

# Human Infection with Novel Influenza A Virus Severe Outcomes

Form Approved  
OMB No. 0920-0004

This form is intended to be used as a supplement to the Novel Influenza A Case Report Form for patients with severe outcomes (hospitalization or death). Please complete all sections of this form for each patient with a severe outcome in addition to the Novel Influenza A Case Report Form. Once this form is complete, please submit it as an email attachment to [CaseReportForms@cdc.gov](mailto:CaseReportForms@cdc.gov) or fax the completed form to 404-471-8119.

I. Reporter Information											
State/Territory _____		State/Territory Epi Case ID _____			State/Territory Lab ID _____						
Date form completed: ___/___/___				CDC Case ID _____							
Person completing form: First Name: _____		Last Name: _____			Phone: _____		Email: _____				
What are the source(s) of data for this report? (check all that apply) <input type="checkbox"/> Medical chart <input type="checkbox"/> Death certificate <input type="checkbox"/> Case report form <input type="checkbox"/> Other _____											
II. Patient Information and Medical Care											
1. Patient Date of birth: ___/___/___ (mm/dd/yyyy)											
2. Did the patient have an outpatient or ER medical care encounter during this illness?				<input type="checkbox"/> Yes, date: ___/___/___		<input type="checkbox"/> No		<input type="checkbox"/> Unknown			
3. Was the patient admitted to the hospital for this illness?				<input type="checkbox"/> Yes, date: ___/___/___		<input type="checkbox"/> No		<input type="checkbox"/> Unknown			
				Time: ___:___		<input type="checkbox"/> AM <input type="checkbox"/> PM					
4. Was patient hospitalized previously at another facility during this illness?						<input type="checkbox"/> Yes		<input type="checkbox"/> No		<input type="checkbox"/> Unknown	
Admission date: ___/___/___		Discharge date: ___/___/___			Was discharge from prior hospital a transfer? <input type="checkbox"/> Yes <input type="checkbox"/> No						
Please note initial vital signs at hospital admission/ER presentation.						Date taken: ___/___/___ (mm/dd/yyyy)					
5. Body Mass Index: _____		6. Height: _____		<input type="checkbox"/> Inches <input type="checkbox"/> Height Unknown		7. Weight: _____		<input type="checkbox"/> Lbs. <input type="checkbox"/> Kg		<input type="checkbox"/> Weight Unknown	
8. Blood Pressure ___/___		9. Respiratory Rate _____ per min			10. Heart Rate _____ beats/min		Temperature: _____ <input type="checkbox"/> °C <input type="checkbox"/> °F				
11. O <sub>2</sub> Sat _____%		12. Fraction of inspired oxygen _____ % <input type="checkbox"/> L			13. Using: <input type="checkbox"/> O <sub>2</sub> mask <input type="checkbox"/> room air <input type="checkbox"/> ventilator Specify O <sub>2</sub> mask type: _____						
III. Illness Signs and Symptoms											
14. Please mark all signs and symptoms experienced or listed in the admission note.						Date of initial symptom onset: ___/___/___					
<input type="checkbox"/> Fever (measured) highest temp. _____ °C <input type="checkbox"/> °F		Date of fever onset ___/___/___ (mm/dd/yyyy)									
<input type="checkbox"/> Feverishness (temperature not measured)		<input type="checkbox"/> Wheezing		<input type="checkbox"/> Altered mental status							
<input type="checkbox"/> Cough		<input type="checkbox"/> Chills		<input type="checkbox"/> Red or draining eyes (conjunctivitis)							
<input type="checkbox"/> With sputum (i.e., productive)		<input type="checkbox"/> Headache		<input type="checkbox"/> Abdominal pain							
<input type="checkbox"/> Hemoptysis or bloody sputum		<input type="checkbox"/> Excessive crying/fussiness (< 5 years old)			<input type="checkbox"/> Vomiting						
<input type="checkbox"/> Sore throat		<input type="checkbox"/> Fatigue/weakness		<input type="checkbox"/> Diarrhea							
<input type="checkbox"/> Runny nose (rhinorrhea)		<input type="checkbox"/> Muscle pain/myalgia			<input type="checkbox"/> Rash, location _____						
<input type="checkbox"/> Dyspnea/difficulty breathing		Location _____			<input type="checkbox"/> Other _____						
<input type="checkbox"/> Chest pain		<input type="checkbox"/> Seizure _____									
IV. Patient Medical History											
15. Does the patient have any of the following pre-existing medical conditions? Check all that apply.											
15a. <input type="checkbox"/> Asthma/Reactive Airway Disease					15h. <input type="checkbox"/> Immunocompromising Condition						
15b. <input type="checkbox"/> Chronic Lung Disease					<input type="checkbox"/> HIV infection						
<input type="checkbox"/> Emphysema/COPD					<input type="checkbox"/> AIDS or CD4 count < 200						
<input type="checkbox"/> Other: _____					<input type="checkbox"/> Stem cell transplant (e.g., bone marrow transplant)						
15c. <input type="checkbox"/> Chronic Metabolic Disease					<input type="checkbox"/> Organ transplant						
<input type="checkbox"/> Diabetes					<input type="checkbox"/> Cancer diagnosis within last 12 months (excluding non-melanoma skin cancer) Type: _____						
Insulin dependent <input type="checkbox"/> Yes <input type="checkbox"/> No <input type="checkbox"/> Unknown					<input type="checkbox"/> Chemotherapy within last 12 months						
<input type="checkbox"/> Other: _____					<input type="checkbox"/> Primary immune deficiency						
					<input type="checkbox"/> Chronic steroid therapy (within 2 weeks of admission)						
					<input type="checkbox"/> Other: _____						
15d. <input type="checkbox"/> Blood disorders/Hemoglobinopathy					15i. <input type="checkbox"/> Renal Disease						

