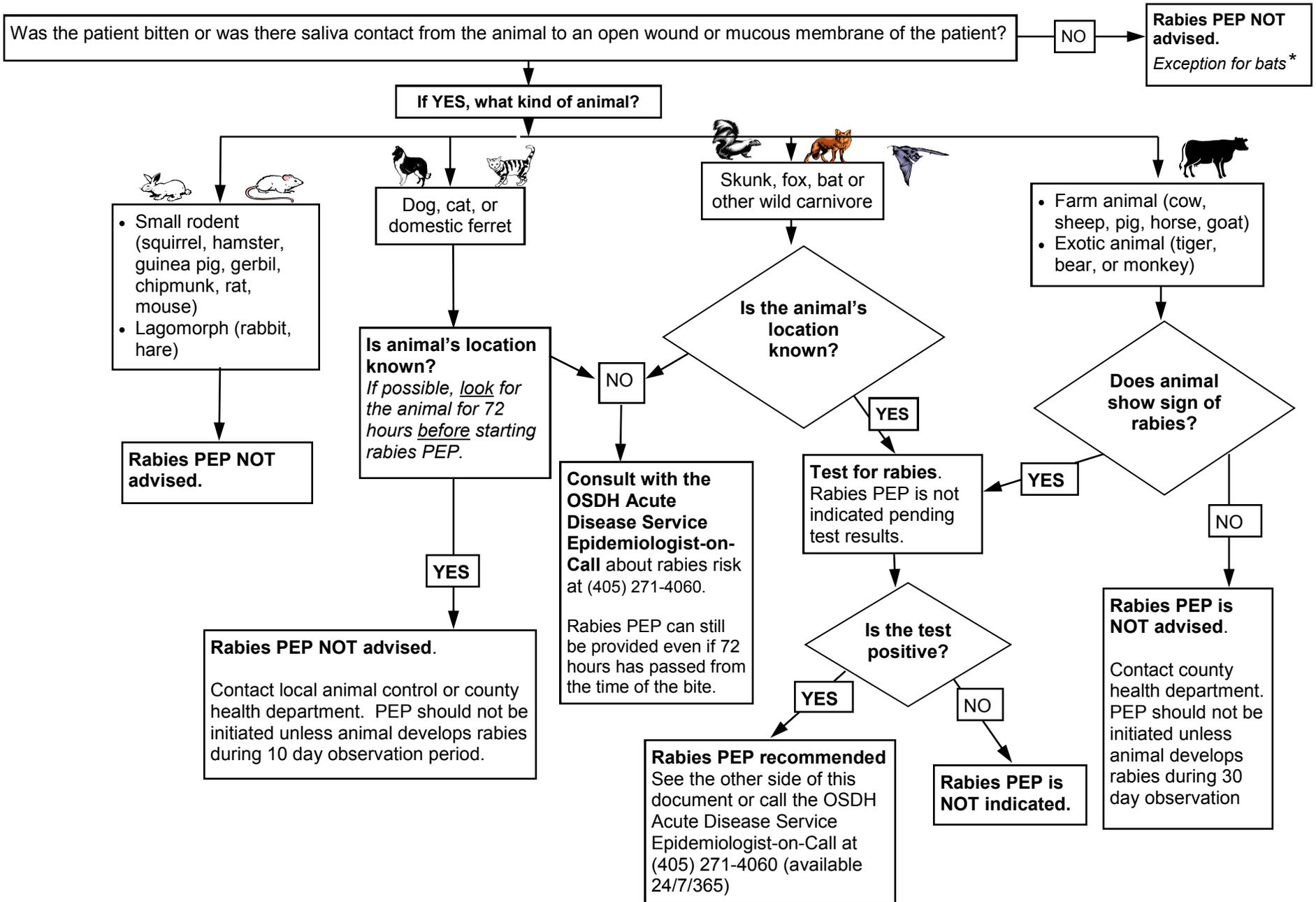


# RABIES POSTEXPOSURE PROPHYLAXIS (PEP): ASSESSMENT ALGORITHM



OSDH 06/2013

\* Bats pose particular risks and rabies transmission has occurred in the absence of a recognized bite. Therefore, every effort should be made to capture and test the bat involved in the exposure incident. If the patient can provide adequate history that no direct exposure occurred, then no treatment is necessary. If the patient is an unobserved child, or a person who was asleep, intoxicated, or mentally challenged, then PEP may be indicated. Consult w/ the OSDH Acute Disease Service Epidemiologist-on-Call by calling (405) 271-4060 (available 24/7/365).

**RABIES BIOLOGICS FOR POSTEXPOSURE PROPHYLAXIS, UNITED STATES, 2012**



**Human Rabies Vaccine**

Rabies Vaccine, human diploid cell vaccine (HDCV)

Intramuscular..... Imovax®Rabies

Rabies vaccine, purified chicken embryo cell (PCECV)

Intramuscular..... Rabavert®

**Rabies Immune Globulin (RIG)**

Rabies immune globulin, human (HRIG)

.....Imogam®Rabies - HT

.....HyperRab™ S/D

**Manufacturer**

Sanofi Pasteur

Phone: 800-822-2463

<http://www.sanofipasteur.us/sanofi-pasteur2/>

Novartis Vaccines and Diagnostics

Phone: 800-244-7668

[www.novartisvaccines.com](http://www.novartisvaccines.com)

Sanofi Pasteur

Phone: 800-822-2463

<http://www.sanofipasteur.us/sanofi-pasteur2/>

Talecris Biotherapeutics

Phone: 800-243-4153

[www.talecris-pi.info](http://www.talecris-pi.info)



**RABIES POSTEXPOSURE PROPHYLAXIS SCHEDULE**

Vaccination Status	Treatment	Regimen*
Not Previously Vaccinated	Local wound cleansing	All postexposure treatment should begin with immediate thorough cleansing of all wounds with soap and water. If available, an antiseptic agent such as a povidone-iodine solution should be used to irrigate the wounds.
	HRIG	20 IU/kg body weight on day 0. If anatomically feasible, the <b>full dose</b> should be infiltrated around the wound(s) and any remaining volume should be administered IM at an anatomical site distant from vaccine administration. Also, HRIG should not be administered in the same syringe as vaccine. Because HRIG may partially suppress active production of antibody, no more than the recommended dose should be given.
Previously Vaccinated Δ	Vaccine	HDCV or PCEC 1.0 ml, IM (deltoid area ±), one dose on days 0, 3, 7, and 14.  Note: Immunosuppressed persons should receive five doses of rabies vaccine, one dose on days 0, 3, 7, 14, and 28, followed by antibody testing to confirm acceptable antibody response.
	Local wound cleansing	All postexposure treatment should begin with immediate thorough cleansing of all wounds with soap and water. If available, an antiseptic agent such as a povidone-iodine solution should be used to irrigate the wounds.
	HRIG	HRIG should <b>not</b> be given.
	Vaccine	HDCV or PCEC 1.0 ml, IM (deltoid area±), one dose on days 0 and 3.

\* These regimens are applicable for all age groups, including children.  
 ± The deltoid area is the only acceptable site of vaccination for adults and older children. For younger children, the outer aspect of the thigh may be used. Vaccine should never be administered in the gluteal area.  
 Δ Any person with a history of pre-exposure vaccination with HDCV or PCECV; prior postexposure prophylaxis with HDCV, RVA, or PCEC; or previous vaccination with any other type of rabies vaccine and a documented history of antibody response to the prior vaccination.



For further information, call or visit us on the World Wide Web.  
 Acute Disease Service  
 Oklahoma State Department of Health  
 Phone (405) 271-4060  
<http://ads.health.ok.gov>