



# "Sharing experiences of a successful mass dog vaccination campaign"

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Rabies Focal Point

Sudan

#### Introduction:-

- Rabies is endemic in Sudan since 1904 and remains a continual threat to public health as transmission to humans is principally dog-mediated. Additionally, large-scale losses of livestock occur each year causing economic and social dilemmas.
- Many States shows sporadic cases in the last 5 years and some states are at risk of rabies.

#### A national strategy is available which is aim to:-

- Implement a mass dog vaccinations campaigns.
- Control of stray dog population.
- Enhanced surveillance for rabies in humans and animals.
- Public Health Education and awareness on rabies.

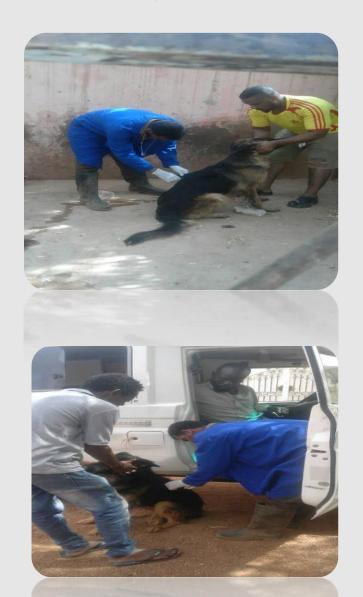
#### Mass Dog Vaccination in Sudan:

- The World Health Organisation in order to eliminate rabies is recommended an annual vaccination of at least 70% of the dog population. However, it is a challenging for Sudan to achieve high vaccination coverage due to low resources, so we use:-
- Static point (SP) free vaccination campaigns.
- Sporadic paid vaccination in private veterinary clinics on request.

## Steps applied for implementation a mass dog vaccination campaign:

- In Sudan dog vaccination against rabies was established in 1953since then annual vaccination was applied, it is the routinely applied strategy to control rabies.
- Many states which is at risk for rabies conduct an annual mass vaccination programmes which is follow these steps:
- 1. Preparation of vaccination supplies and equipment.
- A public awareness campaign to increase people knowledge through media, leaflets, posters and announce for vaccination in all localities
- 3. Provide free vaccine in assigned vet hospitals and clinics in all localities.
- 4. The campaigns duration from 3 to 10 days.
- 5. Monitoring and evaluation of the campaign activities.

#### Mass Dog vaccination campaign in Khartoum State 2020





#### Why Sudan Experiences is successful?:-

- Limited fund to vaccinate enough dogs.
- High cost of rabies vaccine because it imported by private companies.
- Difficulties to control stray dog population.

#### Cases of rabies reported in dogs 2018-2019:-

Year	Cases	Death	Destroy
2018	5 Dogs	3 Dogs	2 Dogs
2019	5 Dogs	1 Dogs	4 Dog

Source: General Directorate of Animal Health and Epizootic Control(Ministry of Animal Resources)

#### Strength to fight rabies:

- A good intersectoral collaboration between animal and human health sectors for dog-mediated rabies control.
- Personnel and availability of laboratory diagnosis in CVRL in Khartoum (goat brain vaccine was produced in CVRL in the past).

#### To a chive our goals to control rabies, we need:

- Availability of funds to implement rabies control programmes.
- Laboratories rehabilitation and maintenance of the equipment for diagnose rabies in federal and states.
- Improve vaccine production and training of the personnel.

"End Rabies collaboration , Vaccination"

### **Thanks**