Public reporting burden of this collection of information is estimated to average 90 minutes per response, including the time for reviewing instructions, searching existing data sources, gathering and maintaining the data needed, and completing and reviewing the collection of information. An agency may not conduct or sponsor, and a person is not required to respond to a collection of information unless it displays a currently valid OMB control number. Send comments regarding this burden estimate or any other aspect of this collection of information, including suggestions for reducing this burden to CDC/ATSDR Information Collection Review Office, 1600 Clifton Road NE, MS D-74, Atlanta, Georgia 30333; ATTN: PRA (0920-0004).



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- Sickle cell disease
- Splenectomy/Asplenia
- Other: \_\_\_\_\_

- Chronic kidney disease/chronic renal insufficiency
- End stage renal disease
- Dialysis
- Nephrotic syndrome
- Other: \_\_\_\_\_

- 15e.  **Cardiovascular Disease (excluding hypertension)**
- Atherosclerotic cardiovascular disease
  - Cerebral vascular incident/Stroke  
With disability  Yes  No  Unknown
  - Congenital heart disease
  - Coronary artery disease (CAD)
  - Heart failure/Congestive heart failure
  - Other: \_\_\_\_\_

- 15j.  **Other**
- Liver disease
  - Scoliosis
  - Obese or BMI  $\geq 30$
  - Morbidly obese or BMI  $\geq 40$
  - Down syndrome
  - Pregnant, gestational age in weeks: \_\_\_\_\_  Unknown
  - Post-partum ( $\leq 6$  weeks)
  - Current smoker
  - Drug abuse
  - Alcohol abuse
  - Other: \_\_\_\_\_

- 15f.  **Neuromuscular or Neurologic disorder**
- Muscular dystrophy
  - Multiple sclerosis
  - Mitochondrial disorder
  - Myasthenia gravis
  - Cerebral palsy
  - Dementia
  - Severe developmental delay
  - Plegias/Paralysis
  - Epilepsy/Seizure disorder
  - Other: \_\_\_\_\_

- 15g.  **History of Guillain-Barré Syndrome**

**PEDIATRIC CASES ONLY (<18 years old)**

- Abnormality of upper airway**  Yes  No  Unknown
- History of febrile seizures**  Yes  No  Unknown
- Premature**  Yes  No  Unknown  
(gestational age < 37 weeks at birth for patients < 2yrs)
- If yes, specify gestation age at birth in weeks: \_\_\_\_\_
- Unknown gestational age at birth

## V. Hematology and Serum Chemistries

16. Were any hematology or serum chemistries performed at hospital admission/presentation to care?  Yes  No (skip to Q. 35)  Unknown (skip to Q. 35)

Please note initial values at admission/presentation to care. Date values were taken: / / (mm/dd/yyyy)

