



## My Home – Hoedspruit



## My Office - Orpen





## My Office - Orpen



## One Health Centre

- Undertake disease surveillance especially as to wildlife and domestic animals
- To render specific wildlife veterinary services to the **SANDF**
- Address the need for veterinary epidemiology that is specific to the operational health intelligence for the operational commanders within the **SANDF**
- To undertake interface studies into a number of diseases or conditions important to the **SANDF**
- To educate, train and develop health care practitioners in the principles of "One Health"
- To be a policy development Centre for integrated disease management and control for diseases that are of prime interest to the **SANDF**



### Working Dogs - Turnspit



### Working Dogs - Draught



### Working Dogs – Disability Assistance



### Working Dogs – Therapy





### **Working Dogs – Search and Rescue**



### **Working Dogs – Herding**



### Working Dogs – Sledging



### Working Dogs – Hunting





### Working Dogs – Security/Guard



### Working Dogs – Detection



## Accolades for Dogs

- Bravery/Military
- Dickin Medal - 1943
  - Victorian Cross for Animals
    - "For Gallantry"
    - "We also Serve"
- PDA – 2001
  - Civilian Acts



MAN'S BEST FRIEND

Good Boy



### **Working Dogs as Foe**



### **Working Dogs - Injuries**





## Working Dogs - Diseases

- **National Institute for Allergy and Infectious Diseases**
  - **Emerging infectious disease** as an **infectious disease** that has newly appeared in a population or has existed but is rapidly increasing in incidence/geographic range
- **Classification of Emerging Infectious Diseases**
  - **Category A, B or C**



## Working Dogs – Diseases Category A

- **High Risk for National Security and Public Health**
- **Easily Disseminated**
- **High Mortality**
- **Public Panic**
- **Special Measures for Management**
- **Eg Anthrax**



## Working Dogs – Diseases Category B

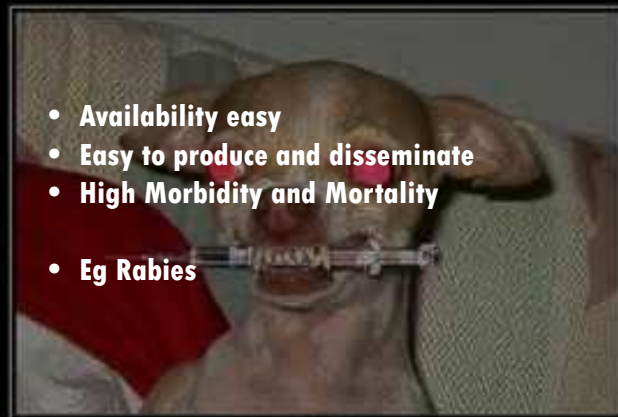
- Moderately easy to Disseminate
- Moderate Morbidity
- Special Enhancement and Surveillance
- Eg Brucellosis

**Understanding  
Brucellosis**



## Working Dogs – Diseases Category C

- Availability easy
- Easy to produce and disseminate
- High Morbidity and Mortality
- Eg Rabies



**Rabies**

It's going to infect you and eat



## Dogs Implicated?

- Dogs Low Risk
- ISID – Promed
  - Category A
    - Anthrax – Argentina
    - Botulism – Various Countries
  - Category B
    - Brucellosis – Australia/USA
  - Category C
    - Rabies – Phillipines, Indonesia, USA, RSA, Tunisia, India, Ghana, Israel, Netherlands, Zimbabwe
- BUT
  - Ebola
  - MERS-Cov




## Importance of Working Dogs

- Animal Human Bond
- Adverse Environments
- Exposure
- Travelling
- Stress






## Prevention

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- **Daily Health Monitoring**
  - **Daily Grooming**
  - **Vaccinate**
  - **Deworm**
  - **Kennel Maintenance**
  - **Travel Documentation**
  - **Personal Hygiene**
  - **BUT**
  - **Storage of Dog Food**



## Summary



**Working Dogs truly a man's best friend**

**BUT**

**Must know and understand the Risks in working with them**

**New Emerging Risk – Dog handlers becoming Targets**



## Acknowledgements

