



# **Bloodborne pathogen awareness**

ICAO APAC AIG workshop – 27 August 2024

Task-1

**Presented by**

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Manager Transport Safety

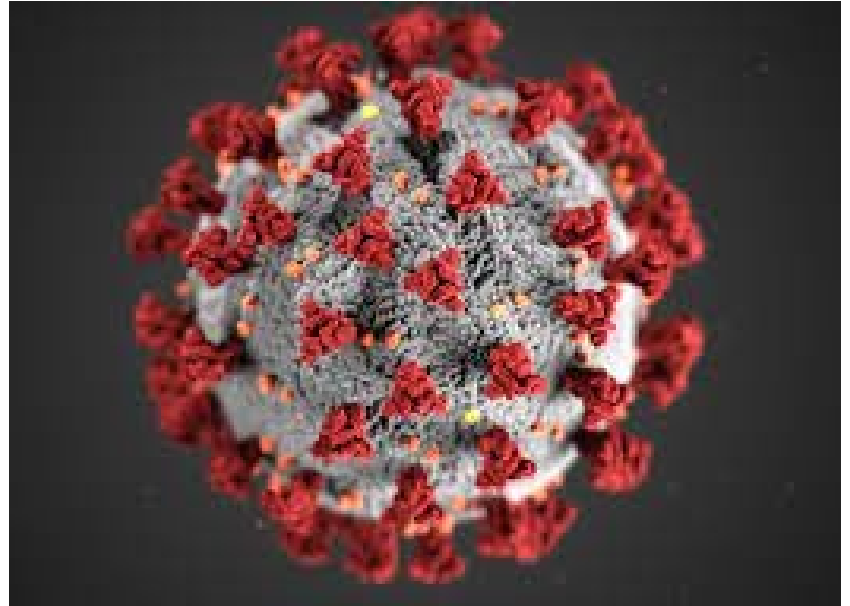
ATSB

# What we cover in this session

- Overview of bloodborne pathogens [BBP]
- BBP risk at the accident site
- Reducing exposure to BBP
- How to handle an exposure incident
- Leaving the site



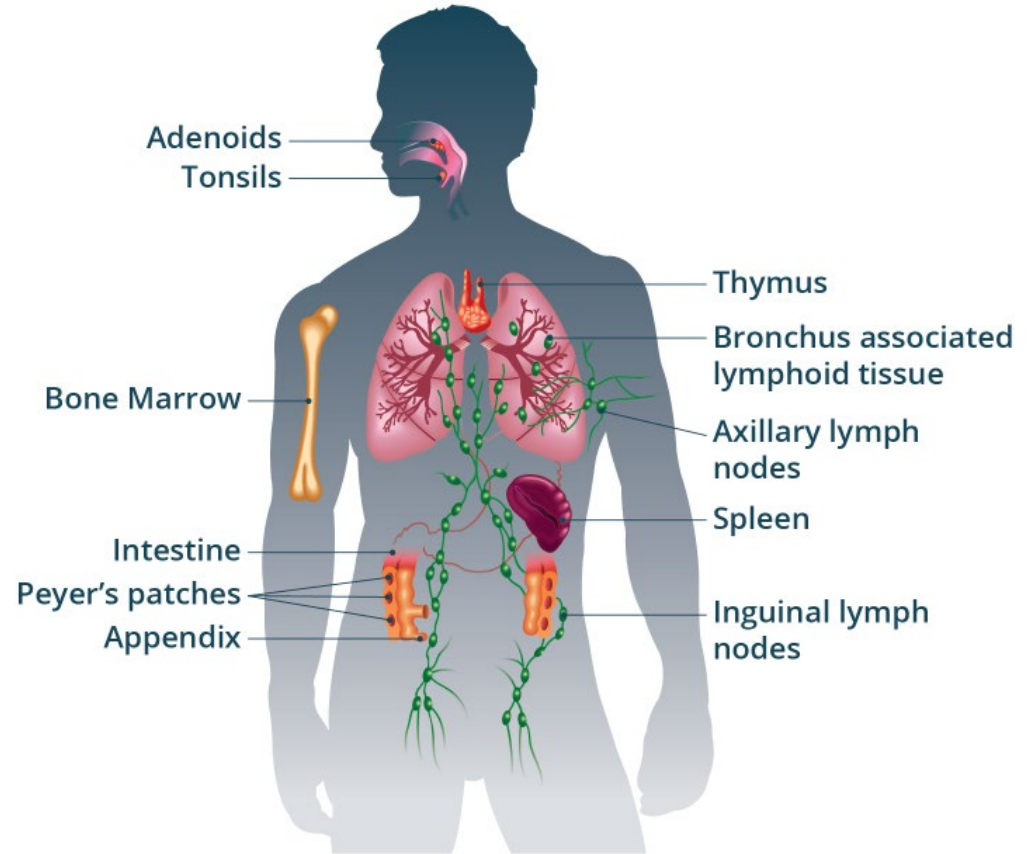
# What is a pathogen?



