

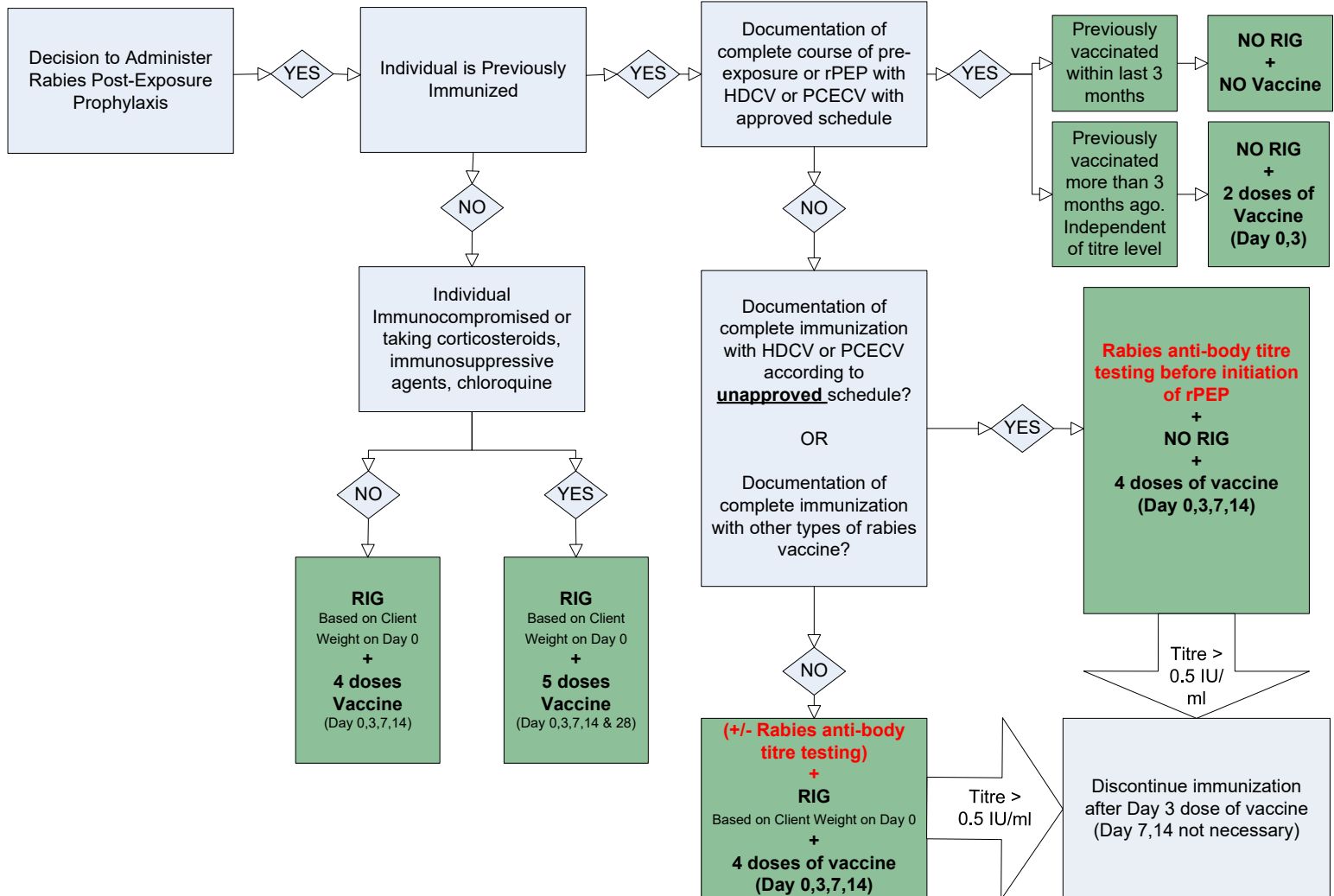
## STEP 3a. Determine Appropriate Dose/Schedule

If rPEP is warranted immediately, and/or physician has decided to proceed with rabies rPEP, choose appropriate dose based on the following schedule

### Rabies Post Exposure Prophylaxis (rPEP) Dose Schedule



**PRIOR to using ANY rPEP from hospital inventory OR to request rPEP delivery, you MUST speak to a SMDHU Public Health Inspector:**  
 Mon-Fri: 8:30-4:30    1-877-721-7520 ext. 8894    After Hours: 1-888-225-7851



If rPEP is warranted, administration should be initiated within 24 hours of physician decision to administer rPEP. Prophylaxis for bites to head and neck region should begin immediately and not be delayed. rPEP could be delayed not more than 48 hours if the animal involved is available for testing (does not apply to head/neck bites) or in the case of a captured dog, cat or ferret, may be delayed 10 days while the animal is being observed by public health.

#### RIG Volume Based on Weight of Client

Dose Calculation: 2 different products available:

**1ml Vial 300 IU/ml:**

$$20 \text{ IU/kg} \times (\text{client wt in kg}) + 300 \text{ IU/ml} = \text{dose in ml}$$

OR

**2ml Vial 150 IU/ml:**

$$20 \text{ IU/kg} \times (\text{client wt in kg}) + 150 \text{ IU/ml} = \text{dose in ml}$$

Administered **ALL RIG** on first day of initiation of therapy (Day 0)

Infiltrate into wound and surrounding area (if anatomically feasible)

Remaining volume IM at site distant from site of vaccine administration.

**DO NOT MIX RIG and Vaccine**

Weight of Client	# of RIG vials required (or portion)
≤ 15 kg (≤ 33lbs)	1
> 15-30 kg (33-66 lbs)	2
> 30-45 kg (66-99 lbs)	3
> 45-60 kg (99-132 lbs)	4
> 60-75 kg (132-165 lbs)	5
> 75-90 kg (165-198 lbs)	6
> 90-105 kg (198-231 lbs)	7
> 105-120 kg (231-264 lbs)	8
> 120-135 kg (264-297 lbs)	9

#### Vaccine

Administer 1 ml (1 vial) on each day of dosing schedule

Administer IM into deltoid muscle in older children and adults and into vastus lateralis (anterolateral thigh) in infants

NEVER administer into gluteal region

Administer at different anatomical site from RIG.

rPEP = (Rabies) Post Exposure Prophylaxis may include Rabies Immune Globulin (RIG) and Rabies Vaccine.

Preparations available for use in Canada: **RIG:** IMOAM®, HYPERRAB® S/D, and KAMRAB® and **Vaccine:** IMOVAX® (HDCV) and RabAvert® (PCECV)  
 HDCV= human diploid cell vaccine (Imovax®)    PCECV= purified chick embryo cell culture vaccine (RabAvert®)