

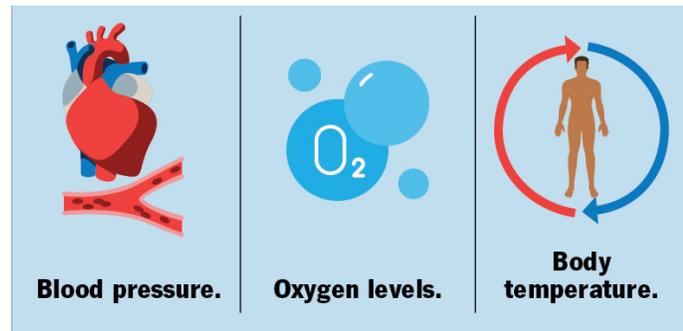
# **CHEST CAVITY AND LUNG: MOST FREQUENT LESION**

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Botswana National Veterinary Laboratory***

# Preamble

These are general lesions that are found incident to disease or any other pathological or physiological condition that alters the normal state in the chest cavity or the lung.

These are usually a demonstration of the disturbances in the homeostasis.



# Hydrothorax; Heartwater



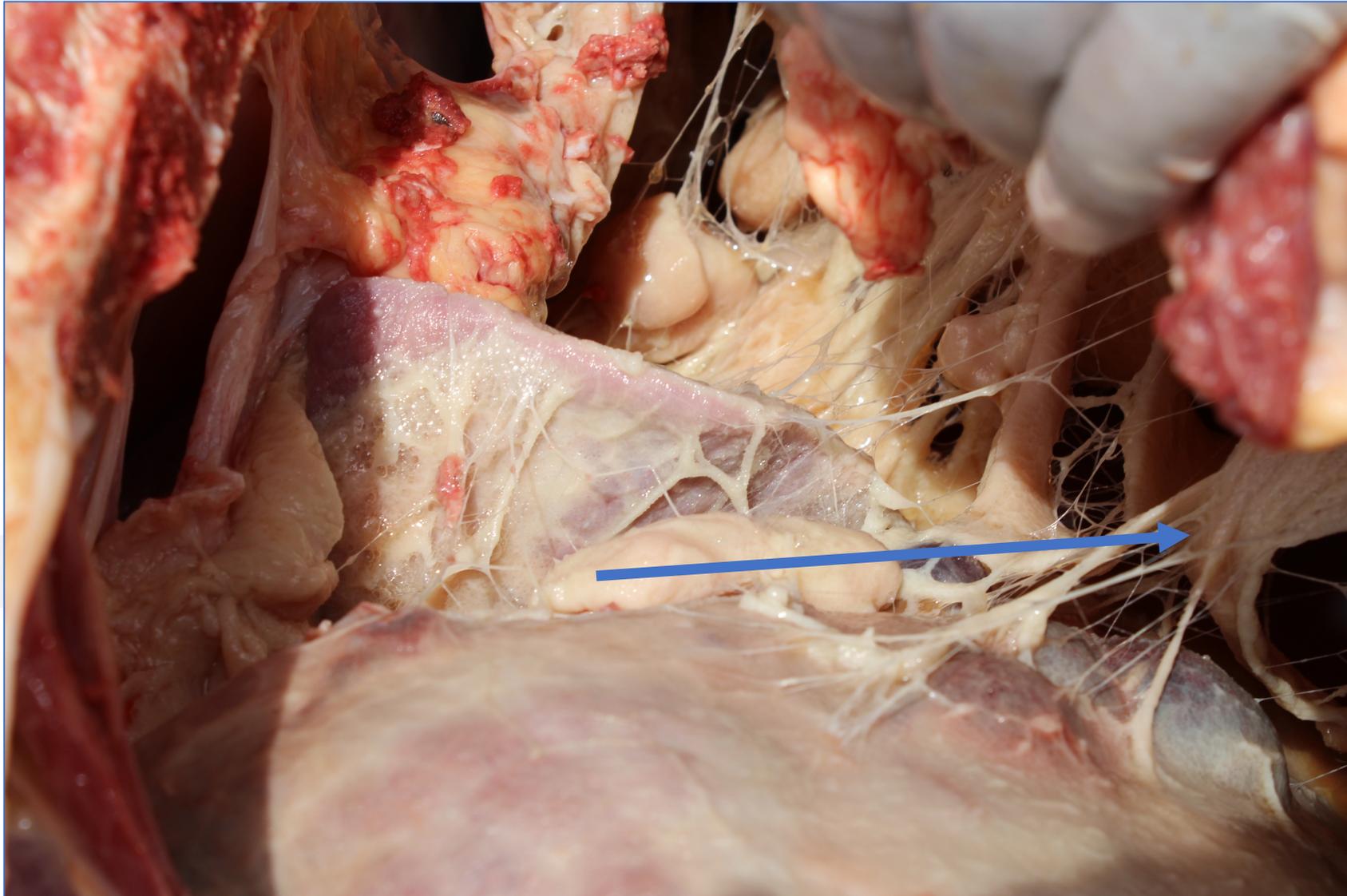
# Hydrothorax; Heartwater



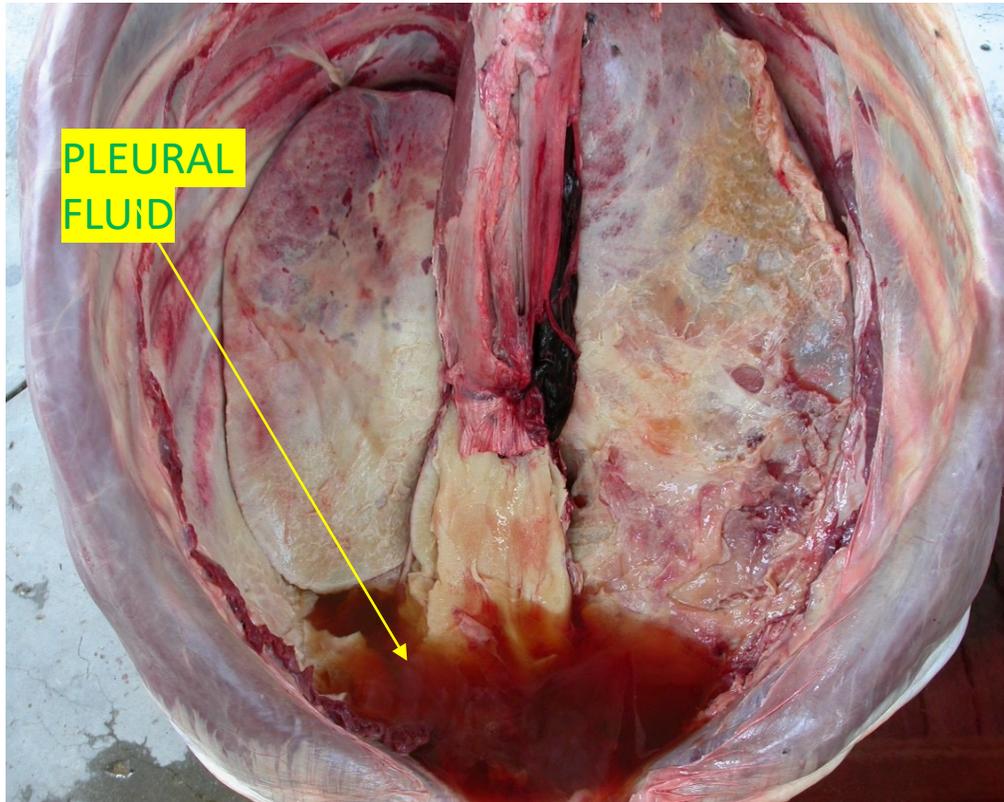
