

Lung Disease and Asthma



Why vaccines are important to you

- Adults with COPD or asthma are more likely to get complications from the flu.
- COPD and asthma cause your airways to swell and become blocked with mucus, which can make it hard to breathe. Certain vaccine-preventable diseases can also increase swelling of your airways and lungs. The combination of the two can lead to pneumonia and other serious respiratory illnesses.
- Vaccines are one of the safest ways for you to protect your health, even if you are taking prescription medications. Vaccine side effects are usually mild and go away on their own. Severe side effects are very rare.
- Immunization provides the best protection against vaccine-preventable diseases.

Please protect yourself and others by staying up to date on all adult vaccines.

Recommended immunization schedule for adults aged 19 years or older by medical condition and other indications, United States, 2018

This figure should be reviewed with the accompanying footnotes. This figure and the footnotes describe indications for which vaccines, if not previously administered, should be administered unless noted otherwise. Footnotes and the recommended immunization schedule for adults aged 19 years or older by age group may be found at www.cdc.gov/vaccines/schedules/hcp/imz/adult-conditions.html

Vaccine	Pregnancy ^{1,6}	Immuno-compromised (excluding HIV infection) ^{3-7,11}	HIV infection CD4+ count (cells/ μ L) ^{3-7,9-10}		Asplenia, complement deficiencies ^{7,10,11}	End-stage renal disease, on hemodialysis ^{7,9}	Heart or lung disease, alcoholism ⁷	Chronic liver disease ⁷⁻⁹	Diabetes ^{7,9}	Health care personnel ^{3,4,9}	Men who have sex with men ^{6,8,9}	
			<200	\geq 200								
Influenza ¹												1 dose annually
Tdap ² or Td ²	1 dose Tdap each pregnancy											1 dose Tdap, then Td booster every 10 yrs
MMR ³		contraindicated										1 or 2 doses depending on indication
VAR ⁴		contraindicated										2 doses
RZV ⁵ (preferred) or ZVL ⁵												2 doses RZV at age \geq 50 yrs (preferred) or 1 dose ZVL at age \geq 60 yrs
HPV-Female ⁶		3 doses through age 26 yrs										2 or 3 doses through age 26 yrs
HPV-Male ⁶		3 doses through age 26 yrs										2 or 3 doses through age 26 yrs
PCV13 ⁷												1 dose
PPSV23 ⁷												1, 2, or 3 doses depending on indication
HepA ⁸												2 or 3 doses depending on vaccine
HepB ⁹												3 doses
MenACWY ¹⁰												1 or 2 doses depending on indication, then booster every 5 yrs if risk remains
MenB ¹⁰												2 or 3 doses depending on vaccine
Hib ¹¹		3 doses HSCT recipients only										1 dose

Recommended for adults who meet the age requirement, lack documentation of vaccination, or lack evidence of past infection

Recommended for adults with other indications

Contraindicated

No recommendation

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