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)

☐ 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)

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

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)

<table>
<thead>
<tr>
<th>CXR Date</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td></td>
</tr>
</tbody>
</table>

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
  - ☐ Myalgia 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)