



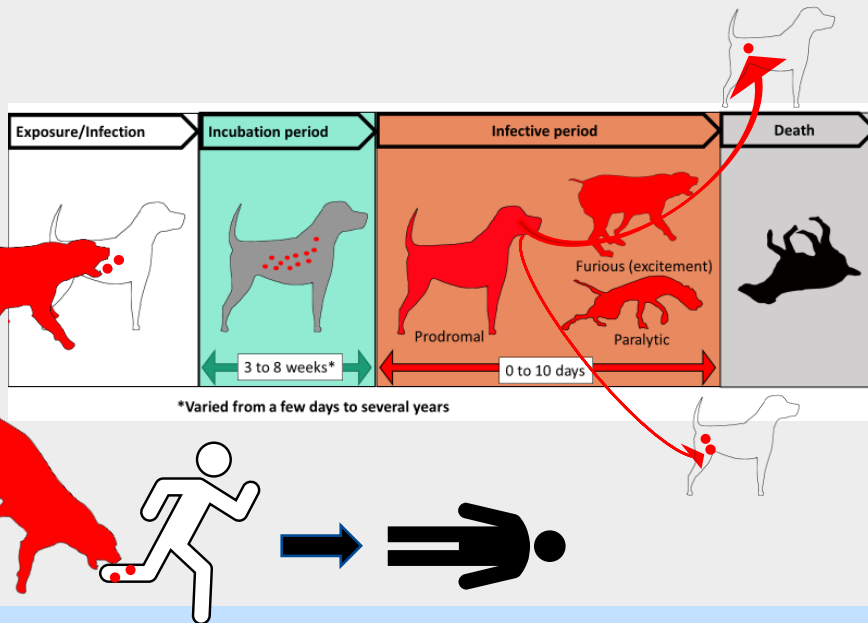
A Hand book for RaDSS

(Rabies Data Share System) version 1.2



What is Rabies ?

- Rabies is a nearly **100 % fatal** but preventable viral disease
- **Dogs** are the main source of human rabies deaths
- An animal infected with rabies will usually show clinical signs, or **die**, **within 1-7 days**, providing the basis of the **10-day observation period**.



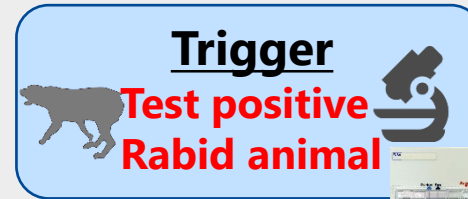
Prevention and control measures:

- Mass vaccination for animals
- Immediate wound care and post-exposure prophylaxis (PEP) for human bite victims
- Responsible pet ownership (restriction of free-roaming animal)
- Education
- **Effective case management**

What is RaDSS ?



RaDSS (Rabies data share system) is data share tool to share the information about an animal confirmed by a laboratory test. RaDSS was developed for the better case management of the confirmed rabid animal.

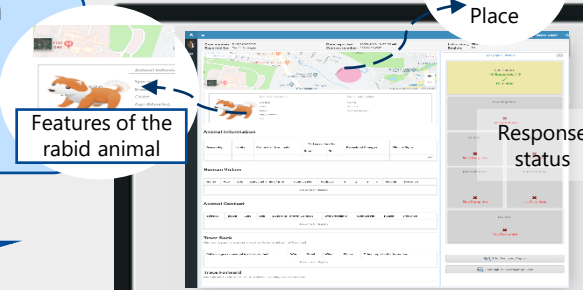
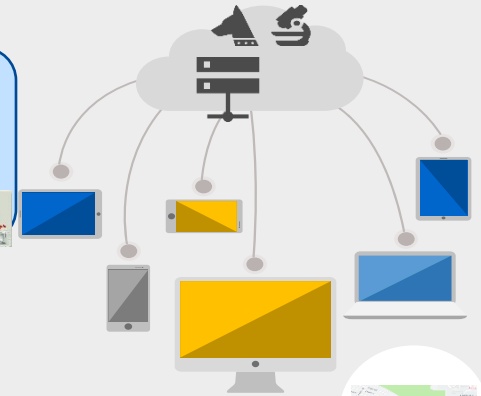


Share the information

- Animal features
- Where found
- When happened
- Response status



Quick responses



What is the flow ?



