

McGeer's Case Classification Worksheet For Respiratory Illness in Long-Term Care Facilities (LTCFs)

Patient Name _____ Room Number _____ Date of Onset _____

McGeer's Case Classification (Circle one): **P I L U None**

Completed By _____ Date _____

Part I: Constitutional Criteria (*Patient needs to meet one of the 4 major criteria: fever, leukocytosis, acute change in mental status or acute functional decline.*)

Fever: (*Patient should have at least one of the following*)

Highest Temperature: _____

- Single oral temperature > 37.8 C° (>100 F°) or
- Repeated oral temperature > 37.2 C° (99 F°) or rectal temperatures 37.5 C° (99.5 F°)
- Single temperature 1.1 C° (2 F°) over baseline from any site (oral, tympanic, axillary)

Leukocytosis: (*Patient should have at least one of the following*)

- Neutrophilia (>14,000 leukocytes (WBC)/mm³) OR
- Left shift (>6% bands or ≥1,500 bands/mm³)

WBC _____

Acute change in mental status from baseline (*ALL criteria must be present*)

- Acute onset
- Fluctuating course: coming and going or changing in severity during assessment
- Inattention: difficulty focusing attention
- Either disorganized thinking: incoherent thinking OR altered level of consciousness

Acute functional decline (*A new 3-point increase in total activities of daily living (ADL) score (range, 0–28) from baseline, based on the following 7 ADL items, each scored from 0 (independent) to 4 (total dependence. Fill in score for each)*)

___ Bed mobility ___ Transfer ___ Locomotion within LTCF
___ Dressing ___ Toilet use ___ Personal hygiene ___ Eating

Part II Respiratory Symptoms (Subcriteria): (*Please mark all that apply*)

- New or increased cough
- Pleuritic chest pain
- O₂ saturation < 94% on room air or a reduction in O₂ saturation of >3% from baseline
- New or changed lung examination abnormalities (Rales, Rhonchi, etc.)
- New or increased sputum production
- Respiratory rate of ≥25 breaths/min

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Part III Case Classification (Ascertainment)

Pneumonia (ALL 3 criteria must be present)

- Chest radiograph interpretation as pneumonia or the presence of a new infiltrate
- At least 1 of the constitutional criteria (See page 1)
- At least 1 of the respiratory symptoms (See page 1)

CXR Date	Result

Does the patient meet the criteria for pneumonia? (circle one) Yes No
 (If yes → stop and complete the appropriate case classification in page 1: "P")

Influenza-like illness (ILI) (Fever and at least 3 other subcriteria must be present)

- Fever
- At least 3 of the following influenza-like illness subcriteria
 - Chills
 - New headache or eye pain
 - Myalgias or body aches
 - Malaise or loss of appetite
 - Sore throat
 - New or increased dry cough

Does the patient meet the criteria for ILI? (Circle one) Yes No
 If yes → stop and complete the appropriate case classification in page 1: "I"

Lower respiratory tract infection (LRTI) (bronchitis or tracheobronchitis); (ALL 3 must be present)

- Chest radiograph not performed or negative results for pneumonia or new infiltrate
- At least 1 of the constitutional criteria (See page 1)
- At least 2 of the respiratory symptoms (See page 1)

Does the patient meet the criteria for LRTI? (Circle one) Yes No
 (If yes → stop and complete the appropriate case classification in page 1: "L")

Upper Respiratory Tract Infection (URTI: Common Cold Syndrome or Pharyngitis): (At least 2 criteria must be present)

- Runny nose or sneezing
- Stuffy nose (ie, congestion)
- Sore throat or hoarseness or difficulty in swallowing
- Dry cough
- Swollen or tender glands in the neck (cervical lymphadenopathy)

Does the patient meet the criteria for URTI? (circle one) Yes No
 (If yes → stop and complete the appropriate case classification in page 1: "U")

If no → circle "none" in page 1)