# Equine Diseases & Treatments

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<th>Disease</th>
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| **Encephalomyelitis**                               | Carried and transmitted by mosquitoes; results in inflammation of the nervous system, including the brain | - From vaccinated mares: 3-dose series at 6, 7 & 9 mos of age  
- From unvaccinated mares: 3-dose series at 3, 4 & 6 mos of age | 1 to 3 years of age: Vaccinate 3 times a year | Booster 4 to 6 weeks prior to delivery date | Annually; spring |
| **Equine Viral Rhinopneumonitis**                   | Highly infectious herpesvirus, which causes acute fever & respiratory distress characterized by rhinopharyngitis and tracheobronchitis. | 3-dose series starting at 6 mos of age, 4 wks apart | Booster at 1 yr of age | Semi-annual, with 1 booster using killed vaccine 4 to 6 wks prior to foaling | Annually, or based on susceptibility; vaccinate performance horses (2 to 4 yrs of age) every 6 mos |
| **Influenza**                                       | Highly contagious viral respiratory infection; horses 1 to 5 yrs are most susceptible | From vaccinated mares: 3-dose series at 9, 10 & 12 mos (killed vaccine)  
From unvaccinated mares: 3-dose series at 6, 7 & 8 mos; 3-month intervals thereafter  
Intranasal MLV: 1st dose given at 11 mos or older; booster every 6 mos | Every 6 mos (intranasal vaccine) | Booster 4 to 6 wks prior to foaling | Semi-annual; with 1 booster using killed vaccine 4 to 6 wks prior to foaling |
| **Potomac Horse Fever**                             | Bacterial disease affecting multiple systems; causes symptoms of lethargy, diarrhea, mild colic or laminitis | Initial vaccination given at 5 to 6 mos of age; booster in 4 wks | | | Annually; or based on susceptibility; vaccinate performance horses (2 to 4 yrs of age) every 6 mos |
| **Rabies**                                          | Fatal viral disease of the nervous system; transmissible to humans & other species | From vaccinated mares: 3-dose series starting at 6 mos of age or older  
From unvaccinated mares: Start 3-dose series at 3 mos of age | | Booster 4 to 6 wks prior to breeding or 4 to 6 wks before foaling | Annually |
| **Rotavirus**                                       | Viral disease, usually affecting foals; causes profuse, watery and malodorous diarrhea | Foals are protected through colostrum | | | | |
| **Strangles**                                       | Contagious bacterial upper-respiratory tract infection; vaccination is generally recommended only in situations or on premises where the disease has been problematic | Killed vaccine: 3-dose series starting at 4 to 6 mos of age; booster in 4-wk intervals  
MLV-intranasal: 3-dose series starting at 6 to 9 mos of age; booster in 3 to 4 wks, and again at 12 mos of age | | | Optional, depending on risk; annually, booster w/ killed vaccine 4 to 6 wks prior to foaling |
| **Tetanus Toxoid**                                  | Bacterial infection, which attacks the nervous system, causing the muscles to tighten | From vaccinated mares: 3-dose series at 6, 7 & 9 mos of age  
From unvaccinated mares: 3-dose series at 3, 4 & 6 mos of age | | Booster 4 to 6 weeks prior to delivery date | Oral; as needed |
| **West Nile Virus**                                 | Viral infection carried by mosquitoes, resulting in the inflammation of the nervous system, including the brain | From vaccinated mares: 3-dose series starting at 4 to 6 mos of age  
From unvaccinated mares: Start 3-dose series at 3 mos of age | Booster every 4 to 6 mos, depending on risk | Booster 4 to 6 wks prior to delivery date using an inactivated (killed) vaccine | Annually, unless otherwise specified by your veterinarian |

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