

Immunization of Patients and Their Families
Against The Novel H1N1 Influenza Virus
Le Bonheur Children's Medical Center (2009-10)

I. Annual immunization is the most effective way to prevent influenza virus infection and its complications. As the vaccine against the novel H1N1 vaccine becomes available, we seek to provide the vaccine to eligible patients hospitalized at Le Bonheur Children's Medical Center and their family members.

II. Note that two forms of the novel H1N1 vaccine will be available (as with seasonal influenza vaccine):

(1) An injectable form of the monovalent H1N1 influenza vaccine (MIV) that will be indicated for anyone 6 months of age or older, and

(2) A nasal-spray (FluMist®) version of the vaccine (live attenuated influenza virus or LAIV) that will be indicated for people 2 to 49 years of age who are healthy and not pregnant.

Exclusions:

(A) Patients (and family members) who should not receive either of the H1N1 (or seasonal) influenza vaccines:

(1) Children less than 6 months of age

(2) Anyone with a severe allergy to chicken eggs or anyone who is allergic to any of the components of the influenza vaccines

(3) Anyone with a history of Guillain-Barré syndrome

(B) Patients (and family members) who should not receive the LAIV (FluMist®) version of the H1N1 (or seasonal vaccine)

(1) Children under 2 years of age

(2) Children under 5 years of age with a history of recurrent wheezing

(3) Pregnant women

(4) People with a medical condition that places them at high risk for complications from influenza, including those with chronic heart or lung disease such as asthma or reactive airways disease; people with medical conditions such as diabetes or kidney failure; or people with illnesses that weaken the immune system, or who take medications that can weaken the immune system.

(5) Children or adolescents receiving aspirin

(6) People who are in contact with others with **severely** weakened immune systems when they are being cared for in a protective environment (for example, people with hematopoietic stem cell transplants). (Note that people who have contact with others with lesser degrees of immunosuppression (for example, people with diabetes, people with asthma taking corticosteroids, or people infected with HIV) can get LAIV (FluMist®)