# PLEURAL-FLUID



# ADHESIONS



# Pleuritis; CBPP



# Pleuritis; Pasteurellosis

## *Mannheimia haemolytica*

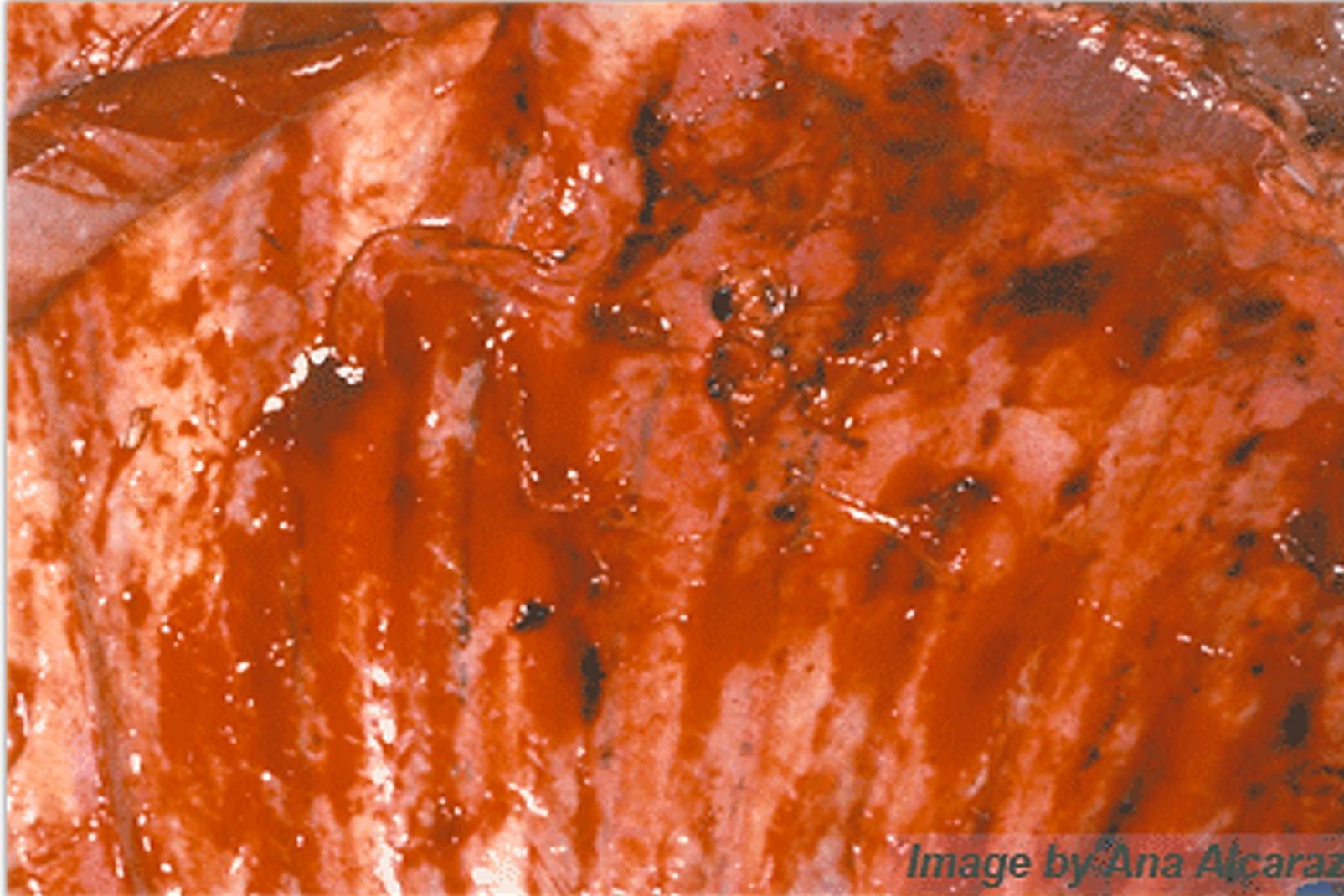
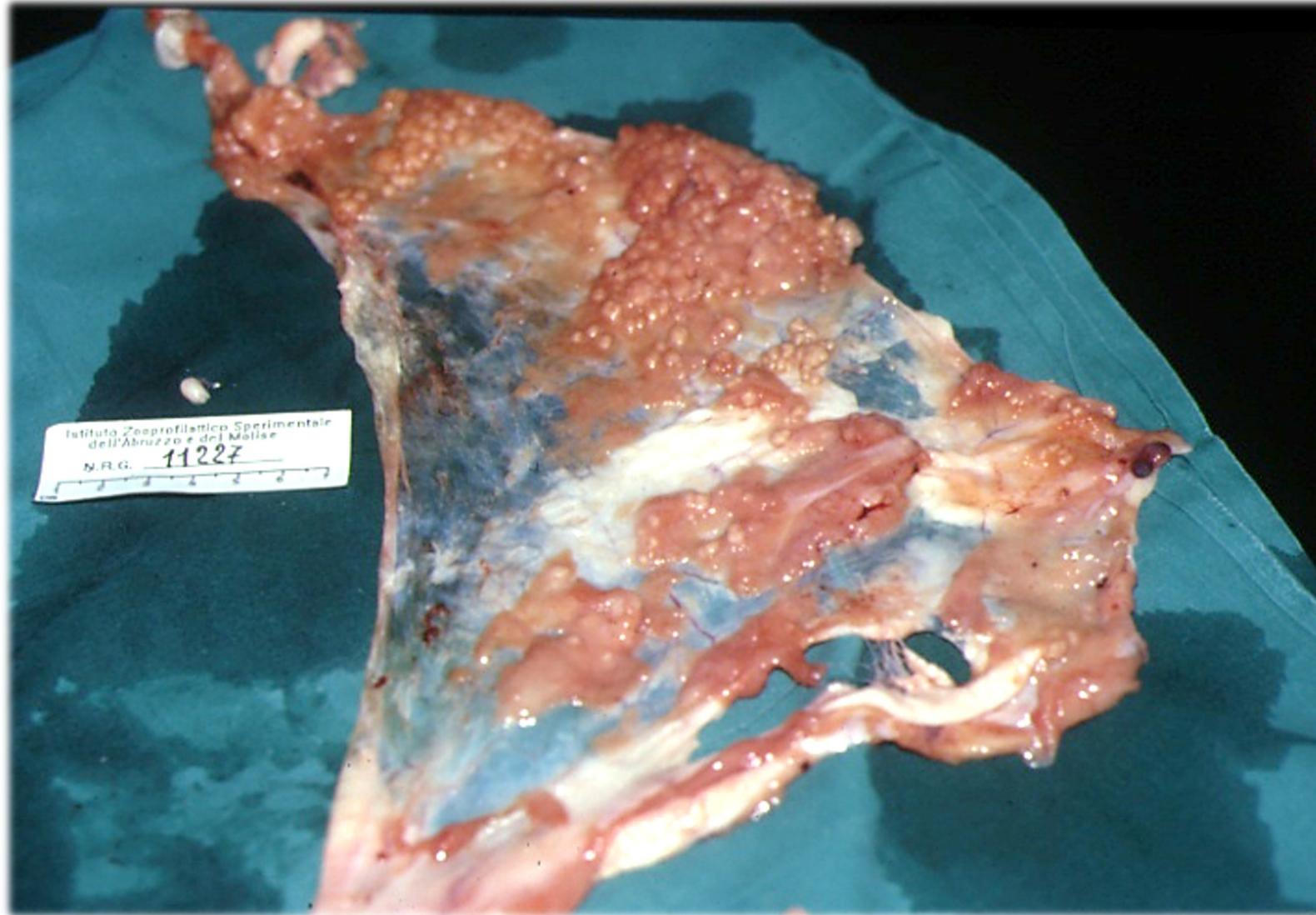


