

# Guideline for land transportation of infectious substances



## Project Team:

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# Background

- International and national procedures have been established for the safe transport of biological materials by all modes of transportation (air, sea and land).
- Different packaging and transport arrangements apply depending on whether materials are infectious substances, biological products, or exempt substances.
- The requirements of various regulatory bodies are based on the United Nations Recommendations on the Transport of Dangerous Goods Model Regulations which are adopted by International Air Transportation Association (IATA) and Agreement concerning the International Carriage of Dangerous Goods by Road (ADR).
- It is the responsibility of sender to ensure compliance with all packaging and transport regulations.



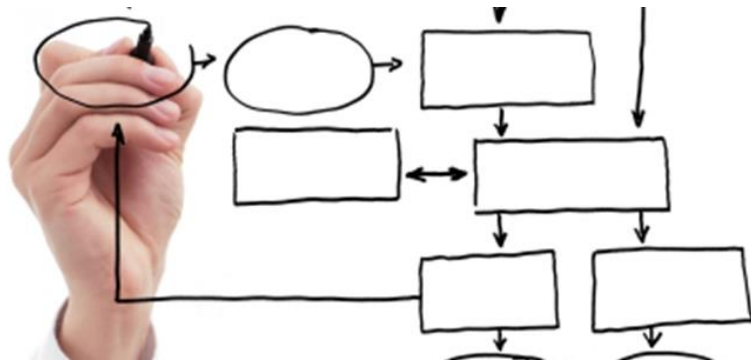
# Objective

- ❖ The guideline were created to provide the instruction for the safely transportation of infectious substance by land between Southeast Asia (SEA) country.



# Methodology and Resources

- ❖ Understand the project goals and outcomes
- ❖ Review the scope of work and related documents
- ❖ Identify who's responsible for each task.
- ❖ Draft a rough outline of project plan
- ❖ Build out detailed project
- ❖ Review the project



**Reference documents**

- ✓ Dangerous Goods Regulations (DGR)
- ✓ Agreement concerning the International Carriage of Dangerous Goods by Road (ADR 2023)
- ✓ Convention Manual by the Universal Postal Union
- ✓ Guidance on regulations for the transport of infectious substances 2021-2022
- ✓ Standard Operating Procedure for Transport of Biological Specimens in Malaysia

# Results

- ❖ Guidelines land transportation of infectious substances for other countries to use as the same practice which makes it easy to work for sender and receiver to provide quality transportation and this guideline is based on WHO for classification of infectious substance.
- ❖ In this guideline, it mentions Packaging, Marking, Labelling, Documentation and Incident Report Form to be the same standard and maintain the quality of specimens.
- ❖ It also ensures that operators will be safe.



# Conclusions

- ❖ This guideline could be used for the land transportation of infectious substance in SEA countries.
- ❖ Any institution can use this guideline to understand and operate the correct and safe land transportation of infectious substance.





Implementation

# Moving Forward

- ❖ We will test the use of this guidelines for land transportation of infectious substances (in each SEA country).
- ❖ Any feedback or recommendations received after implementing the guideline should be returned to develop a revised version.



# Moving Forward



## Activities of Specimen Referral System in Thailand

- ❖ Developed a Guidance on regulation for the transport of infectious substances in Thailand.
- ❖ The stakeholder consultative meeting.
- ❖ Conducted a workshop for Infectious Sample Packaging and Transport Instructors
- ❖ MOU between
  - Department of Medicals Sciences (DMSc)
  - The Civil Aviation Authority of Thailand (CAT)
  - Airports of Thailand (AOT)
  - The Airlines



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ขอบคุณ

Cảm ơn