

1. CHEC SITE: _____

2. PATIENT ID: _____

Severe Respiratory Illness (SRI) / Nosocomial Pneumonia Data Collection Form

Date form completed _____ (mm/dd/yyyy)

Case Classification:
(refer to surveillance definitions)

- SRI with risk factors
 - Residence/recent travel in Asia within 10 days of onset of symptoms*
 - Close contact to a person with recent travel anywhere in Asia within 10 days of onset of symptoms*
*specify country _____
 - Health Care Worker, specify _____
 - Lab Worker (handling SARS CoV or avian influenza)
 - Exposure to a person with SRI → **COMPLETE SECTION A**

- Community-acquired pneumonia requiring ICU admission → **COMPLETE SECTION A & B**

- Nosocomial pneumonia acquired in acute care hospital but NOT in ICU
 - Acquired on a ward in my hospital
 - Acquired in another hospital → **COMPLETE SECTION A & B**

- ICU acquired pneumonia → **COMPLETE SECTION A, B & C**

- Paediatric Respiratory Tract Infections → **COMPLETE SECTION A & C & D**

SECTION A: SRI WITH RISK FACTORS

PATIENT INFORMATION

1. Date of admission _____ (mm/dd/yyyy)

2. Date of birth OR _____ (mm/dd/yyyy)

Age at onset

OR

_____ (age in years)

3. Sex

- 1 Male
- 2 Female
- 9 Unknown

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SECTION B: PNEUMONIA REQUIRING ICU ADMISSION

SYMPTOMS/CLINICAL INFORMATION

4. Primary admitting diagnosis _____
5. Service where the pneumonia was acquired
 Intensive care unit Other (specify): _____
 General Medicine None; Community-acquired pneumonia
 Surgery
6. Symptom onset date: _____ (mm/dd/yyyy)
7. Date of admission to ICU _____ (mm/dd/yyyy)
8. Underlying medical conditions?
1 Yes
2 No
9 Unknown
- 8a) If yes, check conditions that apply:
 Chronic heart disease
 Chronic lung disease
 Asthma
 Diabetes mellitus
 Alcoholism
 Immunosuppressive disorder (e.g. lupus, rheumatoid arthritis)
 Organ or bone marrow transplant
 Cancer (active, e.g. on chemo or radiation therapy)
 On kidney dialysis
 Other, specify _____
9. Was there a secondary bacteremia related to the pneumonia?
1 Yes
2 No
10. Patient outcome at discharge or end of surveillance period:
 In hospital
 Discharged or transferred → Date: _____ (mm/dd/yyyy)
 Died → Date of Death: _____ (mm/dd/yyyy)
 Unknown

LABORATORY RESULTS

11. Culture type
NP Nasopharyngeal swab/aspirate
SP Sputum for C & S (includes endotracheal or tracheostomy secretions)
BAL Bronchial specimen
BC Blood culture
No No culture taken

Culture type and date taken (mm/dd/yyyy)	Culture results If available, record gram stain result

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SECTION C: ICU-ACQUIRED PNEUMONIA

SYMPTOMS/CLINICAL INFORMATION

12. Was/is the patient intubated? 1 Yes # of days _____
2 No
9 Unknown
13. Was the patient ventilated at onset of symptoms? 1 Yes # of days _____
2 No
if no, was patient ventilated in the 4 days prior to onset?
1 Yes # of days of ventilator _____
2 No
9 Unknown
14. Did patient have a tracheostomy? 1 Yes
2 No
15. Criteria for pneumonia
- Yes No Temperature >38⁰C
- Yes No WBC greater than 11.0x10⁹/L or less than 4.0 x10⁹/L
Document highest or lowest WBC _____
- Yes No New onset of purulent sputum
- Yes No Change in character of sputum
- Yes No Increasing volume of secretions/suctioning requirements
- Yes No Isolation of pathogen from sputum
- Yes No Isolation of pathogen from bronchoscopy specimen
- Yes No Isolation of virus, or detection of viral antigen in respiratory secretions
- Yes No Organism isolated from blood culture (except skin flora or enterococcus)
- Yes No Increasing O₂ requirement (FiO₂ increased)
- Yes No Increasing alveolar-arterial oxygen gradient
16. Was patient treated with antibiotics for this episode? 1 Yes
2 No
17. What was the ICU physician's diagnosis? 1 ventilator associated pneumonia
2 other infection, specify _____
3 no infection

Please send completed questionnaires to:
Katie Cassidy
Nosocomial and Occupational Infections Section
Centre for Infectious Disease Prevention and Control
Tunney's Pasture, P.L. 0601E2
Ottawa, ON K1A 0L2
Fax: 613-952-6668; Phone: 613-954-1718

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SECTION D: PAEDIATRIC RESPIRATORY TRACT INFECTIONS

(this section will refer to the Paediatric protocol, final version to be distributed by January 2005 with surveillance to begin in January 2005)