17. White blood cell count (WBC) cells/mm <sup>3</sup>	19. Hematocrit (Hct) %	24. Serum creatinine mg/dL
18. Differential: Neutrophils %	20. Platelets (Plt) 10 <sup>3</sup> /mm <sup>3</sup>	25. Serum glucose mg/dL
Bands %	21. Sodium (Na) U/L	26. SGPT/ALT U/L
Lymphocytes %	21. Potassium (K) U/L	27. SGOT/AST U/L
Eosinophils %	22. Bicarbonate (HCO <sub>3</sub> ) U/L	28. Total bilirubin mg/dL
	23. Serum albumin g/dL	29. C-reactive protein (CRP) mg/dL

Please describe other significant lab findings (e.g., CSF, protein).

Type of test	Specimen type	Date (mm/dd/yyyy)	Result
31.		/ /	
32.		/ /	
33.		/ /	
34.		/ /	

## VI. Bacterial Pathogens – Sterile or respiratory site only

35. Was a pneumococcal urinary antigen test performed?  Yes  No  Unknown

If yes, result:  Positive  Negative  Unknown

35. Was a Legionella urinary antigen test performed?  Yes  No  Unknown

If yes, result:  Positive  Negative  Unknown

35. Were any bacterial culture tests performed (regardless of result)?  Yes  No (skip to Q.41)  Unknown (skip to Q.41)

36. Indicate sites from which specimens were collected (check all that apply):  
 Blood  Cerebrospinal fluid (CSF)  Bronchoalveolar lavage (BAL)  
 Sputum  Pleural fluid  Endotracheal aspirate  Other: \_\_\_\_\_

37. Was there culture confirmation of any bacterial infection?  Yes  No (skip to Q.41)  Unknown (skip to Q.41)

38a. Positive Culture 1 collection date: / / (mm/dd/yyyy)  
 38b. Specimen type:  Blood  Cerebrospinal fluid (CSF)  Bronchoalveolar lavage (BAL)  
 Sputum  Pleural fluid  Endotracheal aspirate  Other: \_\_\_\_\_

38c. Pathogen(s) identified:  *S. aureus*  *S. pyogenes*  *S. pneumoniae*  *H. influenzae*  Other: \_\_\_\_\_

38d. If *Staphylococcus aureus*, specify:  Methicillin resistant (MRSA)  Methicillin sensitive (MSSA)  Sensitivity unknown



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**39a. Positive Culture 2 collection date:** \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
(mm/dd/yyyy)

**39b. Specimen type:**  Blood  Cerebrospinal fluid (CSF)  Bronchoalveolar lavage (BAL)  
 Sputum  Pleural fluid  Endotracheal aspirate  Other: \_\_\_\_\_

**39c. Pathogen(s) identified:**  *S. aureus*  *S. pyogenes*  *S. pneumoniae*  *H. influenzae*  Other: \_\_\_\_\_

**39d. If *Staphylococcus aureus*, specify:**  Methicillin resistant (MRSA)  Methicillin sensitive (MSSA)  Sensitivity unknown

**40a. Positive Culture 3 collection date:** \_\_\_\_\_/\_\_\_\_\_/\_\_\_\_\_  
(mm/dd/yyyy)

**40b. Specimen type:**  Blood  Cerebrospinal fluid (CSF)  Bronchoalveolar lavage (BAL)  
 Sputum  Pleural fluid  Endotracheal aspirate  Other: \_\_\_\_\_

**40c. Pathogen(s) identified:**  *S. aureus*  *S. pyogenes*  *S. pneumoniae*  *H. influenzae*  Other: \_\_\_\_\_

**40d. If *Staphylococcus aureus*, specify:**  Methicillin resistant (MRSA)  Methicillin sensitive (MSSA)  Sensitivity unknown

## VII. Respiratory Viral Pathogens

**41. Was the patient tested for any other viral pathogens?**  Yes  No (skip to Q.42)  Unknown (skip to Q.42)

	Positive	Negative	Not Tested/Unknown	Collection Date	Specimen Type
a. Respiratory syncytial virus/RSV	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____/____/____	_____
b. Adenovirus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____/____/____	_____
c. Parainfluenza 1	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____/____/____	_____
d. Parainfluenza 2	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____/____/____	_____
e. Parainfluenza 3	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____/____/____	_____
f. Human metapneumovirus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____/____/____	_____
g. Rhinovirus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____/____/____	_____
h. Coronavirus	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____/____/____	_____
i. Other, specify: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____/____/____	_____
j. Other, specify: _____	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	____/____/____	_____

