



Vaccination Concerns for Adults with Diabetes

Influenza Vaccine

What are the contraindications or precautions for recommending the influenza vaccine?

- ❖ A person who has had an allergic reaction to a previous dose of any vaccine should not get another dose.
- ❖ If a person has any moderate or severe illness on the day any vaccine is scheduled, it should probably be delayed until the person has recovered. A mild illness or fever is usually not a reason to delay an immunization.
- ❖ Because the vaccine is derived from eggs, hypersensitivity reactions may occur in persons with extreme egg allergies.
- ❖ It is recommended that pregnant women receive influenza vaccine during their second or third trimester (4th to 9th month). Any woman with diabetes considering pregnancy should get the vaccine before becoming pregnant.

What are possible side effects of influenza vaccination?

- ❖ Local injection-site soreness resolving in 48 hours.
- ❖ Infrequent (>1%) low grade fever and malaise resolving in 48 hours.
- ❖ If the fever is high or lasts longer than 2 days, contacting health care provider is encouraged.
- ❖ Allergic reaction (hives; itching; rash; chest tightness; edema of lips, tongue or throat; trouble breathing). Follow usual precautions for observing patient for 20-30 minutes after injection.

Pneumococcal Vaccine

What are the contraindications or precautions for recommending pneumococcal vaccination?

- ❖ Reconsider vaccination if a severe allergic reaction occurs from a prior dose or vaccine component.
- ❖ If possible, delay vaccination of patients undergoing chemotherapy. If unable to delay, revaccinate three months after completion of therapy.

What are possible side effects for pneumococcal vaccination?

- ❖ Local injection-site soreness, erythema, induration is common.
- ❖ Low grade fever and myalgia infrequently (>1%)
- ❖ Other side effects uncommon

Influenza and Pneumococcal Immunization in Diabetes. Diabetes Care 2004;27(90001):111S-3.

National Foundation for Infection Diseases. Improving influenza vaccination rates in adults and children with diabetes. In: Call to Action. Bethesda, MD: NFID; 2007.

National Foundation for Infection Diseases (NFID). NFID urges increased influenza vaccination rates for persons with diabetes. Bethesda, MD; 2007 Feb 21, 2007.

Nichol KL, Lind A, Margolis KL, et al. The effectiveness of vaccination against influenza in healthy, working adults. N Engl J Med 1995;333:889-93.

Prevention and Control of Influenza: Recommendations of the Advisory Committee on Immunization Practices (ACIP). July 28, 2006/55(RR10);1-42.

<http://www.cdc.gov/flu/professionals/vaccination>.

Shorr A. Preventing Pneumonia: The Role for Pneumococcal and Influenza Vaccines. Clinics. Chest Medicine 2005;26:123-34.

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