When laboratory confirmed animal rabies is found, you can start to use RaDSS to share the information. Lateral flow device test (LFD) can be used as the laboratory test.



Test positive Rabid animal Detected!

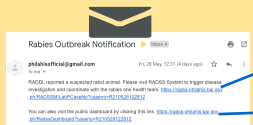
Data input by veterinary office
(RADDL/PVO/CVO/MVO)



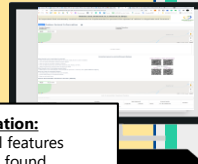
Email/sms alert

Dashboards automatically created

Notification e-mail/SMS With URLs for 2 dashboards



- Dashboard for rabies workers**
Require ID, Animal and human sectors
- Dashboard for general public**
Anyone can access. No personal information. Barangay can use this dash board (Print out this page or share by Social media)



Information:
- Animal features
- Where found
- When happened
- Status of responses

- Rabies workers receive Email/SMS alert message with URLs(1.URL for rabies workers 2. Dashboard for general public)
- Rabies workers can access the URLs and share the URL (general public)
- Rabies workers can obtain the necessary information
- Rabies workers can do "responses" together with human and animal sectors (One health approach)

Rapid Responses

- Case investigation
- Contact tracing (human and animal)
- Notification and emergency education campaign
- Restriction of free-roaming animal
- Ring vaccination for animals

RaDSS data input

- Additional data (Case data, human bite victims, contact animal information)
- Input completed information of responses (ABTC) Treatment information of human bite victims

Final Evaluation by DA-BAI

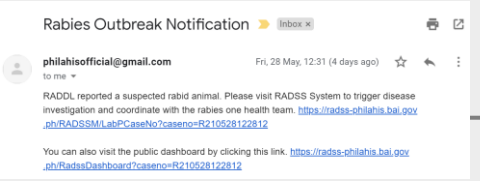
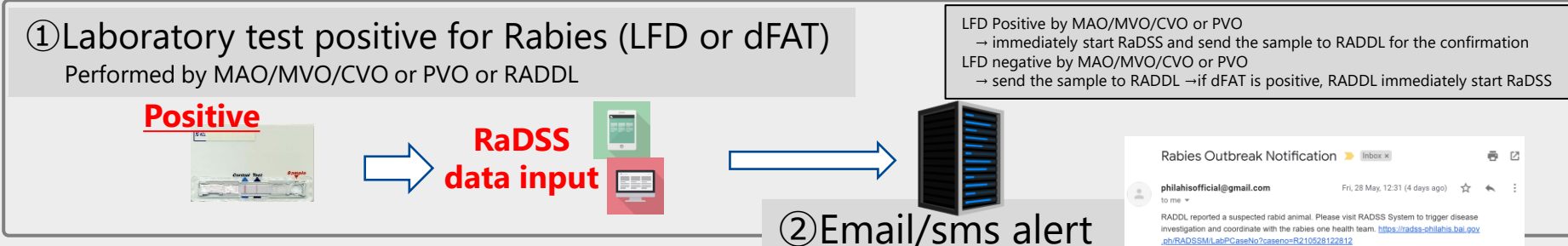