## VIII. Medications

**42. Did the patient receive influenza antiviral medications during illness?**  Yes  No  Unknown

		Date started	Date stopped	Frequency	Dose
Oseltamivir (Tamiflu)	<input type="checkbox"/> PO <input type="checkbox"/> IV <input type="checkbox"/> Inhaled	____/____/____	____/____/____	<input type="checkbox"/> QD <input type="checkbox"/> BID <input type="checkbox"/> TID	_____
Zanamivir (Relenza)	<input type="checkbox"/> PO <input type="checkbox"/> IV <input type="checkbox"/> Inhaled	____/____/____	____/____/____	<input type="checkbox"/> QD <input type="checkbox"/> BID <input type="checkbox"/> TID	_____
Peramivir	<input type="checkbox"/> PO <input type="checkbox"/> IV <input type="checkbox"/> Inhaled	____/____/____	____/____/____	<input type="checkbox"/> QD <input type="checkbox"/> BID <input type="checkbox"/> TID	_____
Other influenza antiviral: _____	<input type="checkbox"/> PO <input type="checkbox"/> IV <input type="checkbox"/> Inhaled	____/____/____	____/____/____	<input type="checkbox"/> QD <input type="checkbox"/> BID <input type="checkbox"/> TID	_____
Other influenza antiviral: _____	<input type="checkbox"/> PO <input type="checkbox"/> IV <input type="checkbox"/> Inhaled	____/____/____	____/____/____	<input type="checkbox"/> QD <input type="checkbox"/> BID <input type="checkbox"/> TID	_____

**43. Did the patient receive antibiotics during the illness?**  Yes  No  Unknown

If yes, name		Date started	Date stopped	Dose
	<input type="checkbox"/> PO <input type="checkbox"/> IV <input type="checkbox"/> IM	____/____/____	____/____/____	_____
	<input type="checkbox"/> PO <input type="checkbox"/> IV <input type="checkbox"/> IM	____/____/____	____/____/____	_____
	<input type="checkbox"/> PO <input type="checkbox"/> IV <input type="checkbox"/> IM	____/____/____	____/____/____	_____
	<input type="checkbox"/> PO <input type="checkbox"/> IV <input type="checkbox"/> IM	____/____/____	____/____/____	_____
	<input type="checkbox"/> PO <input type="checkbox"/> IV <input type="checkbox"/> IM	____/____/____	____/____/____	_____

**44. Did the patient receive steroids (excluding inhaled steroids or one time injections) or other immune modulating treatment specifically for this illness?**  Yes  No  Unknown

If yes, name		Date started	Date stopped	Dose
	<input type="checkbox"/> PO <input type="checkbox"/> IV <input type="checkbox"/> IM	____/____/____	____/____/____	_____
	<input type="checkbox"/> PO <input type="checkbox"/> IV <input type="checkbox"/> IM	____/____/____	____/____/____	_____
	<input type="checkbox"/> PO <input type="checkbox"/> IV <input type="checkbox"/> IM	____/____/____	____/____/____	_____

**45. Additional treatment comments:**

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

## IX. Chest Radiograph – Based on final impression/conclusion of the radiology report

*Please include a copy of the radiology report with the form.*

**46. Did the patient have a chest x-ray within 3 days of admission?**  Yes, date \_\_\_\_/\_\_\_\_/\_\_\_\_  No (skip to Q.52)  Unknown (skip to Q.52)

**47. If yes, was the chest x-ray abnormal?**  Yes, date \_\_\_\_/\_\_\_\_/\_\_\_\_  No (skip to Q.52)  Unknown (skip to Q.52)

