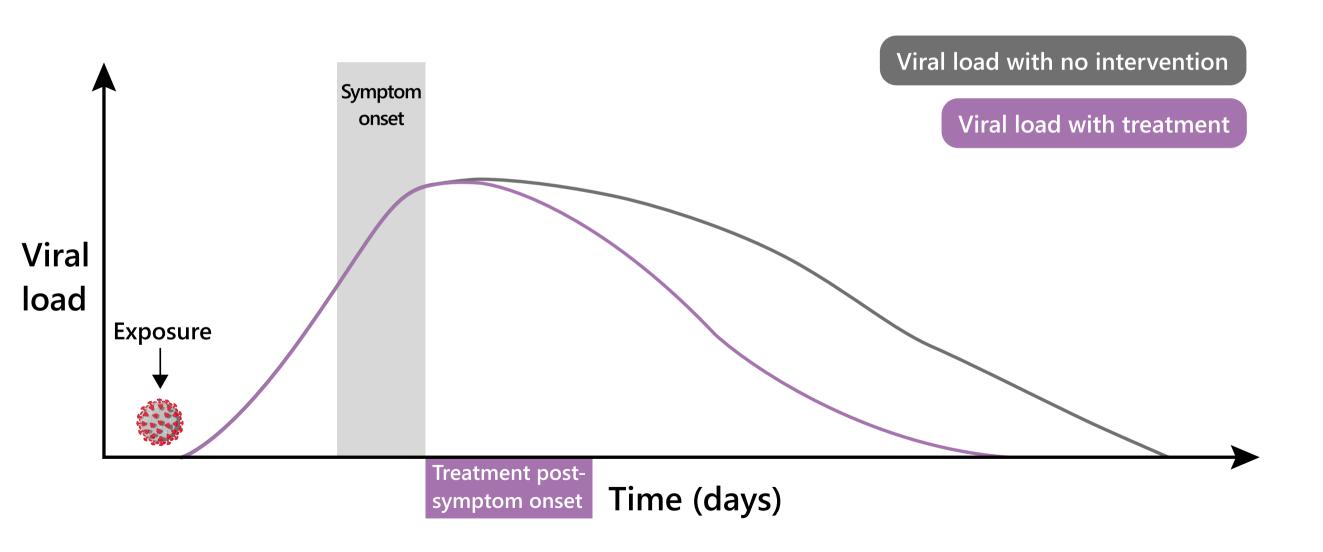
Abbreviations: COVID, coronavirus disease; COVID-19, coronavirus disease ED, emergency department 2019; HCWs, healthcare workers; ICU, intensive care unit; LTCF, long-term care facility;

References: 1. Chu WM, et al. EClinicalMedicine. 2024;72:102620; 2. Wang W, et al. BMC Med. 2024;22(1):117; 3. Cai H, et al. Antiviral Res. 2023;216:105659; 4. Wu J, et al. J Intern Med. 2020;288(1):128-138; 5. Platzer M, et al. Wien Klin Wochenschr. 2024;136(15-16):458-464; 6. Hammond J, et al. N Engl J Med. 2022;386(15):1397-1408; 7. Colaneri M, et al. Int J Infect Dis. 2024;149:107265; 8. Jiang J, et al. J Infect. 2024;89(2):106190; 9. Drysdale M, et al. Infection. 2025;doi:10.1007/s15010-025-02505-z; 10. Lin SN, et al. Infect Dis Poverty. 2021;10(1):53; 11. Bai Y, et al. Emerg Infect Dis. 2024;30(2):262-269;

