

RABIES POSTEXPOSURE PROPHYLAXIS

CENTER FOR ZONOTIC AND VECTOR-BORNE DISEASES

NOT PREVIOUSLY VACCINATED

TREATMENT	REGIMEN
	These regimens are applicable for all age groups, including children. As for any biologic, consult the package insert prior to administration.
Wound cleansing	All postexposure prophylaxis should begin with immediate thorough cleansing of all wounds with soap and water. If available, a virucidal agent such as a povidone iodine solution should be used to irrigate the wounds
Rabies Immune Globulin (RIG)	<p>20 IU per kg body weight. For RIG (IMOGAM[®] Rabies HT and Bayrab[™]),</p> <ul style="list-style-type: none"> • 20 IU/kg is equivalent to 0.133 mL/kg • 20 IU/kg is equivalent to 0.06 mL/lb • 2ml or every 33 pounds body weight <p>If anatomically feasible, the full dose should be infiltrated around the wound(s) and any remaining volume should be administered intramuscularly (IM) at an anatomical site distant from vaccine administration. RIG should not be administered in the same syringe as vaccine. Because RIG might partially suppress active production of antibody, no more than the recommended dose should be given.</p>
Vaccine	<p>1.0 mL of human diploid cell vaccine (HDCV) or purified chick embryo cell vaccine (PCEC) administered IM (deltoid area), on days 0, 3, 7, and 14. Day 0 is the day the first dose of vaccine is administered.</p> <p>Immunocompromised persons should receive five doses of vaccine, administered on days 0, 3, 7, 14, and 28 retrospectively.</p>

PREVIOUSLY VACCINATED

Any person with a history of preexposure vaccination or prior postexposure prophylaxis with HDCV or PCEC, or previous vaccination with any other type of rabies vaccine and a documented history of antibody response to the prior vaccination

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Wound cleansing	All postexposure prophylaxis should begin with immediate thorough cleansing of all wounds with soap and water. If available, a virucidal agent such as a povidone-iodine solution should be used to irrigate the wounds.
Rabies Immune Globulin (RIG)	RIG should not be administered.
Vaccine	<p>1.0 mL of HDCV or PCEC administered IM (deltoid area), on days 0 and 3.</p> <ul style="list-style-type: none"> • For adults and older children, the deltoid muscle is the only acceptable site of vaccination. • For younger children, the outer aspect of the thigh muscle (vastus lateralis) may be used. • Vaccine should never be administered in the gluteal area.