

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.