# What is a bloodborne pathogen [BBP]?

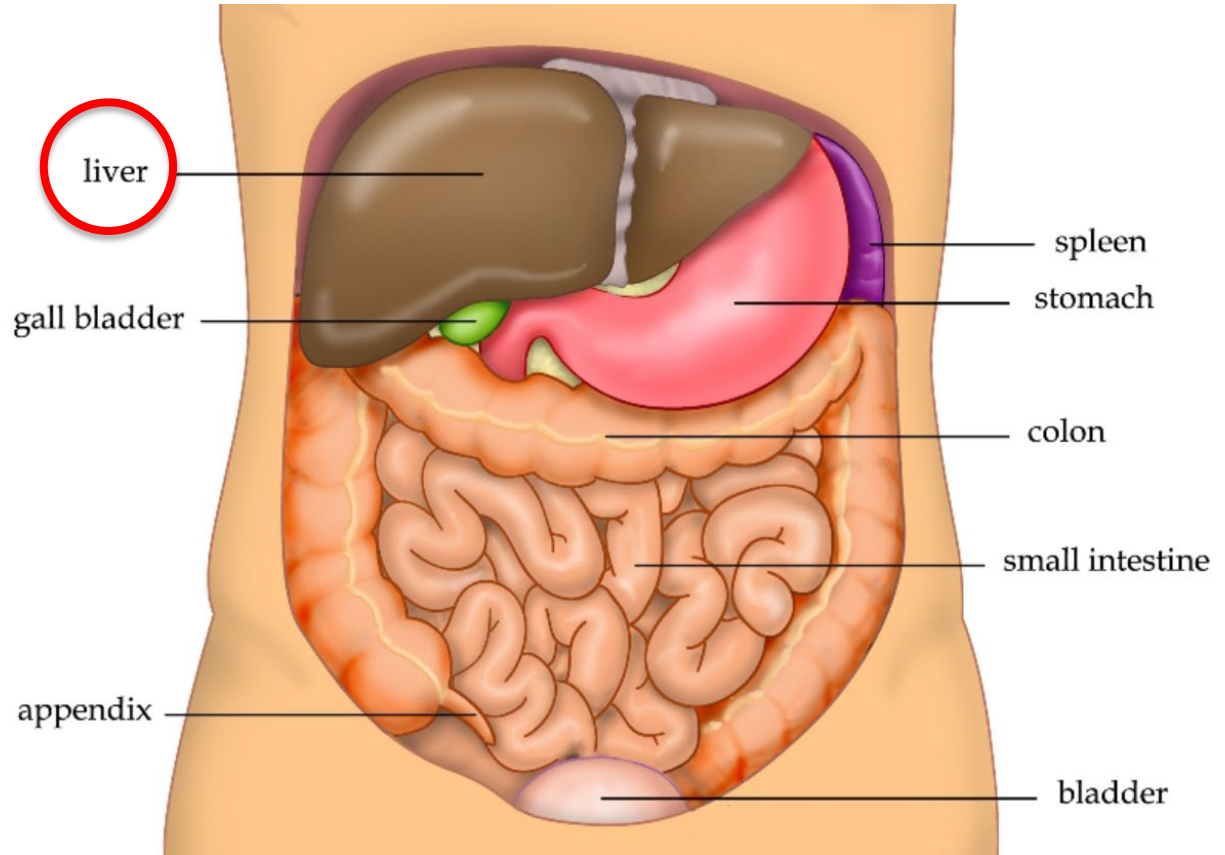
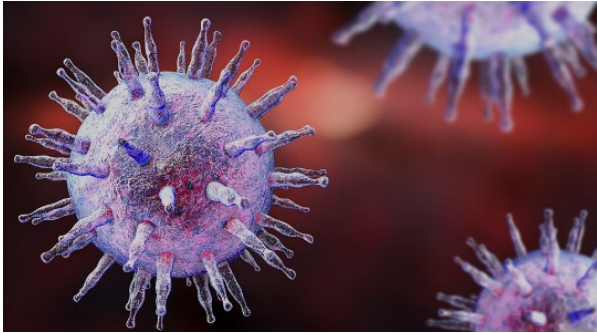