**48. For the abnormal chest x-ray, please transcribe the final impression/conclusion and check all that apply:**

Final impression/conclusion: \_\_\_\_\_



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<input type="checkbox"/> <b>Consolidation:</b> →	<input type="checkbox"/> Single lobar infiltrate	<input type="checkbox"/> Multi-lobar infiltrate (unilateral)	<input type="checkbox"/> Multi-lobar infiltrate (bilateral)
	<input type="checkbox"/> Lobar or segmental collapse	<input type="checkbox"/> Cavitation/Abscess/Necrosis	<input type="checkbox"/> Round pneumonia
<input type="checkbox"/> <b>Other Infiltrate:</b> →	<input type="checkbox"/> Alveolar (air space) disease	<input type="checkbox"/> Interstitial disease	<input type="checkbox"/> Mixed (airspace and interstitial) disease
<input type="checkbox"/> <b>Pleural Effusion:</b> →	<input type="checkbox"/> Unilateral	<input type="checkbox"/> Bilateral	
<input type="checkbox"/> <b>Bronchiolitis:</b> →	<input type="checkbox"/> Complicated	<input type="checkbox"/> Uncomplicated	
<input type="checkbox"/> <b>Other:</b> →	<input type="checkbox"/> Air leak/Pneumothorax	<input type="checkbox"/> Lymphadenopathy	<input type="checkbox"/> Chest wall invasion
	<input type="checkbox"/> Specify: _____		
<b>49. Did the patient have another chest x-ray within 3 days of admission?</b>			
	<input type="checkbox"/> Yes, date ____/____/____	<input type="checkbox"/> No (skip to Q.52)	<input type="checkbox"/> Unknown (skip to Q.52)
<b>50. If yes, was the chest x-ray abnormal?</b>			
	<input type="checkbox"/> Yes, date ____/____/____	<input type="checkbox"/> No (skip to Q.52)	<input type="checkbox"/> Unknown (skip to Q.52)
<b>51. For the abnormal chest x-ray, please transcribe the final impression/conclusion and check all that apply:</b>			
Final impression/conclusion:			
<input type="checkbox"/> <b>Consolidation:</b> →	<input type="checkbox"/> Single lobar infiltrate	<input type="checkbox"/> Multi-lobar infiltrate (unilateral)	<input type="checkbox"/> Multi-lobar infiltrate (bilateral)
	<input type="checkbox"/> Lobar or segmental collapse	<input type="checkbox"/> Cavitation/Abscess/Necrosis	<input type="checkbox"/> Round pneumonia
<input type="checkbox"/> <b>Other Infiltrate:</b> →	<input type="checkbox"/> Alveolar (air space) disease	<input type="checkbox"/> Interstitial disease	<input type="checkbox"/> Mixed (airspace and interstitial) disease
<input type="checkbox"/> <b>Pleural Effusion:</b> →	<input type="checkbox"/> Unilateral	<input type="checkbox"/> Bilateral	
<input type="checkbox"/> <b>Bronchiolitis:</b> →	<input type="checkbox"/> Complicated	<input type="checkbox"/> Uncomplicated	
<input type="checkbox"/> <b>Other:</b> →	<input type="checkbox"/> Air leak/Pneumothorax	<input type="checkbox"/> Lymphadenopathy	<input type="checkbox"/> Chest wall invasion
	<input type="checkbox"/> Specify: _____		
<b>X. Chest CT or MRI – Based on final impression/conclusion of the radiology report please include a copy of the radiology report with the form.</b>			
<b>52. Did the patient have a chest CT/MRI scan within 3 days of admission?</b>			
	<input type="checkbox"/> Yes, date ____/____/____	<input type="checkbox"/> No (skip to Q.56)	<input type="checkbox"/> Unknown (skip to Q.56)
<b>52. If yes, please select one:</b>			
	<input type="checkbox"/> CT: contrast	<input type="checkbox"/> CT: non-contrast	<input type="checkbox"/> MRI
<b>54. If yes, was the CT/MRI abnormal?</b>			
	<input type="checkbox"/> Yes, date ____/____/____	<input type="checkbox"/> No (skip to Q.56)	<input type="checkbox"/> Unknown (skip to Q.56)
<b>55. For abnormal chest CT/ MRI, please check all that apply and please transcribe the final impression/conclusion:</b>			
Final impression/conclusion:			
<input type="checkbox"/> <b>Consolidation:</b> →	<input type="checkbox"/> Single lobar infiltrate	<input type="checkbox"/> Multi-lobar infiltrate (unilateral)	<input type="checkbox"/> Multi-lobar infiltrate (bilateral)
	<input type="checkbox"/> Lobar or segmental collapse	<input type="checkbox"/> Cavitation/Abscess/Necrosis	<input type="checkbox"/> Round pneumonia
<input type="checkbox"/> <b>Other Infiltrate:</b> →	<input type="checkbox"/> Alveolar (air space) disease	<input type="checkbox"/> Interstitial disease	<input type="checkbox"/> Mixed (airspace and interstitial) disease
<input type="checkbox"/> <b>Pleural Effusion:</b> →	<input type="checkbox"/> Unilateral	<input type="checkbox"/> Bilateral	
<input type="checkbox"/> <b>Bronchiolitis:</b> →	<input type="checkbox"/> Complicated	<input type="checkbox"/> Uncomplicated	
<input type="checkbox"/> <b>Other:</b> →	<input type="checkbox"/> Air leak/Pneumothorax	<input type="checkbox"/> Lymphadenopathy	<input type="checkbox"/> Chest wall invasion
	<input type="checkbox"/> Specify: _____		
<b>XI. Clinical Course and Severity of Illness</b>			
<b>56. At any time during the current illness, did the patient require or have the diagnosis of :</b>			
<b>a. Admission to intensive care unit (ICU)</b>			
	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unknown
Admission date: ____/____/____ Discharge date: ____/____/____			
If multiple admissions, 2 <sup>nd</sup> ICU admission date: ____/____/____ 2 <sup>nd</sup> ICU discharge date: ____/____/____			
<b>If more than 2 ICU admissions, please provide dates in the comments section (Q.66)</b>			
<b>b. Supplemental oxygen</b>			
	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unknown
Date started: ____/____/____ Date stopped: ____/____/____			
<b>c. Ventilatory support</b>			
	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unknown



