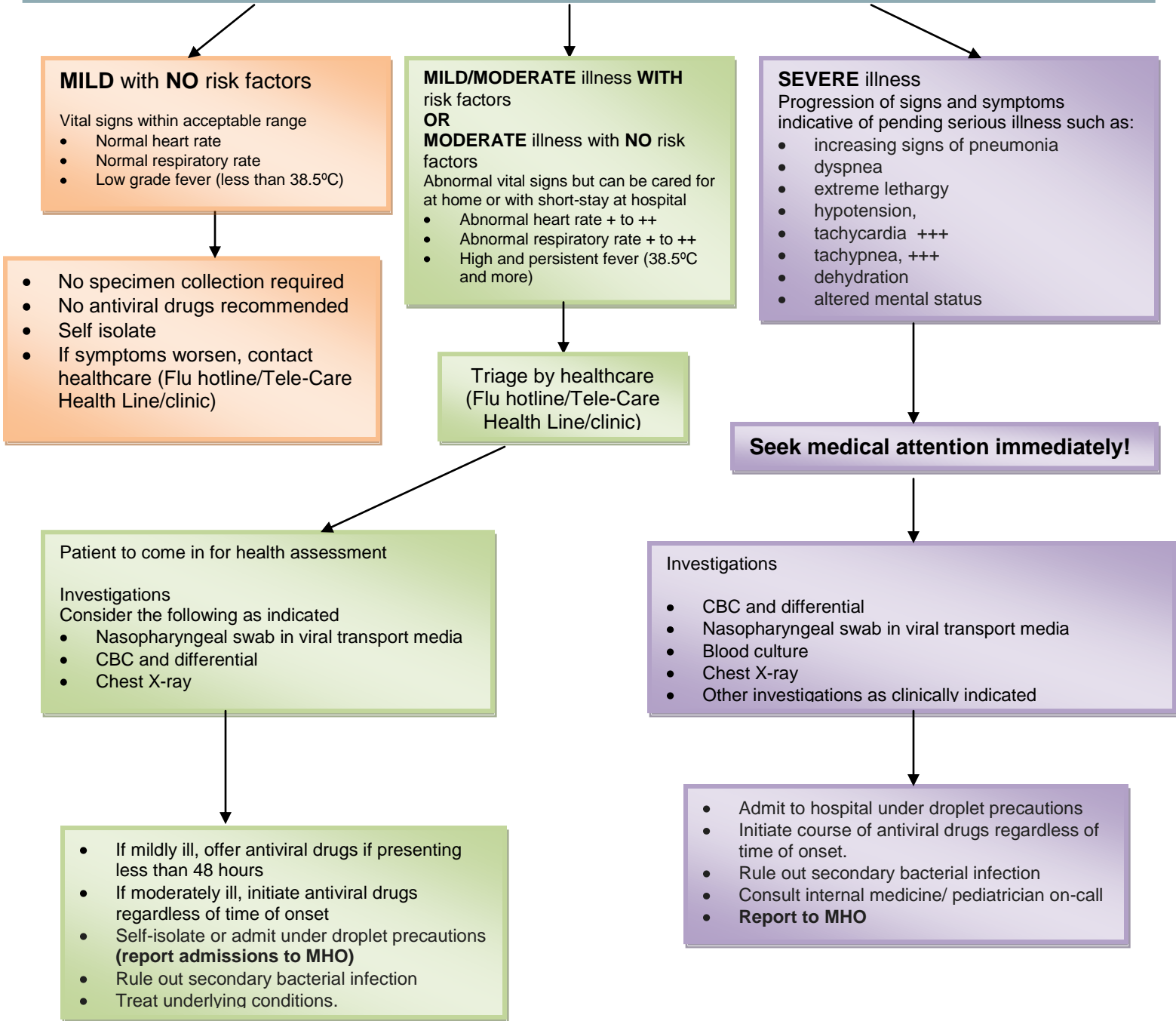


**ASSESSMENT OF POSSIBLE H1N1 INFLUENZA PATIENT** (September 7, 2009)

**H1N1 Influenza:** *Acute onset of respiratory illness with fever and cough and with one or more of the following - sore throat, muscle aches, joint pain or weakness which could be due to influenza virus. Vomiting and diarrhea may also be present. In some cases, fever may not be prominent.*



**CLOSE CONTACTS OF H1N1 CASE:**

<u>Asymptomatic:</u>	<u>Symptomatic</u>
- No isolation	- assess as above
- No antiviral drugs	

**People at high risk of influenza-related complications include the following:**

1. Pregnant women especially 2<sup>nd</sup> or 3<sup>rd</sup> trimester or within 4 weeks post partum
2. Children under 5 years of age
3. Severe obesity (BMI > 40 )
4. Adults and children with selected chronic health conditions if significant enough to require regular medical follow-up or hospital care. These high-risk conditions include the following:
  - cardiac or pulmonary disorders (including bronchopulmonary dysplasia, cystic fibrosis and asthma)
  - diabetes mellitus and other metabolic diseases
  - cancer, immunodeficiency, immunosuppression (due to underlying disease and/or therapy)
  - renal disease
  - anemia or hemoglobinopathy
  - conditions that compromise the management of respiratory secretions and are associated with an increased risk of aspiration
  - children and adolescents with conditions treated for long periods with acetylsalicylic acid
5. People of any age who are residents of nursing homes and other chronic care facilities.
6. People 65 years of age and over

**Antiviral treatment dosing\* recommendations for Adults and Children**

Age Group	Weight	Drug	Dosing Schedule
Adults and children ≥ 13 years of age **		Oseltamivir (Tamiflu®)	75 mg orally twice daily x 5 days
Children age 1 to < 13 years of age	≤ 15 kg	Oseltamivir (Tamiflu®)	30 mg orally twice daily x 5 days
	>15-23 kg	Oseltamivir (Tamiflu®)	45 mg orally twice daily x 5 days
	>23-40 kg	Oseltamivir (Tamiflu®)	60 mg orally twice daily x 5 days
	> 40 kg	Oseltamivir (Tamiflu®)	75 mg orally twice daily x 5 days
Adults and children ≥ 7 years of age		Zanamivir (Relenza®)	2 inhalations twice daily x 5 days

\* Dosages may need to be modified based on the presence of renal disease or other co-morbidities. Refer to product monograph for details and/or consult with internal medicine

\*\* Oseltamivir is the treatment of choice in pregnant women

**Dosing Recommendations for antiviral treatment of children younger than 12 months of age using oseltamivir**

**(Please call physician to authorize)**

Age	Dosing
< 3 months	12 mg orally twice daily for 5 days
3-5 months	20 mg orally twice daily for 5 days
6-11 months	25 mg orally twice daily for 5 days