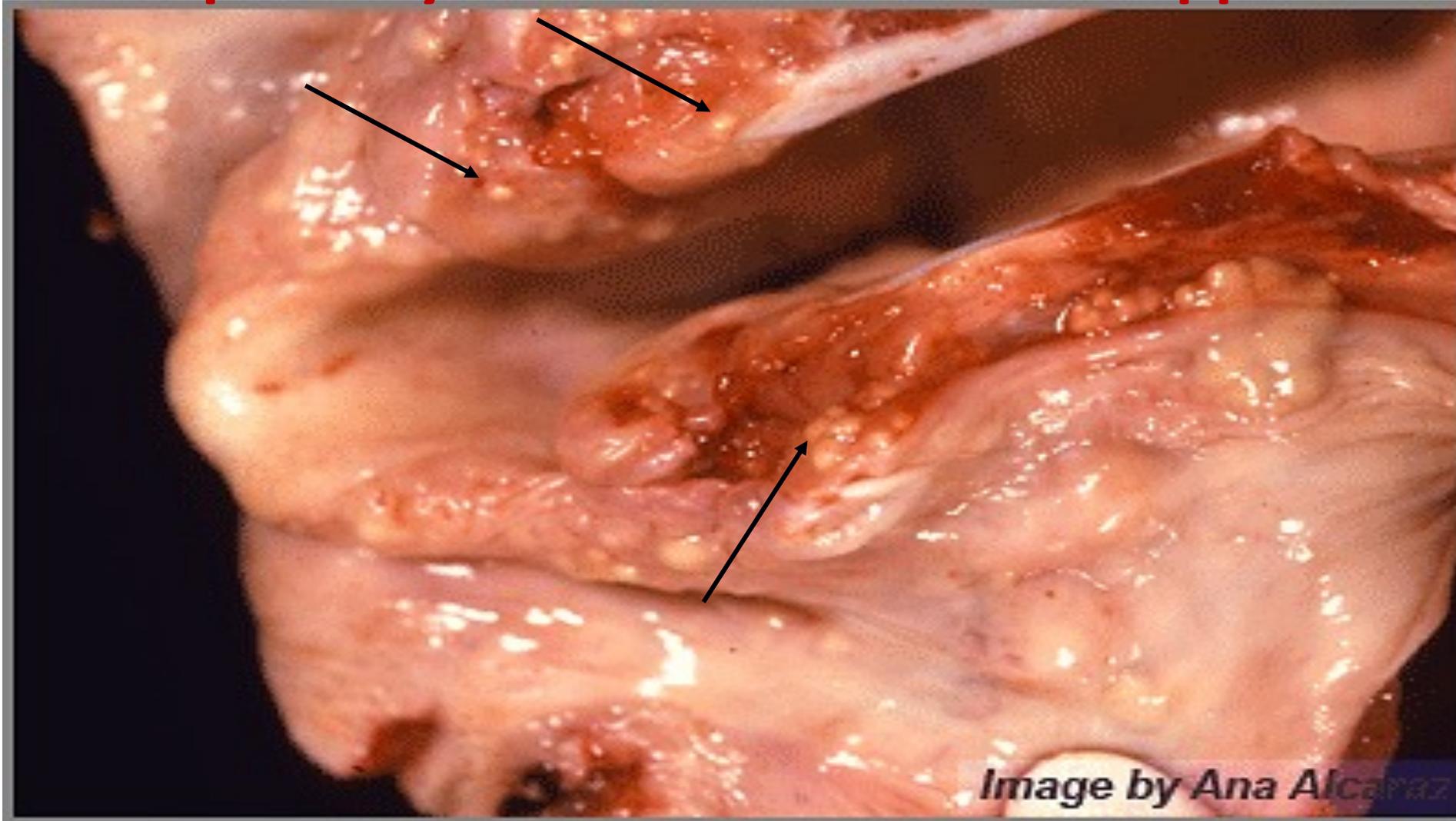
Image by Ana Alcaraz



