

Guideline on Management Approach of Influenza-like Illness (ILI) & Community-acquired Pneumonia (CAP) Suspected of SARS

<p>Risk Categories* H = High, M = Medium, L = Low</p> <p>* Relative risk only. Each patient should be assessed individually.</p>

Table A
Infection risk stratification of admitted fever/Community Acquired Pneumonia (CAP)

			1	2	3	4
			Contact[^]: Occupation (eg. health care worker, animal handlers) OR visit SARS contaminated environment or patient	Clustering phenomenon with no alternate diagnosis	Positive history of travel to areas with suspected SARS/ No contact history	No Epidemiological link
No CXR proven CAP	A	Fever+ respiratory symptoms with no known cause	H	M	M/L	L
CXR proven CAP	B	Clinically less suggestive of SARS	H	M	M/L	L
	C	Clinically suggestive of SARS	H	H	H	M

[^] **Epidemiological link to SARS:** Health care worker (especially those involved in procedures generating aerosols; household contact with a probable case of SARS; increasing age; male sex; presence of co-morbidities; career and slaughter of wildlife for human consumption in the wet markets of southern China; contact with environmental contaminated by SARS virus with a possible animal vector.

Please refer to document: Consensus document on the epidemiology of severe acute respiratory syndrome (SARS)
 Accessible at: <http://www.who.int/csr/sars/en/WHOconsensus.pdf>

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Table B

Ordering of RT-PCR for SARS specific PCR for patients admitted for fever/Community Acquired Pneumonia (CAP)

<i>Screen epidemiological links with SARS in all cases. If positive, work up for SARS</i>			1	2	3	4
			Contact: Occupation (eg. Lab worker, animal handlers) OR positive contact of SARS	Clustering phenomenon with no alternate diagnosis	Positive history of travel to area with suspected SARS	No Epidemiological link
No CXR proven CAP	A	Fever+ resp symptoms with no known cause	✓	✓/✗	✓/✗	✗
CXR proven CAP	B	Clinically less suggestive of SARS	✓	α	✓	α
	C	Clinically suggestive of SARS	✓	✓	✓	✓

✓ = RT-PCR for SARS is required for clinical management. All categories under “C” AND “1”: require -ve RT-PCR results before discharge.

✗ = RT-PCR for SARS is not required.

✓/✗ = Fever after 72 hours (+/- antibiotics therapy) AND no alternative diagnosis.

α = Fever persists after 72 hours of antibiotics therapy AND no alternative diagnosis.

In view of variations of test sensitivity, stage of illness and size of viral load, results of RT-PCR for SARS testing must be interpreted as supportive data. It has to be considered together with the clinical picture to decide on the course of clinical management.

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Table C

Transfer out of isolation facility AND / OR discharge of cases of fever/Community Acquired Pneumonia (CAP)/ Suspected of Severe Acute Respiratory Syndrome (SARS)

			1	2	3	4
			Contact: Occupation (eg. lab worker) OR Positive contact of SARS patient	Clustering phenomenon with no alternate diagnosis	Positive history of travel to area(s) with suspected SARS	No Epidemiological link
No CXR proven CAP	A	Fever+ resp symptoms with no known cause	<ul style="list-style-type: none"> Positive alternative diagnosis OR According to clinical condition PCR –ve 	<ul style="list-style-type: none"> Positive alternative diagnosis OR According to clinical condition PCR if sent: -ve 	<ul style="list-style-type: none"> Positive alternative diagnosis OR According to clinical condition PCR if sent: -ve 	Not for Admission
CXR proven CAP	B	Clinically less suggestive of Influenza A(H5)	<ul style="list-style-type: none"> Positive alternative diagnosis OR According to clinical condition PCR –ve 	<ul style="list-style-type: none"> Positive alternative diagnosis OR According to clinical condition PCR if sent: -ve 	<ul style="list-style-type: none"> Positive alternative diagnosis OR According to clinical condition PCR if sent: -ve 	<ul style="list-style-type: none"> Positive alternative diagnosis OR According to clinical condition PCR if sent: -ve
	C	Clinically suggestive of Influenza A(H5)	<ul style="list-style-type: none"> Positive alternative diagnosis OR According to clinical condition PCR –ve 	<ul style="list-style-type: none"> Positive alternative diagnosis OR According to clinical condition PCR –ve 	<ul style="list-style-type: none"> PCR:-ve 	<ul style="list-style-type: none"> Positive alternative diagnosis OR According to clinical condition PCR –ve

1. All listed conditions should be fulfilled to qualify a patient for transferring out from isolation facility and/or discharge.
2. **In view of variations of test sensitivity, stage of illness and size of viral load, results of RT-PCR for SARS testing must be interpreted as supportive data. It has to be considered together with the clinical picture to decide on the course of clinical management.**