

Immunization Recommendations for Gay, Bisexual, and Other Men Who Have Sex with Men (GBMSM)^{1,2}

Vaccine	Vaccine Options and Schedule	Recommendations and Considerations
Hepatitis A (HepA)	▪ Havrix[®], Vaqta[®]: 2 doses, 6 months apart ▪ Twinrix[®] (combination HepA/HepB; if ages ≥ 18 years): 3 doses, 0, 1, and 6 months apart	Outbreaks & GI syndromes caused by enteric pathogens or common sexually transmitted infections (STIs) can occur among sexual/social networks. For People with HIV (PWH): Check titers > 1 month following HepA series completion.
Hepatitis B (HepB)³	▪ Engerix-B[®], Recombivax HB[®] (if ages ≥ 18 years): 3 doses, 0, 1, and 6 months apart ▪ Heplisav-B[®] (if ages ≥ 18 years): 2 doses, 1 month apart ▪ Twinrix[®] (combination HepA/HepB; if ages ≥ 18 years): 3 doses, 0, 1, and 6 months apart	For PWH: Consider double-dose strategy with Engerix-B[®] or Recombivax HB[®]. Check titers >1 month following HepB series completion.
Human papillomavirus (HPV)³	▪ Gardasil 9[®]: ▫ ages 9-14 years: 2 doses, 6-12 months apart ▫ ages 15-45 years: 3 doses, 0, 1-2, and 6 months apart	Shared clinical decision-making for ages 27-45 years.
Meningococcal A, C, W, Y conjugate (MenACWY)	▪ MenQuadfi[®], Menveo[®]: ▫ Adolescents: 2 doses (at ages 11-12 years and 16-18 years); 1 dose (if first dose at ages 16-18 years) ▫ Adults at increased risk: 1 or 2 doses depending on risk factors.	For PWH: 2 doses, 2 months apart. California Department of Public Health (CDPH) recommends MenACWY for MSM and transgender people who have sex with men (1 dose) due to outbreaks of serogroup C invasive meningococcal disease in the United States.
Meningococcal B (MenB)	▪ Bexsero[®]: 2 doses, 6 months apart ▪ Trumenba[®]: 2 doses, 6 months apart	Shared clinical decision-making for ages 16-23 years. If a patient is receiving MenACWY and MenB vaccines at the same visit, MenABCWY (Penbraya[™]) may be given instead. If a patient receives Penbraya, which includes Trumenba, subsequent Men B dose(s) must include Trumenba, since MenB brands are not interchangeable.
Mpox virus	▪ JYNNEOS[®]: 2 doses, 28 days apart	JYNNEOS[®] can be given intradermally or subcutaneously (SC). If age < 18 years or with history of keloid scars, give SC. Minor Consent for Mpox Treatment.

¹ [Comprehensive care for GBMSM](#) includes additional routine immunizations not listed above (see [Immunization Schedules | CDC](#)) and a review of both [STI](#) and [HIV](#) risk and prevention strategies (e.g., [doxy-PEP](#), [EPT](#), HIV [PEP/PrEP](#), [U=U/TasP](#)).

² Vaccine doses administered ≤ 4 days before the minimum interval or age are considered valid. There is no maximum interval between vaccine doses. See [Recommended and minimum ages and intervals between vaccine doses | CDC](#).

³ Adolescents age ≥ 12 years can seek sexual health services without parental consent. See [California Minor Consent and Confidentiality Laws](#).