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Check all that apply:

<input type="checkbox"/> Intubation	Date started: ___/___/___	Date stopped: ___/___/___
<input type="checkbox"/> ECMO	Date started: ___/___/___	Date stopped: ___/___/___
<input type="checkbox"/> CPAP	Date started: ___/___/___	Date stopped: ___/___/___
<input type="checkbox"/> BiPAP	Date started: ___/___/___	Date stopped: ___/___/___

<b>d. Vasopressor medications (e.g. dopamine, epinephrine)</b>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unknown
Date started: ___/___/___	Date stopped: ___/___/___		
<b>e. Dialysis (Acute)</b>	<input type="checkbox"/> Yes	<input type="checkbox"/> No	<input type="checkbox"/> Unknown
Date started: ___/___/___	Date stopped: ___/___/___		
<b>f. Resuscitation, CPR</b>	<input type="checkbox"/> Yes, date started: ___/___/___	stopped: ___/___/___	<input type="checkbox"/> No <input type="checkbox"/> Unknown
<b>g. Acute respiratory distress syndrome (ARDS)</b>	<input type="checkbox"/> Yes, date started: ___/___/___	stopped: ___/___/___	<input type="checkbox"/> No <input type="checkbox"/> Unknown
<b>h. Disseminated intravascular coagulopathy (DIC)</b>	<input type="checkbox"/> Yes, date started: ___/___/___	stopped: ___/___/___	<input type="checkbox"/> No <input type="checkbox"/> Unknown
<b>i. Hemophagocytic syndrome</b>	<input type="checkbox"/> Yes, date started: ___/___/___	stopped: ___/___/___	<input type="checkbox"/> No <input type="checkbox"/> Unknown
<b>j. Bronchiolitis</b>	<input type="checkbox"/> Yes, date started: ___/___/___	stopped: ___/___/___	<input type="checkbox"/> No <input type="checkbox"/> Unknown
<b>k. Pneumonia</b>	<input type="checkbox"/> Yes, date started: ___/___/___	stopped: ___/___/___	<input type="checkbox"/> No <input type="checkbox"/> Unknown
<b>l. Stroke (Acute)</b>	<input type="checkbox"/> Yes, date started: ___/___/___	stopped: ___/___/___	<input type="checkbox"/> No <input type="checkbox"/> Unknown
<b>m. Sepsis</b>	<input type="checkbox"/> Yes, date started: ___/___/___	stopped: ___/___/___	<input type="checkbox"/> No <input type="checkbox"/> Unknown
<b>n. Shock</b>	<input type="checkbox"/> Yes, date started: ___/___/___	stopped: ___/___/___	<input type="checkbox"/> No <input type="checkbox"/> Unknown
Type: <input type="checkbox"/> hypovolemic <input type="checkbox"/> cardiogenic <input type="checkbox"/> septic <input type="checkbox"/> toxic			
<b>o. Acute myocarditis</b>	<input type="checkbox"/> Yes, date started: ___/___/___	stopped: ___/___/___	<input type="checkbox"/> No <input type="checkbox"/> Unknown
<b>p. Acute myocardial dysfunction</b>	<input type="checkbox"/> Yes, date started: ___/___/___	stopped: ___/___/___	<input type="checkbox"/> No <input type="checkbox"/> Unknown
<b>q. Acute myocardial infarction</b>	<input type="checkbox"/> Yes, date started: ___/___/___	stopped: ___/___/___	<input type="checkbox"/> No <input type="checkbox"/> Unknown
