

SUMMARY OF RABIES POST-EXPOSURE PROPHYLAXIS (PEP) TREATMENT

WOUND CLEANSING

All PEP should begin with immediate thorough cleansing of all wounds with soap and water. If available, a virucidal agent such as providone-iodine solution should be used to irrigate wounds.

RABIES POST-EXPOSURE PROPHYLAXIS (PEP) FOR PERSONS NOT PREVIOUSLY IMMUNIZED

PRODUCT	ROUTE	SITE	EACH DOSE	# DOSES	SCHEDULE
Globulin*	Infiltrate around bite; excess IM	Wound; Deltoid or gluteus	20 IU/kg (0.133 mL/kg)	1	Day 0
Vaccine**	IM	Deltoid (anterolateral thigh)	1.0 mL	5	Days 0, 3, 7, 14 and 28

*Globulin = Human Rabies Immune Globulin (HRIG, i.e., “Imogam” or “HyperRab”)

- If anatomically feasible, the full dose of HRIG should be thoroughly infiltrated in the area around and into the wound. Any remaining volume should be injected intramuscularly at a site distant from the vaccine.
- HRIG is given at a dose of 20 IU/KG of body weight (0.133 mL/kg) all on Day 0.
- HRIG is administered only once, at the beginning of prophylaxis, to a previously unvaccinated person to provide immediate antibodies until the patient responds to vaccine by actively producing antibodies.
- If HRIG was not administered when vaccination was begun, it can be administered through the seventh day after the administration of the first dose of vaccine. Beyond the seventh day, HRIG is not indicated since an antibody response to rabies vaccine is presumed to have occurred.

** Vaccine = Human Vaccine (Human Diploid Cell Vaccine (HDCV) = “Imovax” and Purified chick embryo cell vaccine (PCECV) = “RabAvert”)

- Give 1.0 ml IM in the deltoid on days 0, 3, 7, 14, 28. Anterolateral thigh may be used in infants and young children.
- Administer first vaccine dose in a separate syringe at a site distant from HRIG. Do not mix with HRIG. Subsequent doses (2-5) may be administered in the same location as RIG (e.g., deltoid, anterolateral thigh) if that is the preferred site for administration.
- This vaccine schedule is the only schedule recommended by the Centers for Disease Control and Prevention (CDC) shown to prevent human rabies. Should any variation from the above schedule occur, public health consultation must be obtained immediately.
- Appropriate completion of the series is the responsibility of the treating physician.

SUMMARY OF RABIES POST-EXPOSURE PROPHYLAXIS (PEP) TREATMENT

RABIES POST-EXPOSURE PROPHYLAXIS (PEP) FOR PREVIOUSLY IMMUNIZED PERSONS

- **Previously immunized:** any person with a history of a complete pre-exposure or postexposure vaccination regimen with HDCV, PCECV or rabies vaccine adsorbed, or previous vaccination with any other type of rabies vaccine and a documented history of antibody response to the prior vaccination.
- **Wound cleansing:** Immediately and thoroughly clean the wound as above.
- **RIG:** Do not give RIG.
- **Vaccine:** HDCV or PCECV 1.0 mL, IM, one each on day 0 and day 3. The deltoid is recommended for older children and adults. The anterolateral thigh is recommended for infants and young children.

Other considerations:

- **Tetanus:** should be brought up to date.
- **Antimicrobial prophylaxis:** should be considered for some bite wounds.

Package Insert, VIS, MMWR:

- As always, refer to the package insert for additional considerations.
- The CDC Vaccine Information Statement (VIS) should be given to each patient receiving vaccine:
<http://www.cdc.gov/vaccines/pubs/vis/downloads/vis-rabies.pdf>
- Complete CDC Recommendations for human rabies prevention are available at:
<http://www.cdc.gov/mmwr/pdf/rr/rr57e507.pdf>

***** Vaccine and RIG ordering - PEP Medication through patient's expense (or insurance):**

IMOVAX; IMO GAM: Sanofi Pasteur 1-800-822-2463 <http://www.vaccineplace.com/products/>

RABA VERT: Novartis Vaccines and Diagnostics 1-800-244-7668 <http://www.rabavert.com>

HYPERRAB: Talecris Biotherapeutics 1-800-243-4153 <http://www.talecris-pi.info>

***** PEP for indigent patients:**

Sanofi Pasteur (National Organization for Rare Disorders): 877-798-8716 or

e-mail=nnadiq@rarediseases.org

Novartis : <http://www.corporatecitizenship.novartis.com/patients/drug-pricing/assistance-programs.shtml>

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