Table 1: Pneumonia (PNA)

Criterion	Need ALL 3 Criterion
1	Chest X-Ray Positive for one of the following:
	New Infiltrate
	New Consolidation
	Other finding consistent with pneumonia
2	At least 1 of the following:
	• Single temperature >37.8°C (>100°F) or Repeated temperatures >37.2°C
	(99°F) or Single temperature >1.1°C (2°F) over baseline
	• Leukocytosis > 10,000 leukocytes/mm³ or Left shift (6% bands or ≥1,500 bands/mm³)
	• Acute Change in Mental Status from baseline defined as at least 1 of the
	following: 1) Fluctuating behavior 2) Inattention 3) Confusion/disorganized thinking and/or 4) Altered consciousness
	• Acute Functional Decline from baseline defined as an acute decline in at
	least 1 activity of daily living as listed below:
	o Bed mobility
	o Dressing
	o Eating
	 Locomotion within facility
	o Personal hygiene
	o Toilet Use
	o Transfer/fall
3	At least 1 of the following:
	New or increased cough
	New or increased sputum production
	New or increased shortness of breath
	• O2 saturation < 94% on room air (RA)
	• Reduction in O2 saturation of > 3% from baseline
	• New or changed lung examination (specifically, abnormal lung exam, rales,
	crackles, wheezing, rhonchi)
	Pleuritic chest pain
	• Respiratory rate > 24 breaths/minute

Pneumonia (PNA)

Chest X-Ray is **Positive** for one of the following:

- New Infiltrate
- New Consolidation
- Other new finding consistent with

If Chest X-Ray is **Negative** for pneumonia or **Not Performed**, go to the Lower Respiratory Tract Infection Algorithm (LRTI)

At least 1 of the following:

- Single temperature >37.8°C (>100°F) or Repeated temperatures >37.2°C (99°F) or Single temperature >1.1°C (2°F) over baseline
- Leukocytosis > 10,000 leukocytes/mm³ or Left shift (6% bands or ≥1,500 bands/mm³)
- Acute Change in Mental Status from Baseline (see side box*)
- Acute Functional Decline from baseline: Must have an acute decline in at least 1 activity of daily living (see side box**)

*Change in Mental Status from Baseline: Must have at least 1 of the following:

- Fluctuating behavior
- Inattention
- Confusion/disorganized thinking
- Altered consciousness

**Acute Functional Decline from baseline: Must have an acute decline in at least 1 activity of daily living as listed below.

- Bed mobility
- Dressing
- Eating
- Locomotion within facility
- Personal hygiene
- Toilet Use
- Transfer/fall

At least 1 of the following:

- New or increased cough
- New or increased sputum production
- New or increased shortness of breath
- O2 saturation < 94% on room air (RA)
- Reduction in O2 saturation of > 3% from baseline
- New or changed lung examination (specifically, abnormal lung exam, rales, crackles, wheezing, rhonchi)
- Pleuritic chest pain
- Respiratory rate > 24 breaths/minute

Pneumonia Criteria Met

Table 2: Lower respiratory tract infection (LRTI)

Criterion	Need ALL 3 Criterion
1	Chest X-Ray is not performed <u>or</u> Negative for one of the following: • New Infiltrate
	New Consolidation
	Other new finding consistent with pneumonia
2	At least 1 of the following: • Single temperature >37.8°C (>100°F) or Repeated temperatures >37.2°C (99°F) or Single temperature >1.1°C (2°F) over baseline
	• Leukocytosis > 10,000 leukocytes/mm³ or Left shift (6% bands or ≥1,500 bands/mm³)
	 Acute Change in Mental Status from Baseline defined as at least 1 of the following: 1) Fluctuating behavior 2) Inattention 3) Confusion/disorganized thinking and/or Altered consciousness Acute Functional Decline from baseline defined as an acute decline in at least 1 activity of daily living as listed below: Bed mobility Dressing Eating Locomotion within facility Personal hygiene Toilet Use Transfer/fall
3	At least 2 of the following: New or increased cough New or increased sputum production New or increased shortness of breath O2 saturation < 94% on RA Reduction in O2 saturation of > 3% from baseline New or changed lung examination (specifically, abnormal lung exam, rales, crackles, wheezing, rhonchi) Pleuritic chest pain Respiratory rate > 24 breaths/minute

