

	LIVE ATTENUATED VACCINES	INACTIVATED VACCINES
Overall comments	More effective	Less effective
Diseases	Measles, Mumps, Rubella	(1) .....
Ways to produce	<p>1<sup>st</sup> way: (2) ..... virus related to the real pathogen</p> <p>2<sup>nd</sup> way:</p> <ul style="list-style-type: none"> <li>• weaken the virus in (3) .....</li> <li>• purify the vaccination solution</li> <li>• (4) ..... the vaccine orally or by injection</li> </ul>	<p>A pathogenic virus → rendered to harmless, or (5) ..... (with chemicals, heat, radiation)</p>
Effectiveness	<p>Attenuated virus → strong immune response → more (6) .....(2 words)</p> <p>Produce more (7) ..... Potent</p>	→ weaker immune system response
Doses	One or two doses	Several additional doses ((8) .....
Problems	<p>Lower level of safety</p> <p>Virus (9) ..... back to original virulent form → cause true (10) .....</p>	<p>Safer</p> <p>Dead viruses can't mutate</p>
Recommended for	Not for people with compromised immune system (11) ..... women)	