

# Immunization Recommendations for Gay, Bisexual, and Other Men Who Have Sex with Men (GBMSM)<sup>1,2</sup>

Vaccine	Vaccine Options and Schedule	Recommendations and Considerations
<b>Hepatitis A (HepA)</b>	<ul style="list-style-type: none"> <li>▪ <b>Havrix<sup>®</sup>, Vaqta<sup>®</sup></b>: 2 doses, 6 months apart</li> <li>▪ <b>Twinrix<sup>®</sup></b> (combination HepA/HepB; if ages ≥ 18 years): 3 doses, 0, 1, and 6 months apart</li> </ul>	<p>Outbreaks &amp; <a href="#">GI syndromes</a> caused by enteric pathogens or common sexually transmitted infections (STIs) can occur among sexual/social networks.</p> <p><b>For People with HIV (PWH):</b> <a href="#">Check titers &gt; 1 month following HepA series completion.</a></p>
<b>Hepatitis B (HepB)<sup>3</sup></b>	<ul style="list-style-type: none"> <li>▪ <b>Engerix-B<sup>®</sup>, Recombivax HB<sup>®</sup>, PreHevbrio<sup>®</sup></b> (if ages ≥ 18 years): 3 doses, 0, 1, and 6 months apart</li> <li>▪ <b>Heplisav-B<sup>®</sup></b> (if ages ≥ 18 years): 2 doses, 1 month apart</li> <li>▪ <b>Twinrix<sup>®</sup></b> (combination HepA/HepB; if ages ≥ 18 years): 3 doses, 0, 1, and 6 months apart</li> </ul>	<p><b>For PWH:</b> Consider <a href="#">double-dose strategy</a> with Engerix-B<sup>®</sup> or Recombivax HB<sup>®</sup>. <a href="#">Check titers &gt;1 month following HepB series completion.</a></p>
<b>Human papillomavirus (HPV)<sup>3</sup></b>	<ul style="list-style-type: none"> <li>▪ <b>Gardasil 9<sup>®</sup></b>: <ul style="list-style-type: none"> <li>▫ ages 9-14 years: 2 doses, 6-12 months apart</li> <li>▫ ages 15-45 years: 3 doses, 0, 1-2, and 6 months apart</li> </ul> </li> </ul>	<p>Shared clinical decision-making for ages 27-45 years.</p>
<b>Meningococcal A, C, W, Y conjugate (MenACWY)</b>	<ul style="list-style-type: none"> <li>▪ <b>MenQuadfi<sup>®</sup>, Menveo<sup>®</sup></b>: <ul style="list-style-type: none"> <li>▫ Adolescents: 2 doses (at ages 11-12 years and 16-18 years); 1 dose (if first dose at ages 16-18 years)</li> <li>▫ Adults at increased risk: 1 or 2 doses depending on risk factors.</li> </ul> </li> </ul>	<p><b>For PWH:</b> 2 doses, 2 months apart.</p> <p><a href="#">California Department of Public Health (CDPH) recommends MenACWY</a> 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>
<b>Meningococcal B (MenB)</b>	<ul style="list-style-type: none"> <li>▪ <b>Bexsero<sup>®</sup></b>: 2 doses, 1 month apart</li> <li>▪ <b>Trumenba<sup>®</sup></b>: 2 doses, 6 months apart</li> </ul>	<p>Shared clinical decision-making for ages 16-23 years.</p>
<b>Mpox virus</b>	<ul style="list-style-type: none"> <li>▪ <b>JYNNEOS<sup>®</sup></b>: 2 doses, 1 month apart</li> </ul>	<p><a href="#">JYNNEOS<sup>®</sup> can be given intradermally or subcutaneously (SC).</a> If age &lt; 18 years or with history of keloid scars, give SC. <a href="#">Minor Consent for Mpox Treatment.</a></p>

<sup>1</sup> [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](#)).

<sup>2</sup> 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](#).

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

