

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)	<ul style="list-style-type: none"> ▪ Havrix[®], Vaqta[®]: 2 doses, 6 months apart ▪ Twinrix[®] (combination HepA/HepB; if ages ≥ 18 years): 3 doses, 0, 1, and 6 months apart 	<p>Outbreaks & GI syndromes caused by enteric pathogens or common sexually transmitted infections (STIs) can occur among sexual/social networks.</p> <p>For People with HIV (PWH): Check titers > 1 month following HepA series completion.</p>
Hepatitis B (HepB)³	<ul style="list-style-type: none"> ▪ 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 	<p>For PWH: Consider double-dose strategy with Engerix-B[®] or Recombivax HB[®]. Check titers >1 month following HepB series completion.</p>
Human papillomavirus (HPV)³	<ul style="list-style-type: none"> ▪ Gardasil 9[®]: <ul style="list-style-type: none"> ▫ ages 9-14 years: 2 doses, 6-12 months apart ▫ ages 15-45 years: 3 doses, 0, 1-2, and 6 months apart 	<p>Shared clinical decision-making for ages 27-45 years.</p>
Meningococcal A, C, W, Y conjugate (MenACWY)	<ul style="list-style-type: none"> ▪ MenQuadfi[®], Menveo[®]: <ul style="list-style-type: none"> ▫ 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. 	<p>For PWH: 2 doses, 2 months apart.</p> <p>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.</p>
Meningococcal B (MenB)	<ul style="list-style-type: none"> ▪ Bexsero[®]: 2 doses, 6 months apart ▪ Trumenba[®]: 2 doses, 6 months apart 	<p>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.</p>
Mpox virus	<ul style="list-style-type: none"> ▪ JYNNEOS[®]: 2 doses, 28 days apart 	<p>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.</p>

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](#).