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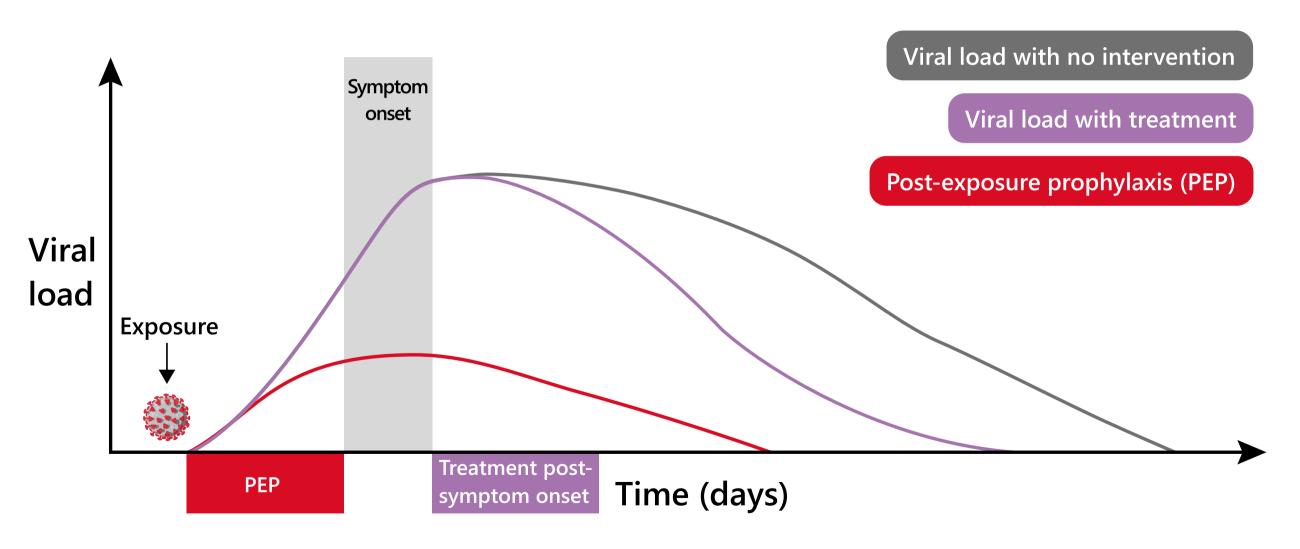
Antiviral intervention is most effective early in the viral replication cycle¹⁴⁻¹⁶

Initiating treatment after symptom onset has a low impact on the viral clearance¹⁴



Antiviral intervention is most effective early in the viral replication cycle¹⁴⁻¹⁶

Post-exposure prophylaxis (PEP) administered immediately after exposure may suppress viral load, ¹⁷ reduce secondary household transmission, and slow community spread ^{18,19}



Early intervention may reduce the clinical complications associated with COVID-19^{4,5,12,13}

