

Recommended Immunization Schedule for Adults Aged 19 Years or Older by Medical Condition and other Indications

Adapted from Impact of Human Papillomavirus (HPV)

By Ashley Meredith, PharmD, BCACP, BCPS, CDE, FCCP

Vaccine	Pregnancy ^{1,6,8}	Immuno-compromised (excluding HIV infection) ^{9,11}	HIV infection CD4+ count (cells/ μ L) ^{7,10,11}		Asplenia, persistent complement deficiencies ^{7,10,11}	Kidney failure, end-stage renal disease, on hemodialysis ^{7,9}	Heart or lung disease, chronic alcoholism ⁷	Chronic liver disease ^{7,9}	Diabetes ^{7,9}	Healthcare personnel ^{4,8}	Men who have sex with men ^{4,8}	
			< 200	\geq 200								
Influenza ¹												1 dose annually
Td/Tdap ³	1 dose Tdap each pregnancy											Substitute Tdap for Td once, then Td booster every 10 yrs
MMR ²		contraindicated										1 or 2 doses depending on indication
VAR ⁴		contraindicated										2 doses
HZV ⁵		contraindicated										1 dose
HPV-Female ⁶												3 doses through age 26 yrs
HPV-Male ⁶			3 doses through age 26 yrs									3 doses through age 21 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 ⁸												3 doses
MenACWY or MPSV4 ¹⁰												1 or more doses depending on indication
MenB ¹⁰												2 or 3 doses depending on vaccine
Hib ¹¹			3 doses post-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 additional medical conditions or other indications
 Contraindicated
 No recommendation

Resources:

- Image available at: <https://www.cdc.gov/vaccines/schedules/downloads/adult/adult-combined-schedule.pdf>