

Rabies Prophylaxis

What is rabies post-exposure prophylaxis (PEP)?

- PEP is treatment after an exposure to a rabid or potentially rabid animal.
- For people who have never been vaccinated against rabies, a combination of 1 dose human rabies immune globulin (HRIG) and 4 doses of vaccine are needed.
- People who received rabies pre-exposure vaccine should only receive 2 doses of vaccine and no HRIG.

What is rabies pre-exposure prophylaxis?

- Three doses of rabies vaccine are needed for people at risk for rabies exposure, for example laboratorians, animal control and wildlife officers, veterinarians, or travelers to a country where rabies is widespread.
- HRIG should not be given as preexposure prophylaxis.

Who determines if rabies PEP is needed?

- By Alabama law, a physician must determine the exposure. Exposure is defined as anyone potentially exposed to animal saliva or nerve tissue through a bite, scratch, or contact with mucous membrane.
- Please see the ADPH Rabies Flyer for decision flow charts, www.adph.org/epi, Rabies.

Who supplies the rabies vaccine and HRIG?

- The physician can order the rabies vaccine (CPT code 90675) and HRIG (CPT code 90376) from the manufacturers:
 - Sanofi Pasteur, 1-800-822-2463
 - Novartis, 1-877-683-4732
 - Talecris, 1-800-243-4153
- For patients who are uninsured or underinsured, the rabies vaccine manufacturers have patient assistance programs:
 - Sanofi Pasteur Patient Assistance Program (Franklin Group), 1-866- 801-5655
 - Novartis Patient Assistance Program (RX for Hope), 1-800-589-0837
- Go to www.adph.org/epi, Rabies to see Alabama healthcare providers who have agreed to offer rabies prophylaxis.

Where can I find more information?

- Go to cdc.gov and type Rabies in SEARCH box.



Rabies Post-exposure Prophylaxis (PEP) for Non-immunized People

Treatment	Regimen
Wound Cleansing	Clean immediately with soap and water. If possible, irrigate wound with an anti-virus agent, like povidine-iodine
HRIG	If possible, full dose infiltrated around the wound. Any remaining should be administered intramuscularly (IM), at site distant from the vaccine.
Rabies Vaccine	4 doses, 1 ml, IM, upper arm area, days 0, 3, 7, and 14

* Deviations from the recommended protocol should be avoided. Consultation on deviations is available on a case-by-case basis.

Rabies Post-exposure Prophylaxis (PEP) for Previously Immunized People

Wound Cleansing	Clean immediately with soap and water. If possible, irrigate wound with an anti-virus agent, like povidine-iodine
HRIG	Do not administer
Rabies Vaccine	2 doses, 1 mL, IM, days 0 and 3

Rabies Pre-exposure Prophylaxis

Rabies Vaccine	3 doses, 1 mL, IM, days 0, 7, and 21
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HRIG Dose Chart

20 International Units (IU) per kilogram (kg) or 0.133 milliliters (ml) per kg for all age groups

Weight in lb	Weight in kg	Dose in IU	Dose in ml	Weight in lb	Weight in kg	Dose in IU	Dose in ml
11	5	100	0.7	121	55	1100	7.3
13	6	120	0.8	132	60	1200	8
18	8	160	1.1	143	65	1300	8.7
22	10	200	1.3	154	70	1400	9.3
26	12	240	1.6	165	75	1500	10
31	14	280	1.9	176	80	1600	10.7
35	16	320	2.1	187	85	1700	11.3
40	18	360	2.4	198	90	1800	12
44	20	400	2.7	209	95	1900	12.7
55	25	500	3.3	220	100	2000	13.3
66	30	600	4	231	105	2100	14
77	35	700	4.7	242	110	2200	14.7
88	40	800	5.3	253	115	2300	15.3
99	45	900	6	264	120	2400	16
110	50	1000	6.7	276	125	2500	16.6