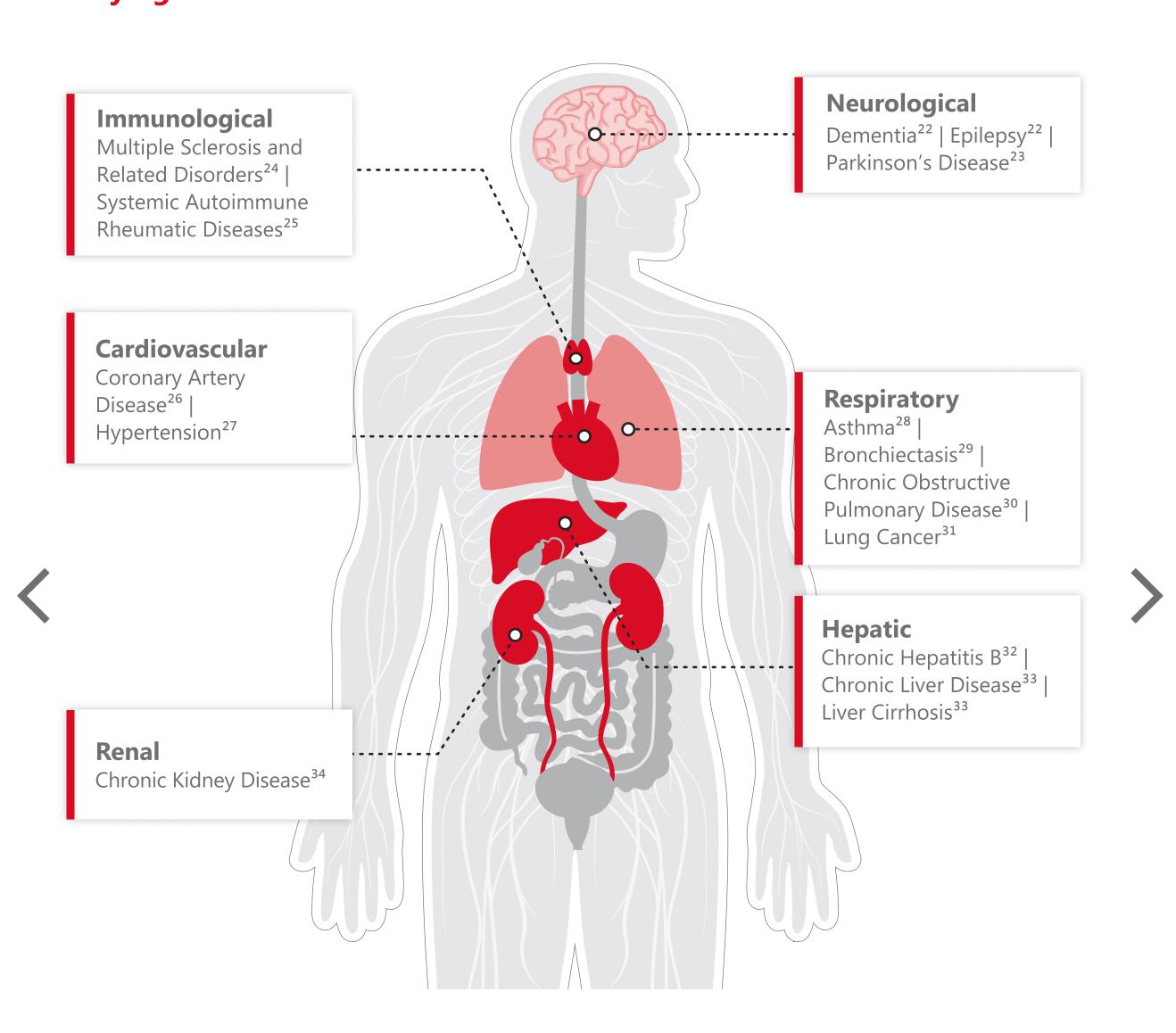
All Systems

Chronic
Conditions

New-Onset
Diseases

Long COVID

Early antiviral treatment may be beneficial to individuals with underlying comorbid conditions^{1-3,21}



Even patients with mild COVID-19 may experience exacerbation of pre-existing chronic conditions³⁵⁻³⁷

Early intervention may reduce the clinical complications associated with COVID-19^{4,5,12,13}

