

## ROUTINE VACCINATIONS FOR OLDER ADULTS (≥50y/o)



Vaccine	Shingles Shingrix® (preferred) Zostavax®	Pneumococcal PCV13 - Prevnar 13® PPSV23 - Pneumovax 23®	Influenza All quadrivalent in 2021	Covid-19 Vaccine Pfizer-BioNTech Moderna Johnson-Johnson
Mechanism	Shingrix: inactivated, recombinant Zostavax: live	PCV13: inactivated, conjugate • PPSV23: inactivated, polysaccharide	Fluzone: inactivated, high dose Fluad: inactivated, adjuvanted Flucelvax – egg free	Pfizer-BioNTech: mRNA Moderna: mRNA Johnson-Johnson: Viral Vector
Side Effects	<ul style="list-style-type: none"> <li>Sore arm with mild to moderate pain</li> <li>Redness or swelling at injection site</li> <li>Tiredness, muscle pain, headache, shivering, fever, stomach pain, and nausea</li> </ul>	<p><b>PCV13</b></p> <ul style="list-style-type: none"> <li>Redness, swelling, pain, or tenderness at injection site</li> <li>Fever, loss of appetite, fussiness, tiredness, headache, and chills</li> </ul> <p><b>PPSV23</b></p> <ul style="list-style-type: none"> <li>Redness or pain at injection site</li> <li>Tiredness, fever, or muscle aches</li> </ul>	<ul style="list-style-type: none"> <li>Soreness, redness, and swelling and injection site</li> <li>Fever, muscle aches, and headache</li> <li>Increased risk of Guillain-Barre Syndrome (GBS)</li> </ul>	<p>In the arm where you got the shot:</p> <ul style="list-style-type: none"> <li>Pain</li> <li>Redness</li> <li>Swelling</li> </ul> <p>Throughout the rest of your body:</p> <ul style="list-style-type: none"> <li>Tiredness</li> <li>Headache</li> <li>Muscle pain</li> <li>Chills</li> <li>Fever</li> <li>Nausea</li> </ul>
Cost	<ul style="list-style-type: none"> <li>Medicare Part D covers it, but there may be a cost or copay</li> </ul>	<ul style="list-style-type: none"> <li>Medicare Part B covers 100% of cost when given ≥12 months apart</li> </ul>	<ul style="list-style-type: none"> <li>Medicare Part B covers 1 flu shot every flu season</li> </ul>	<ul style="list-style-type: none"> <li>Medicare covers FDA-authorized COVID-19 vaccines.</li> </ul>
Many private insurances cover these vaccinations without additional patient costs. Please check with your insurance for specific vaccine coverage.				
Timing	<p><b>Shingrix (preferred):</b></p> <ul style="list-style-type: none"> <li>Adults ≥ 50: 2 doses that are 2-6 months apart, regardless of previous herpes zoster or Zostavax vaccination (give Shingrix at least 2 months after Zostavax if previously given)</li> </ul> <p><b>Zostavax (if used):</b></p> <ul style="list-style-type: none"> <li>Adults ≥ 60: 1 dose</li> </ul>	<p><b>PCV13</b></p> <ul style="list-style-type: none"> <li>Adults ≥ 65 with high-risk conditions (cochlear implant, CSF leak, or immunocompromised): 1 dose if not given before</li> <li>Adults ≥ 65 (non-high risk): shared clinical-decision making</li> </ul> <p><b>PPSV23</b></p> <ul style="list-style-type: none"> <li>Adults ≥ 65: 1 dose                             <ul style="list-style-type: none"> <li>At least 1 year after PCV13 (8 weeks if high risk person)</li> </ul> </li> <li>At least 5 years after any prior PPSV23 dose</li> </ul>	<p>1 dose in September – October</p> <ul style="list-style-type: none"> <li>Can get it in January or later</li> </ul>	<p><b>Pfizer:</b> 2 shots, 21 days apart</p> <ul style="list-style-type: none"> <li>FDA approved for ≥16y/o</li> <li>Some immunocompromised people should get 3 shots</li> <li>Does NOT Contain: Eggs, preservatives, latex, metals</li> </ul> <p><b>Moderna:</b> 2 shots, 28 days apart</p> <ul style="list-style-type: none"> <li>Emergency Use Authorization for ≥ 18y/o</li> <li>Some immunocompromised people should get 3 shots</li> <li>Does NOT Contain: Eggs, preservatives, latex, metals</li> </ul> <p><b>Johnson-Johnson:</b> 1 shot</p> <ul style="list-style-type: none"> <li>Does NOT Contain: Eggs, preservatives, latex, metals</li> <li>Emergency Use Authorization for ≥ 18y/o</li> <li>Can cause a very rare and serious type of blood clot</li> </ul>
Availability	<ul style="list-style-type: none"> <li>Doctor's office</li> <li>Local pharmacy</li> </ul>	<ul style="list-style-type: none"> <li>Doctor's office</li> <li>Local pharmacy</li> </ul>	<ul style="list-style-type: none"> <li>Doctor's office</li> <li>Local pharmacy</li> </ul>	<ul style="list-style-type: none"> <li>Doctor's office</li> <li>Local pharmacy</li> </ul>
Additional Information	<ul style="list-style-type: none"> <li>In the U.S., about 1 in 3 people will develop shingles in their lifetime</li> <li>2 doses of Shingrix are more than 90% effective at preventing shingles.</li> </ul>	<ul style="list-style-type: none"> <li>Older adults are at a greater risk for morbidity and mortality due to pneumococcal disease.</li> <li>At least 1 dose of pneumococcal conjugate vaccine protects 45 in 100 adults 65 years or older against pneumococcal pneumonia.</li> </ul>	<ul style="list-style-type: none"> <li>Approximately 70-85% of seasonal flu-related deaths have occurred in adults 65 and older.</li> <li>The 2 vaccines designed for &gt;65y/o for better immune response are high dose (Fluzone High-Dose) and adjuvanted (Fluad)</li> </ul>	<ul style="list-style-type: none"> <li>IF have had COVID-19, research has not yet shown how long you are protected from getting COVID-19 again. Some new evidence shows fully vaccinated have better protection compared with having had COVID-19.</li> <li>If treated for COVID-19 with monoclonal antibodies or convalescent plasma, wait 90 days before getting a COVID-19 vaccine.</li> </ul>