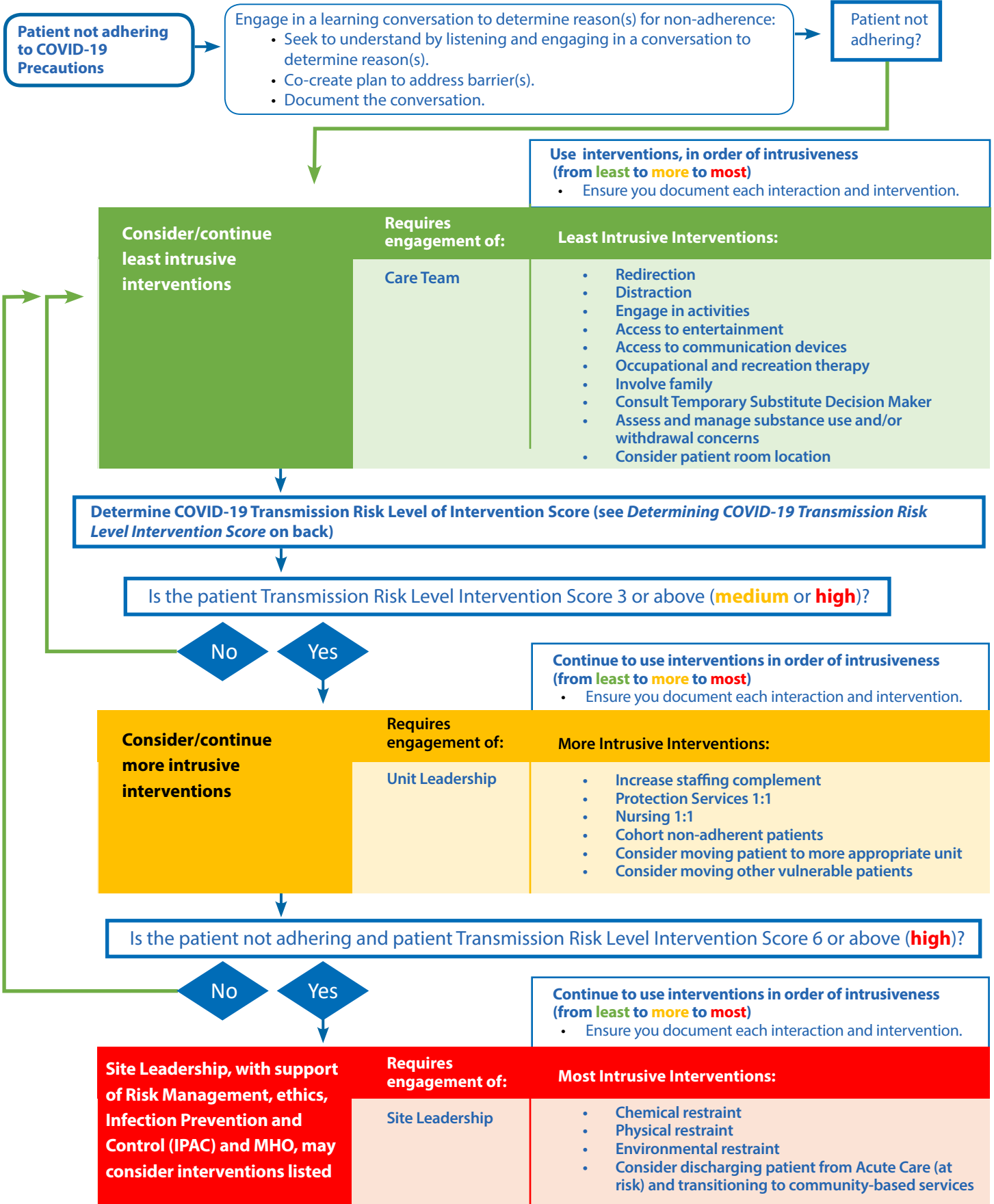


# COVID-19: Assessing Transmission Risk and Determining Appropriate Level of Intervention



Tool to help staff reduce risk when patients with suspected or confirmed COVID-19 are not adhering to infection prevention and control precautions in Acute Care settings.



# Determining COVID-19 Transmission Risk Level Intervention Score



Patients who do not adhere to COVID-19 precautions pose a risk to other patients and staff. The level of risk that they pose depends on how likely it is that they have COVID-19 and how vulnerable the particular unit is. To help determine the appropriate level of intrusiveness of strategies we need to be able to articulate the level of risk they pose. The most intrusive interventions would only be considered for the very highest risk, and require engagement of Site Leadership (or after hours CSO, Manager and Director on Call)

To calculate the COVID-19 Transmission Risk Level Intervention Score, determine:

**Likelihood.** What is their **COVID-19 Transmission Risk Category**, as determined by the *Acute Care Adult In-Patient Precautions, Activities & Restrictions* tool.  
(**Low-1, Med-2, High-3**)?

**Impact.** Your **Unit Vulnerability Score** has been determined by Operational Leadership to reflect the specific Vulnerability of your unit to a patient with COVID-19. It considers Environmental Factors, Patient Population Factors and Staff Factors. Most Acute Care Inpatient Units will be assigned a Unit Vulnerability Score of 2 or Medium. Few units, such as a COVID-19 Cohort unit, may have lower vulnerability scores as all patients already have COVID-19 and staff are in appropriate PPE at all times. Certain specific units may be assigned higher vulnerability scores for specific reasons.

This score does not reflect all individual patients on the unit. Keep in mind that moving a particularly vulnerable patient off a unit with a patient not adhering to COVID-19 precautions may also be appropriate.

|  |                                  | Likelihood<br>(IPAC Transmission Risk Category) |                                    |                                  |
|--|----------------------------------|---|------------------------------------|----------------------------------|
|  |                                  | Low<br>Transmission Risk<br>(1)                 | Medium<br>Transmission Risk<br>(2) | High<br>Transmission Risk<br>(3) |
| Impact<br>(Unit<br>Vulnerability<br>Score) | Low<br>Unit Vulnerability (1)    | 1   | 2                                  | 3                                |
|  | Medium<br>Unit Vulnerability (2) | 2   | 4                                  | 6                                |
|  | High<br>Unit Vulnerability (3)   | 3   | 6                                  | 9                                |

**Likelihood x Impact =**  
**COVID-19 Transmission Risk Level Intervention Score**

Example: High (3) Likelihood x Medium (2) Impact = High (6) Transmission Risk Level Intervention Score

### Total | Score

- 1-2 **Low**
- 3-4 **Medium**
- 6-9 **High**

Return to front page with the determined **Transmission Risk Level Intervention Score**