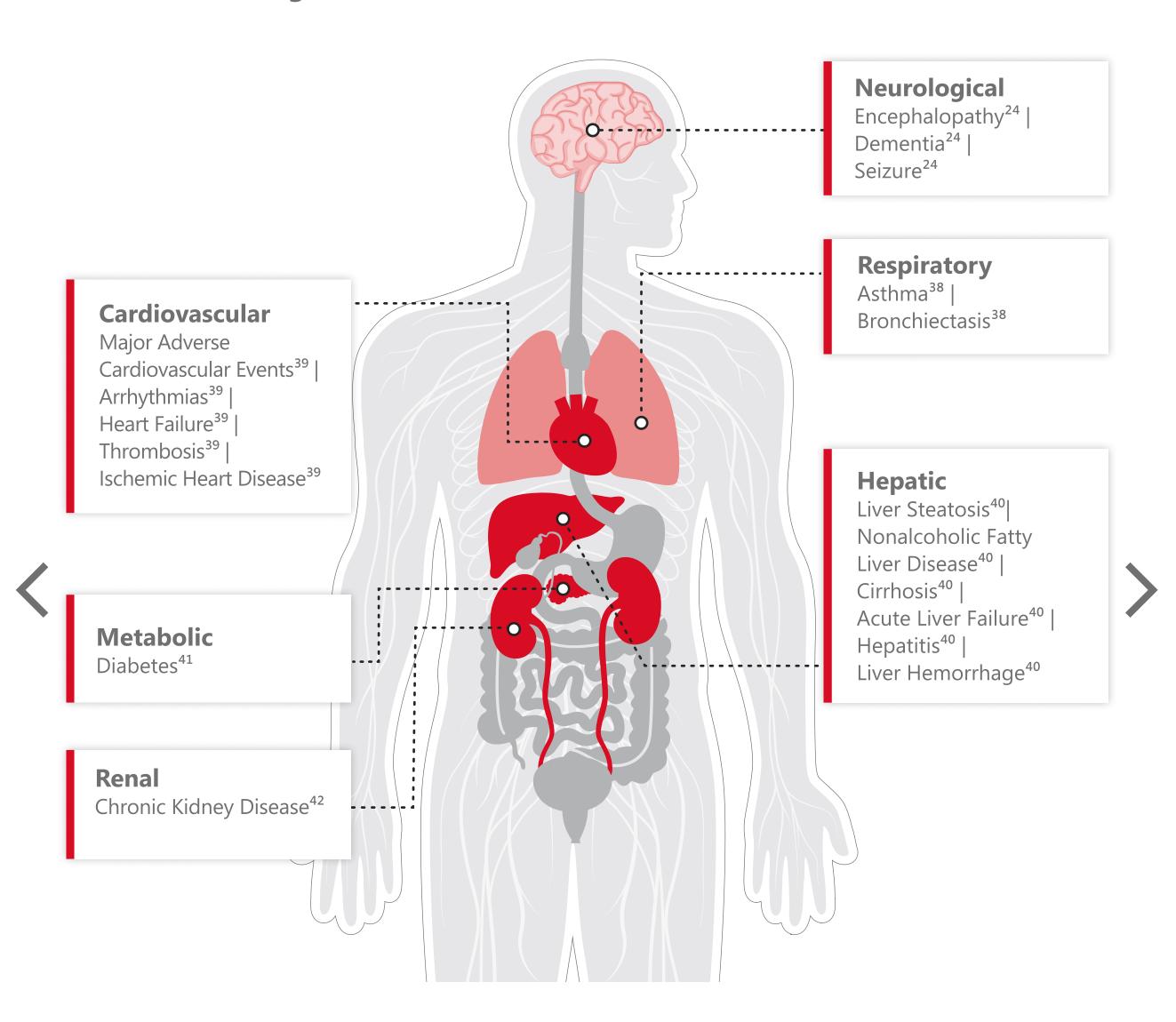
All Systems

Chronic
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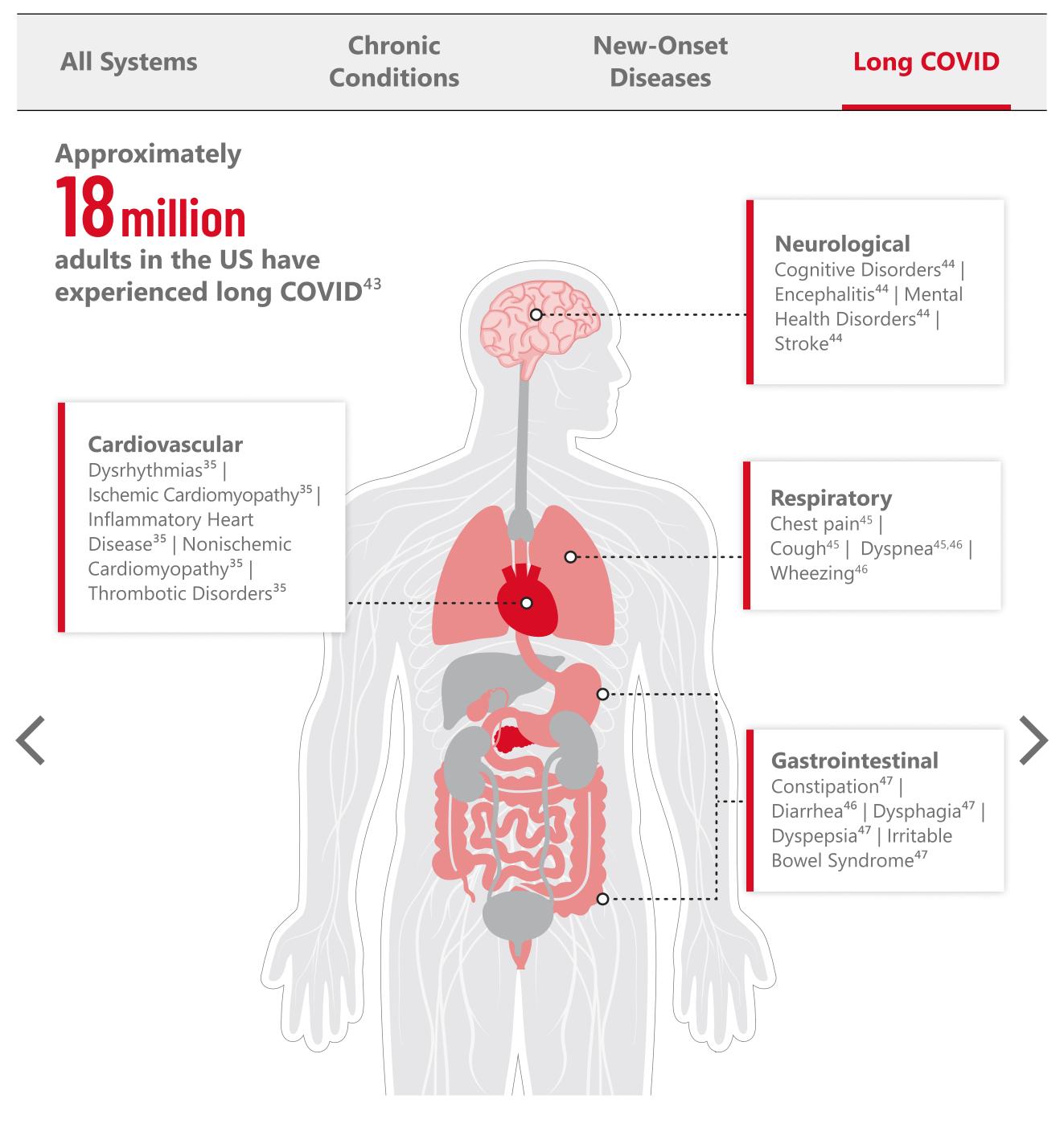
Long COVID