Figure 2: Lower Respiratory Tract Infection (LRTI)

exam, rales, crackles, wheezing, rhonchi)Respiratory rate > 24 breaths/minute

Lower Respiratory Tract Infection

If Chest X-Ray is **Negative** for pneumonia or **Not Performed** If Chest X-Ray is **Positive** for findings consistent with pneumonia, go to the Pneumonia (PNA) Algorithm At least 1 of the following: *Change in Mental Status from • Single temperature >37.8 °C (>100 °F) or Baseline: Must have at least 1 of the following: Repeated temperatures >37.2°C (99°F) or Single temperature >1.1°C (2°F) over • Fluctuating behavior baseline • Inattention • Leukocytosis > 10,000 leukocytes/mm³ or Left • Confusion/disorganized thinking shift (6% bands or $\geq 1,500$ bands/mm³) • Altered consciousness • Acute Change in Mental Status from Baseline (see side box*) *Acute Functional Decline from • Acute Functional Decline from baseline: Must baseline: Must have an acute have an acute decline in at least 1 activity of decline in at least 1 activity of daily living (see side box**) daily living as listed below. • Bed mobility • Dressing At least 2 of the following: • Eating • Locomotion within facility New or increased cough • Personal hygiene • New or increased sputum production • Toilet Use • New or increased shortness of breath • Transfer/fall • O2 saturation < 94% on RA • Reduction in O2 saturation of > 3% from baseline • New or changed lung examination • Pleuritic chest pain (specifically, abnormal lung **Revised Lower Respiratory Tract Infection Criteria**

Table 3: Influenza like Illness (ILI)

Criterion	At least one of the following positive viral test results
1	Positive Influenza viral test result
	 Positive Respiratory Syncytial Virus (RSV) test result
	 Positive Human metapneumovirus (hMPV) test result
Or	
Criterion	Must meet criterion 1 and 2
1	At least 1 of the following:
	• Single temperature >37.8°C (>100°F) or Repeated temperatures >37.2°C
	(99°F) or Single temperature >1.1°C (2°F) over baseline
2	At least 3 of the following influenza-like illness sub criteria
	• Chills
	New headache or eye pain
	 Myalgias or body aches
	Malaise or loss of appetite
	Sore throat
	New or increased dry cough

Figure 3: Influenza-like Illness (ILI)

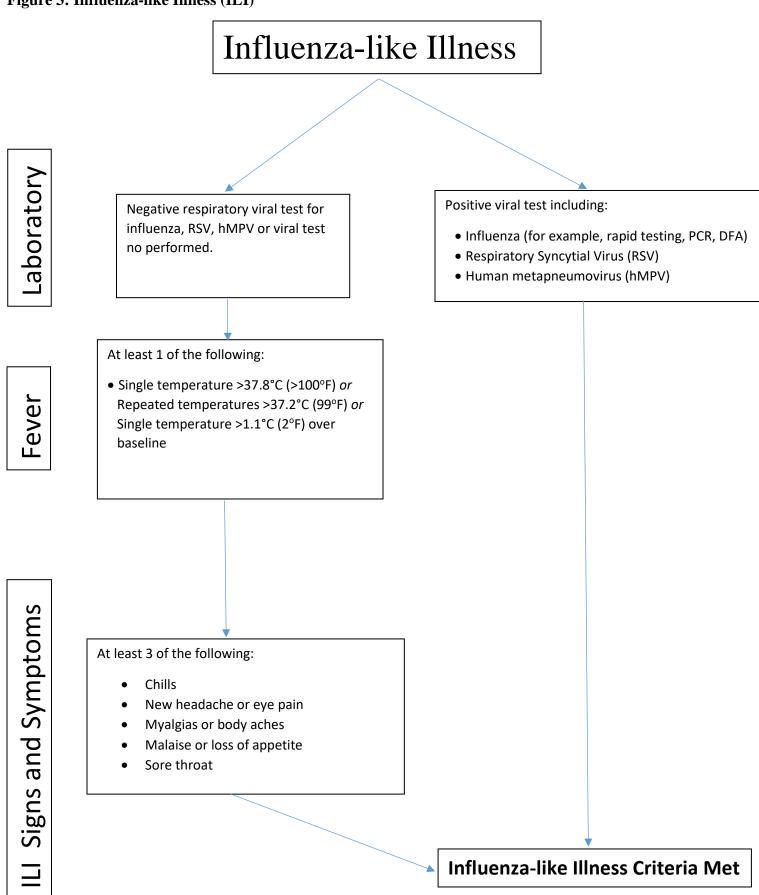


Table 4: SARS-CoV-2

Criterion	Need Positive Laboratory Test
1	COVID-19 Positive Viral Laboratory Test result indicating active
	infection (not serology)

Figure 4: SARS-CoV-2 Algorithm

