Table 4: Rabies Post-Exposure Prophylaxis for Immunocompromised Persons

<table>
<thead>
<tr>
<th>Vaccination Status</th>
<th>Treatment/Testing</th>
<th>Dosage/Administration Guidelines for All Ages</th>
<th>Day of Regimen</th>
</tr>
</thead>
</table>
| **Immunocompromised, Unvaccinated Persons** | • Wound cleansing  
• Tetanus toxoid booster*  
• Human rabies immune globulin (HRIG) | • 20 IU/kg body weight  
• Infiltrate HRIG into and around wound  
• Remaining HRIG given IM at a site distant from the vaccination site | Day 0  
(can be given up to day 7) |
| | • Rabies vaccine | • **Five** 1.0 mL doses, given IM  
  ▪ Adults/older children: deltoid area  
  ▪ Young children: anterolateral thigh  
  ▪ Never in gluteals | Days 0, 3, 7, 14, 28 |
| | • Post vaccination serologic testing | • Submit serum (2cc) for rabies antibody titer by RFFIT‡  
  • Adequate antibody titer: complete neutralization at ≥1:5 dilution (or its equivalent, 0.1-0.2 IU/mL) by the RFFIT method | 7-14 days following PEP completion |
| **Immunocompromised, Previously Vaccinated Persons†** | • Wound cleansing  
• Tetanus toxoid booster*  
• Rabies vaccine | • **DO NOT** give HRIG | Days 0, 3 |
| | | • **Two** 1.0 mL doses, given IM  
  ▪ Adults/older children: deltoid area  
  ▪ Young children: anterolateral thigh  
  ▪ Never in gluteals | |
| | • Post vaccination serologic testing | • Submit serum (2cc) for rabies antibody titer by RFFIT‡  
  • Adequate antibody titer: complete neutralization at ≥1:5 dilution (or its equivalent, 0.1-0.2 IU/mL) by the RFFIT method | 7-14 days following PEP completion |

* Indicated if last tetanus vaccine was more than 5 years prior to exposure  
† Completed pre- or post-exposure regimen of human diploid cell vaccine (HDCV) or purified chick embryo cell vaccine (PCEC) within the past 20 years, or received another vaccine with documented serum titer corresponding to complete neutralization at ≥1:5 serum dilution (or its equivalent, approximately 0.1-0.2 IU/mL) by the rapid fluorescent focus inhibition test (RFFIT).  
‡ Refer to page 15 for laboratories that offer the RFFIT

Excerpt from “Animal Bites and Rabies Risk: A Guide For Health Professionals” 8/2014