Input completed information

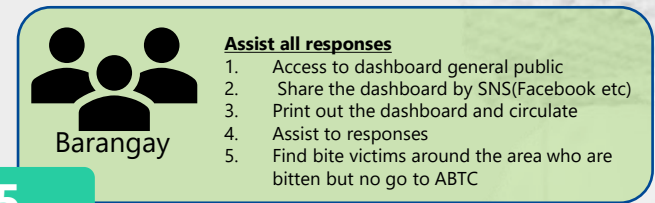
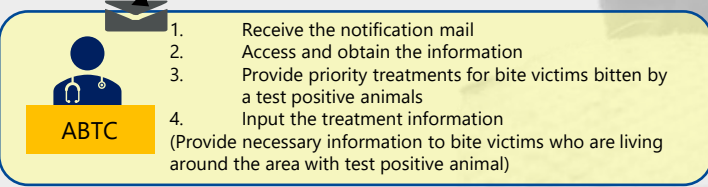
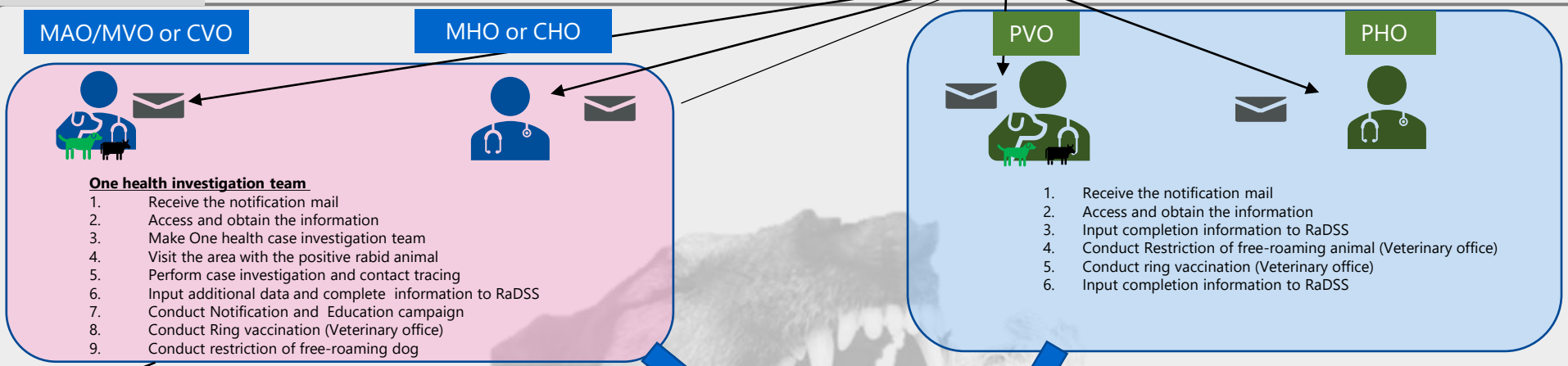
What are the responses for RaDSS ?

Type of Responses	Who?	Aim What activities??	Who will input data and completed information
① Case investigation	Veterinary and Health office And Barangay	Collect further information about the rabid animal Visit the site or house Interview owner, bite victims, Barangay staff	LGU Health and Veterinary office
② Contact tracing	One health investigation team ** Important! Health and Animal sector Working together! Together with Barangay	Find human bite victims bitten by the rabid dog Find other animals exposed to confirmed rabid animal	
③ Notification and Education campaign	Veterinary and Health office And Barangay	Notify the incidence of rabid animal Education campaign i. Community assembly ii. Distribute the education material	LGU Health and Veterinary office
④ Restriction of free-roaming animal	Veterinary office And Barangay	Stop free-roaming animal Strong implementation of responsible pet ownership (no free-roaming)	Veterinary office
⑤ Ring vaccination	Veterinary office And Barangay	Vaccinate all dog and cat around the area Mass vaccination of susceptible animals around the area	Veterinary office

Work flow and work steps of each sector



③ Responses



DA-BAI

- Evaluate and assess the responses**
1. Access RaDSS
 2. Evaluate the case responses
 3. Input the completion information
 4. Report it as final evaluation
-