# HIV



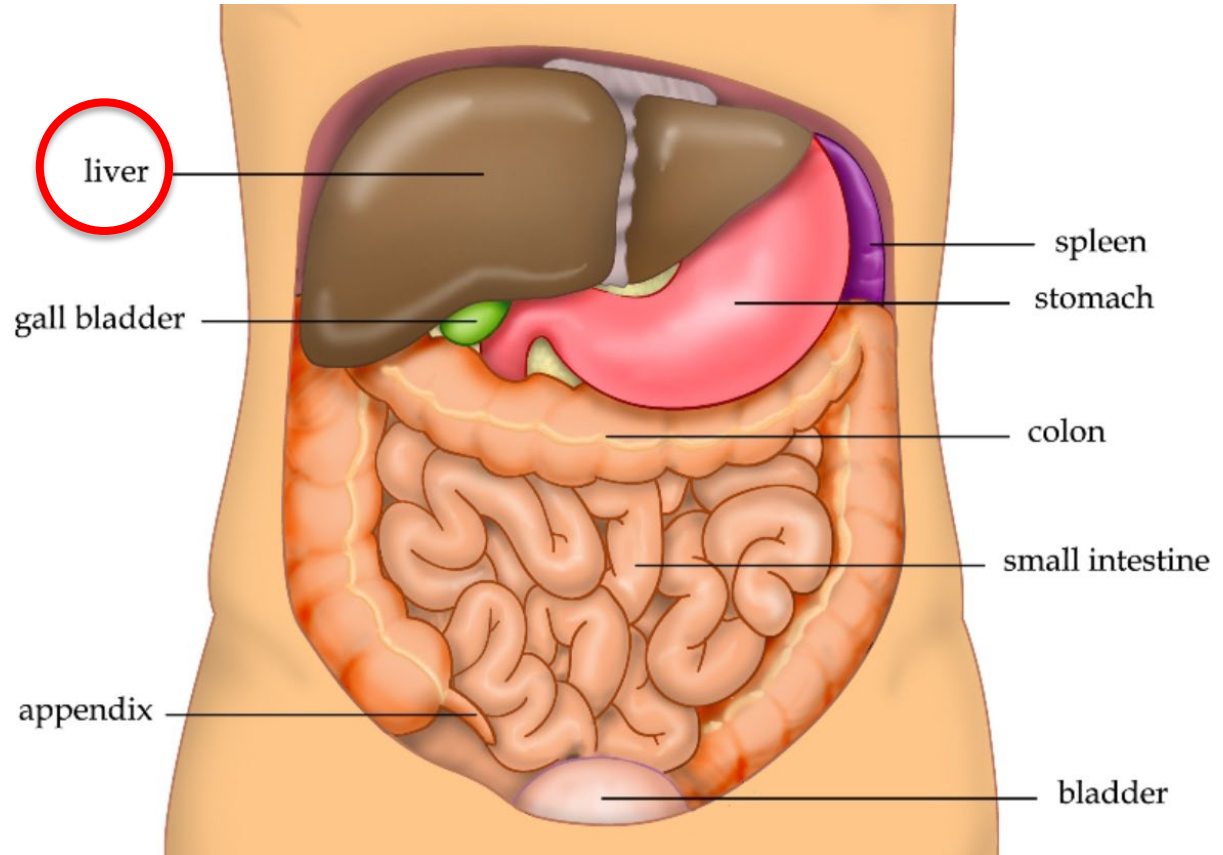
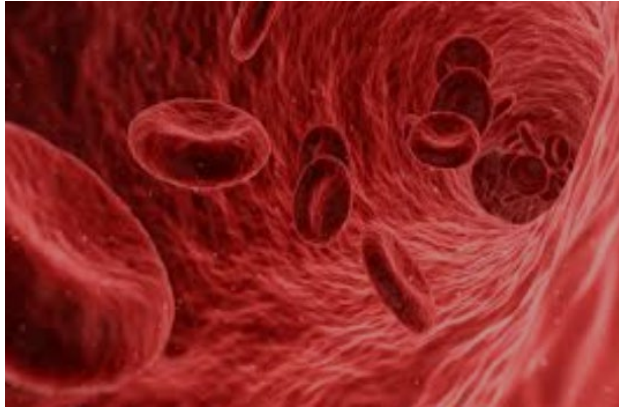
*The various organs of the immune system.*