Patients with COVID-19 may experience new-onset, relapsing, or remitting conditions following their infection



Early antiviral intervention may reduce the risk of new-onset diagnoses following acute COVID-19²

Early intervention may reduce the clinical complications associated with COVID-19^{4,5,12,13}



Early antiviral treatment during acute COVID-19 may reduce the risk of long COVID and related clinical outcomes^{8,9}

Early intervention may prevent outbreaks and reduce the impact of COVID-19 in closed settings⁴⁸

Healthcare Settings

Non-Healthcare Settings

Flip the cards to learn about the importance of early intervention to control **COVID-19 outbreaks in hospitals and long-term care facilities (LTCFs):**





Hospitals

Hospital-onset SARS-CoV-2 infection is linked to:





>2x Higher risk of in-hospital death with hospital-onset infection⁵⁰





of COVID-19 deaths occurred in LTCFs⁵¹

Early intervention for COVID-19 was associated with a reduction in:

Risk of hospitalization⁴⁸

Inpatient disease up to 83% progression among nursing home residents⁴⁸

Early intervention may prevent outbreaks and reduce the impact of COVID-19 in closed settings⁴⁸

Healthcare Settings

Non-Healthcare Settings

Schools, Universities, and Offices



Hotels, Resorts, and Cruise Ships



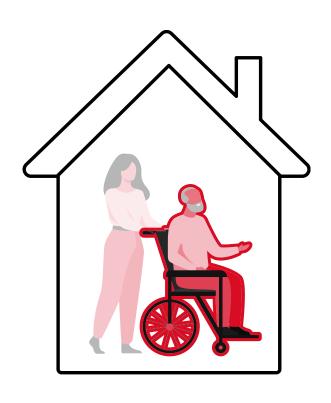
Detention Centers



Military Barracks



Early intervention in respiratory infections may preserve quality of life, improve work productivity, and protect vulnerable populations^{52,53}



Standard Risk

Higher Risk



Early OAV administration of COVID-19 compared to placebo showed:



89% reduced risk of progression to severe disease⁶

- Adults ≥50 years old⁵⁸
- Individuals with
 ≥1 underlying
 comorbidities⁵⁸
- Not up-to-date on vaccinations⁵⁸



87% lower risk of **hospitalization** or **mortality**⁵⁹



22% reduction in risk of **ED visits**⁶⁰