Case investigation form



Role of each sector

PVO	<ul style="list-style-type: none"> Straw LFD tests Initial data entry to RaDSS Response 3,4,5 Enter completion information about response 3,4,5 to RaDSS 	MAO/MVO/CVO	<ul style="list-style-type: none"> Straw LFD tests Initial data entry to RaDSS Organize a case investigation team with MHO and Barangay Response 1,2 Find information about Rabid animal Find information about the contact animal with the rabid animal Enter additional data after the response 1,2 to RaDSS Response 3,4,5
PHO	<ul style="list-style-type: none"> Organize Response 3 with PVO/MHO/MVO/Barangay Enter completion information about response 3 to RaDSS 		
ABTC	<ul style="list-style-type: none"> Identify the victims bitten by rabid animal Provide the priority treatments (PEP) to the victim Enter the completion information of PEP to RaDSS 	MHO / CHO	<ul style="list-style-type: none"> Organize a case investigation team Response 1,2 Find information about bite victims around the area Assists victims to get PEP Enter additional data after the response 1,2 to RaDSS Responses 3
RADDL	<ul style="list-style-type: none"> dFAT for the confirmation test Initial data entry to RaDSS if the test determined to be positive first time. (PVOorMVO test negative or not perform) 		
DA-BAI	<ul style="list-style-type: none"> Final evaluation Enter the completion information to RaDSS 	Barangay	<ul style="list-style-type: none"> Assist the responses 1,2,3,4,5 Share the information using the RaDSS general dashboard (Through FB or printout the page)

Responses: What to do?

<p>Response 1 Case investigation</p> <p>Response 2 Contact tracing</p>	<ol style="list-style-type: none"> Create one health case investigation team (Print out case investigation form in RaDSS. Already known information can be automatically printed out in the form) Visit the site/house/area Interview Barangay staff, bite victims, owner, families etc Obtain additional information about the rabid animals Find bite human victims and contact animal Enter the additional data to RaDSS <p>If you find contact people or contact animal with rabid animal, Perform below</p> <ul style="list-style-type: none"> -(Human contact)→Refer to ABTC →enter the status to RaDSS -(contact animal)→Quarantine of animal→enter the status to RaDSS (see SOP: Animal quarantine)
<p>Response 3 Notification and Education campaign</p>	<ol style="list-style-type: none"> Create education team (PHO, PVO, MHO,MAO/MVO, Barangay) Conduct awareness campaign (Community assembly) Disseminate information <p>RaDSS public dashboard page is easily shared through Facebook and also the page can be printed out. BHW can distribute the printed copy to residents.</p> <p>Notify this message to residents</p> <p>****Any bite victims who are bitten, scratched or licked by any animals around the affected area if they have not attended ABTC, they should be transferred to ABTC immediately. ****</p>
<p>Response 4 Restriction of free-roaming animal</p>	<p>MAO/MVO office also has a role in catching animals if the owner fails to comply with any control provisions. LGU should work adhere to animal welfare policies for monitoring of stray animals and when considering options for control. Strict implementation of pet ownership with a penalty (500 PHP) should be considered.</p>
<p>Response 5 Ring vaccination</p>	<ol style="list-style-type: none"> Evaluate the vaccine coverage in the area Identifies the adjacent barangays within the 3. kilometer radius from the positive case Dogs and cats with no history of vaccination in the past year should be vaccinated. Enter the completion information (the total number of vaccinated animals) to RaDSS

Key consideration in RaDDS

Effective technique

Abbreviations











ABTC	Animal Bite Treatment Center	MAO	Municipal Agriculture Office
CHO	City Health Office	MHO	Municipal Health Office
CVO	City Veterinary Office	MVO	Municipal Veterinary Office
DA-BAI	Department of Agriculture-Bureau of Animal Industry	PEP	Post Exposure Prophylaxis
dFAT	direct fluorescent antibody test	PHO	Provincial Health Office Office
DOH	Department of Health	PVO	Provincial Veterinary Office
JAPOHR	Japan and Philippines One Health Rabies	RaDSS	Rabies Data share System
LCAR	Laboratory confirmed animal rabies	RICT	Rapid immunochromatographic test
LGU	Local Government Units	LFD	Lateral flow device



Manuals

<https://drive.google.com/drive/folders/122bluJp3LDz11njjiPRYycd3C2Mdg29s?usp=sharing>



Rabies rapid response with RaDSS full manual 		Sample flow and diagnosis flow 			
LFD and straw sampling method 		Kit manual (ADTEC manufacture manual) 			
PPE 		Manual of removing animal heads /Decapitating animal head   <p>Video manual</p>		Manual of carcass disposal 	
Animal Quarantine Manual (Rabies-exposed animal) 			Manual of euthanasia 		



JAPOHR project

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