<b>r. Seizures</b>	<input type="checkbox"/> Yes, date started: ___/___/___	stopped: ___/___/___	<input type="checkbox"/> No <input type="checkbox"/> Unknown
<b>s. Reye's syndrome</b>	<input type="checkbox"/> Yes, date started: ___/___/___	stopped: ___/___/___	<input type="checkbox"/> No <input type="checkbox"/> Unknown
<b>t. Acute encephalitis / encephalopathy</b>	<input type="checkbox"/> Yes, date started: ___/___/___	stopped: ___/___/___	<input type="checkbox"/> No <input type="checkbox"/> Unknown
<b>u. Guillain-Barre syndrome</b>	<input type="checkbox"/> Yes, date started: ___/___/___	stopped: ___/___/___	<input type="checkbox"/> No <input type="checkbox"/> Unknown
<b>v. Rhabdomyolysis</b>	<input type="checkbox"/> Yes, date started: ___/___/___	stopped: ___/___/___	<input type="checkbox"/> No <input type="checkbox"/> Unknown
<b>w. Acute liver impairment</b>	<input type="checkbox"/> Yes, date started: ___/___/___	stopped: ___/___/___	<input type="checkbox"/> No <input type="checkbox"/> Unknown
<b>x. Acute renal failure</b>	<input type="checkbox"/> Yes, date started: ___/___/___	stopped: ___/___/___	<input type="checkbox"/> No <input type="checkbox"/> Unknown
<b>y. Other, specify:</b> _____	<input type="checkbox"/> Yes, date started: ___/___/___	stopped: ___/___/___	
<b>z. Other, specify:</b> _____	<input type="checkbox"/> Yes, date started: ___/___/___	stopped: ___/___/___	

### XII. Outcomes

**57. Did the patient die during this illness?**  Yes, date \_\_\_/\_\_\_/\_\_\_  No (skip to Q.62)  Unknown (skip to Q.62)

**58. What was the location of death?**  Home  Hospital  ER  Hospice  Other, specify \_\_\_\_\_

**59. Did the patient have a DNR (do not resuscitate) order?**  Yes  No  Unknown

**60. Was an autopsy performed?**  Yes (please attach a copy of the autopsy form to this report if available)  No  Unknown

**61. What were the causes of death (immediate and underlying) in order of appearance on the death certificate or medical record?**

1. _____	4. _____	7. _____
2. _____	5. _____	8. _____
3. _____	6. _____	9. _____

**62. Has the patient been discharged from the hospital?**  Yes, date \_\_\_/\_\_\_/\_\_\_  No  Unknown

**63. If yes, please indicate to where:**  Home  Other hospital  Hospice  Rehabilitation Facility  
 Other long-term care facility  Other, specify: \_\_\_\_\_  Unknown

**63. If no, please indicate status:**  Hospitalized on ward  Hospitalized in ICU  Died

**64. If patient was pregnant, please indicate pregnancy status at discharge or final update:**  
 Still pregnant  Uncomplicated labor/delivery  Complicated labor/delivery  Fetal loss  
 Describe \_\_\_\_\_ Date \_\_\_/\_\_\_/\_\_\_

**64. If pregnancy resulted in delivery, please indicate neonatal outcome:** Birth date: \_\_\_/\_\_\_/\_\_\_  
 Healthy newborn  Ill newborn, describe: \_\_\_\_\_  Newborn died: Date \_\_\_/\_\_\_/\_\_\_  Unknown

**65. Additional notes regarding discharge:**

### XIII. Additional Comments

**66. Additional Comments:**



## Human Infection with Novel Influenza A Virus Severe Outcomes