# Hepatitis B

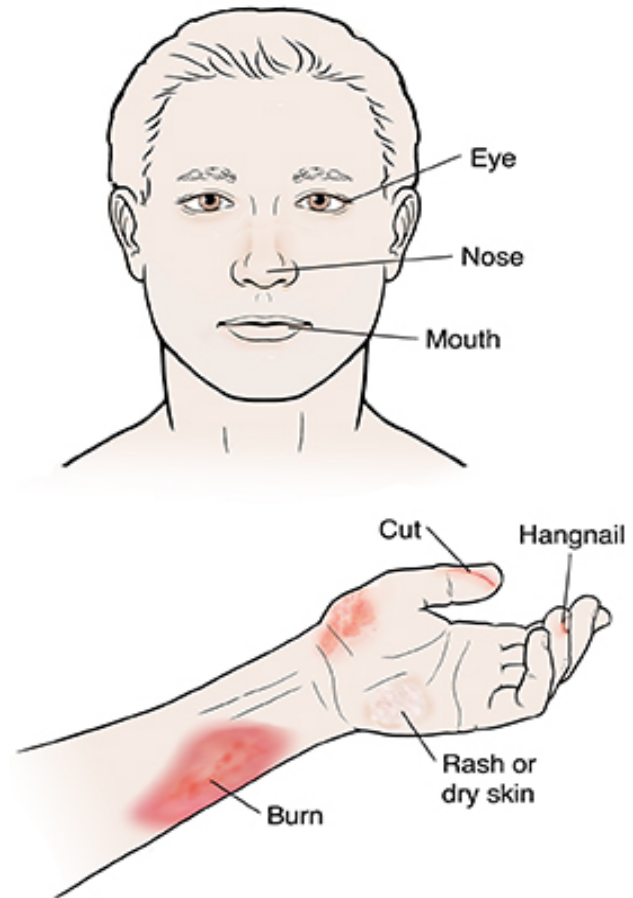
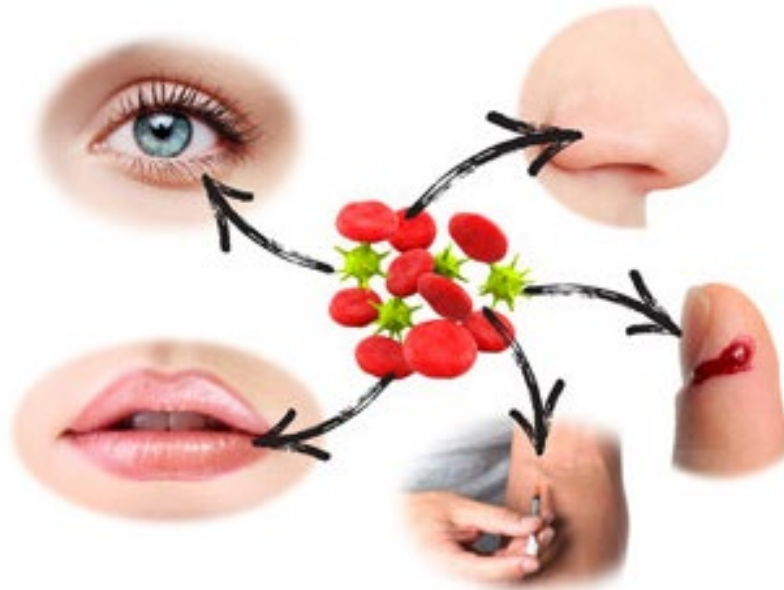




