



Avian Influenza (H5N1) Risk Assessment

Naval Health Research Center, Department of Respiratory Diseases Research

All subjects enrolled in an NHRC respiratory disease study must be assessed for avian influenza (H5N1) exposure risk prior to specimen collection according to the following algorithm (adapted from CDC lab testing guidelines 7 November 2008). **This form is for reference only.** Risk status obtained from this assessment will be documented on official study forms.

In the 10 days PRIOR to onset of symptoms, has the subject¹: (Answer question #1, proceed according to instructions, then assess risk at bottom of page.)		High Risk
1. Traveled to a country that has reported highly pathogenic avian influenza (H5N1) infection in animals or humans? ²	Yes <input type="checkbox"/> go to 1a No <input type="checkbox"/> go to 2	
AND had ANY of the following WHILE IN THAT COUNTRY :		
a) Direct contact with (e.g. handling, slaughtering, de-feathering, butchering, preparation for consumption) well-appearing, sick or dead poultry or wild birds?		
b) Direct contact with surfaces contaminated with poultry feces or poultry parts (carcasses, internal organs, etc.)?	Yes <input type="checkbox"/> → <input type="checkbox"/> Yes No <input type="checkbox"/> go to 2	
c) Consumption of raw or incompletely cooked poultry or poultry products?		
d) Close contact (approach within about 6 feet) with a person who was hospitalized or died due to a severe unexplained respiratory illness?		
e) Visiting a market where live poultry are sold or slaughtered?		
2. Handling samples (animal or human) suspected of containing H5N1 virus in a laboratory or other setting?	No <input type="checkbox"/> go to 3	Yes <input type="checkbox"/>
3. Had close contact (approach within about 6 feet) with confirmed H5N1-infected poultry, wild birds or other animal (e.g. cat or dog)?	No <input type="checkbox"/> go to 4	Yes <input type="checkbox"/>
4. Had close contact (approach within about 6 feet) with an ill person with confirmed H5N1 virus infection?	No <input type="checkbox"/> go to 5	Yes <input type="checkbox"/>
5. Had close contact (approach within about 6 feet) with an ill person who was under investigation for possible H5N1 virus infection?	No <input type="checkbox"/> go to 6	Yes <input type="checkbox"/>
6. Worked with live highly pathogenic avian influenza A (H5N1) virus in a laboratory?	No <input type="checkbox"/> assess	Yes <input type="checkbox"/>

IF HIGH RISK (any check mark in “High Risk” column) →

- Report this subject’s high risk status to his/her health care provider (HCP) and to study PI at NHRC.
- Make HCP aware of the diagnostic resources NHRC has available and procedures to access them.
- Refer to study-specific SOPs and protocol to determine whether to exclude subject from study. If study allows high risk subjects to participate, document high risk status on corresponding case report form (if applicable to the study) and specimen log. Otherwise subject should be excluded.

IF NOT HIGH RISK (no check mark in “High Risk” column) →

- Document subject’s low risk status on the corresponding case report form (if applicable), specimen log and laboratory requisition form. Proceed as usual.

¹ If subject does not know of any exposure described in the question, consider the answer to be “No”.

² See “Countries with Avian Influenza (H5N1) Activity since 2004” (Form BSL3-0.105, compiled by NHRC from OIE website: http://www.oie.int/download/AVIAN%20INFLUENZA/a_AI-Asia.htm).

NHRC Department of Respiratory Diseases Research Countries with Avian Influenza (H5N1) Activity since 2004*

- **Document last updated from OIE website: 21 January 2009**
 - **Should “effective date” (in footer) be more than 2 months old, please consult web site under 2009 updates for additional countries to add to list.**
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Afghanistan	Kazakhstan
Albania	Korea, Republic of
Austria	Kuwait
Azerbaijan	Laos
Bangladesh	Malaysia
Benin	Mongolia
Bosnia and Herzegovina	Montenegro
Bulgaria	Myanmar
Burkina Faso	Nepal
Cambodia	Niger
Cameroon	Nigeria
China	Pakistan
Côte d'Ivoire	Palestinian Territories
Croatia	Phillipines
Czech Republica	Poland
Denmark	Romania
Djibouti	Russia
Egypt	Saudi Arabia
France	Serbia
Georgia	Slovakia
Germany	Slovenia
Ghana	Spain
Greece	Sweden
Hong Kong	Sudan
Hungary	Switzerland
India	Taipei
Indonesia	Thailand
Iran	Togo
Iraq	Turkey
Israel	Ukraine
Italy	United Kingdom
Japan	Vietnam
Jordan	

***From OIE website:**

http://www.oie.int/download/AVIAN%20INFLUENZA/A_AI-Asia.htm