

Medical Conditions Associated with High Risk of Influenza Complications * Adults 25 – 64 Years of Age

*** The specific medical conditions below are examples and not an all inclusive list.
Hypertension by itself and seasonal allergies are not included.**

Adults with significant medical conditions (respiratory, cardiovascular, endocrine, neurodevelopmental, etc.) are at increased risk of influenza complications and thus recommended to receive both pandemic H1N1 and seasonal influenza vaccine.

Neurologic Disorders

- Brain or spinal cord injuries
- Cerebral palsy
- Epilepsy
- Multiple sclerosis
- Neuromuscular Disorders
 - Muscular dystrophy
- Stroke

Chronic Respiratory Disease

- Asthma
- Chronic obstructive pulmonary disease (COPD)
- Conditions associated with impaired pulmonary function and/or difficulty handling secretions
- Cystic fibrosis
- Technology-dependent adults, requiring oxygen, tracheostomy or ventilator

Developmental Disabilities, especially when associated with specific Neurologic or Chronic Respiratory Disease (see above)

- Autism
- Developmental delay
- Down syndrome
- Intellectual disability (cognitive disability, mental retardation)

Autoimmune & Immunosuppressive Disorders and Therapy

- Cancer
- HIV infection & AIDS
- Transplants

Cardiovascular Disease

- Congenital heart disease
- Congestive heart failure
- Coronary artery disease

Digestive & Hepatic Disorders

- Celiac disease
- Cirrhosis of the liver
- Crohn's disease
- Hepatitis
- Ulcerative colitis

Endocrine Disorders

- Diabetes mellitus

Hematologic Disorders

- Asplenia (functional and surgical)
- Sickle cell disease
- Thalassemia

Metabolic Disorders

- Mitochondrial disorders

Musculoskeletal Disorders

- Immobility

Renal Disorders

- Glomerulonephritis
- Polycystic kidney disease
- Renal failure

Rheumatologic Disorders

- Lupus
- Polymyalgia rheumatica
- Rheumatoid arthritis (RA)
- Sarcoidosis
- Scleroderma
- Systemic lupus erythematosus (SLE)