# Hepatitis C

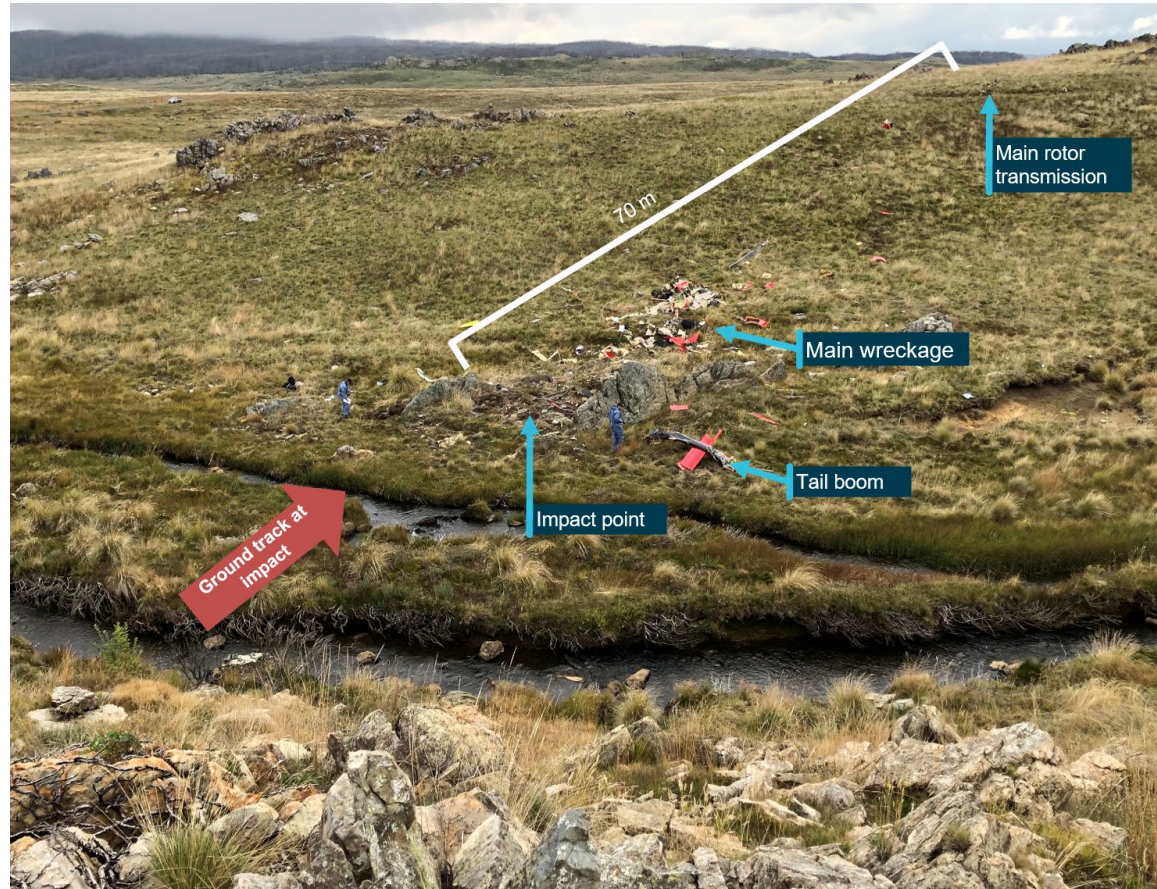


# Methods of transmission





# BBP risk on an accident site





## BBP risk on an accident site





## BBP risk on an accident site



# Not just collision with terrain

- QF72 – ATSB AO-2008-070





## Not just collision with terrain



## Pathogen resistance



- Pathogens are susceptible to environmental changes
- Some viruses are more resilient
- Pathogens can be rendered non-infective



## Reduce exposure via work practices





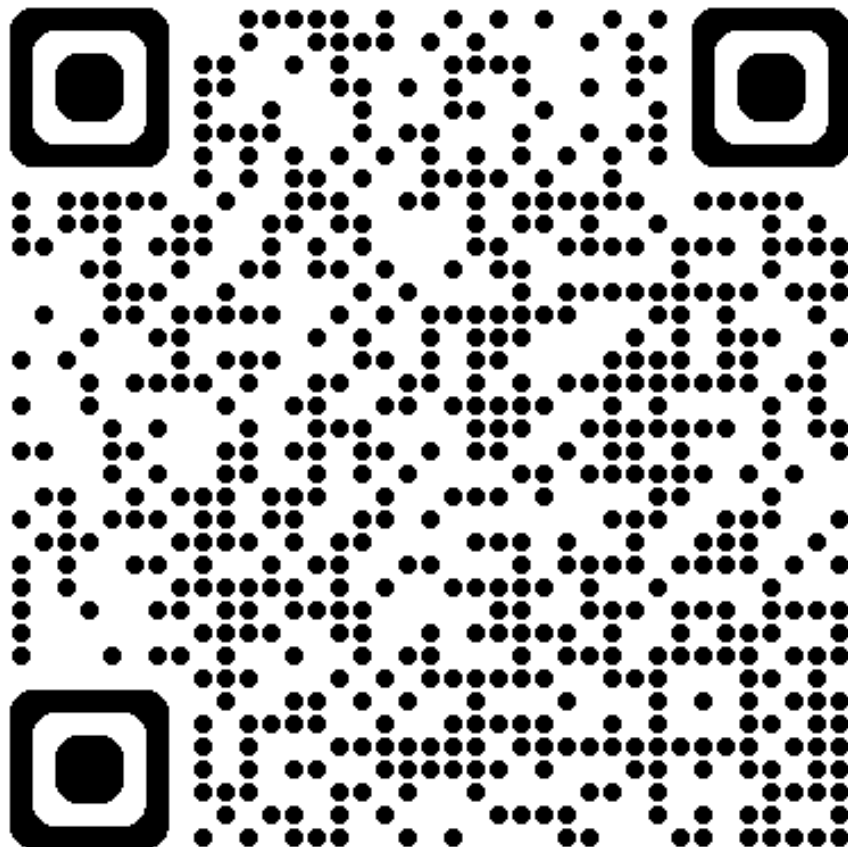
# Reduce exposure via work practices





# Working safely on an accident site





# HAZARDS AT AVIATION ACCIDENT SITES

**GUIDANCE  
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PERSONNEL**

Edition 7 2017



Australian Government  
Department of Defence



Australian Government  
Australian Transport Safety Bureau

# How to handle exposure incident

**Stop** working

**Remove** contaminated PPE

**Wash/flush** area with large amounts of water

**Apply** first aid to stop bleeding and cover

**Seek** medical attention and follow-up

**Notify** manager

**Submit** workplace incident report



## Leaving the site





## Any questions?

