

Supplementary Online Content

Sha BE. Adult immunization update. *JAMA*. doi:10.1001/jama.2019.12739

eTable. 2019 Recommended Adult Immunization Schedule for ages 19 years or older*

This supplementary material has been provided by the authors to give readers additional information about their work.

eTable. 2019 Recommended Adult Immunization Schedule for ages 19 years or older*

Vaccine	19-26 years	27-49 years	50-64 years	≥65 years
Influenza inactivated or Influenza recombinant or Influenza live attenuated	1 dose annually or 1 dose annually			
Tetanus, diphtheria, pertussis (Tdap or Td)	1 dose Tdap, then Td booster every 10 years			
Measles, mumps, rubella (MMR)	1 or 2 doses depending on indication (if born in 1957 or later)			
Varicella	2 doses (if born 1980 or later)			
Zoster recombinant (RZV) (preferred) or Zoster live (ZVL)			2 doses or 1 dose if 60 years or older	
Human papillomavirus (HPV)	3 doses if not previously received	Consider to age 45 years		
Pneumococcal conjugate (PCV13)	1 dose if at risk			Consider if no prior dose
Pneumococcal polysaccharide (PPSV23)	1 or 2 doses depending on indication if at risk			1 dose
Hepatitis A	2 or 3 doses depending on vaccine if at risk			
Hepatitis B	2 or 3 doses depending on vaccine if at risk			
Meningococcal A, C, W, Y (MenACWY)	1 or 2 doses depending on indication if at risk, then booster doses every 5 years if risk remains			
Meningococcal B (MenB)	2 or 3 doses depending on vaccine if at risk, then booster doses (see text) if risk remains			
Haemophilus influenza type b	1 or 3 doses depending on indication if at risk			

*modified from <https://www.cdc.gov/vaccines/schedules/downloads/adult/adult-combined-schedule.pdf>

Yellow shading indicates vaccine is routinely recommended.