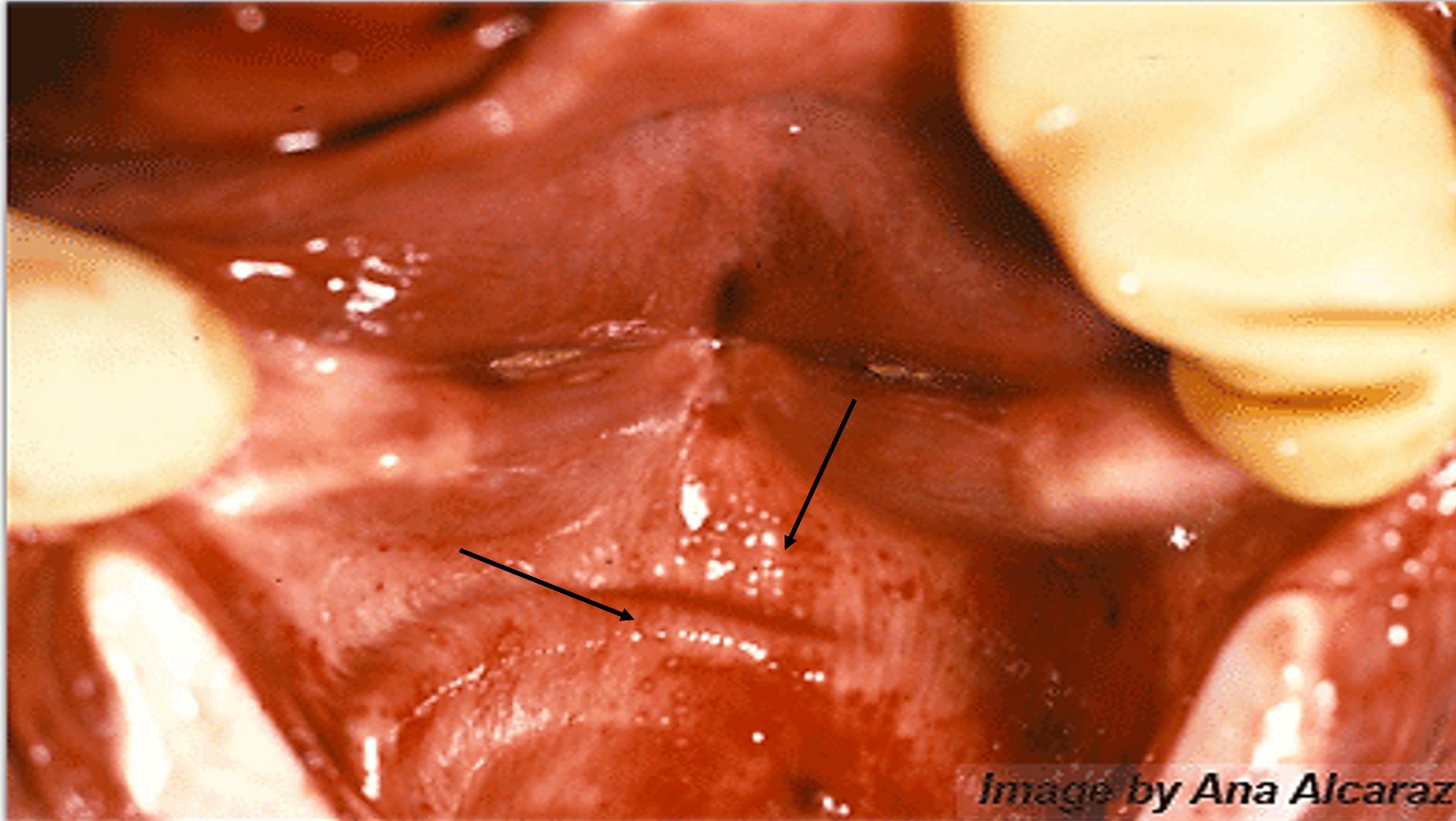
# Necrotic caseous-calcific Pleuritis; TB



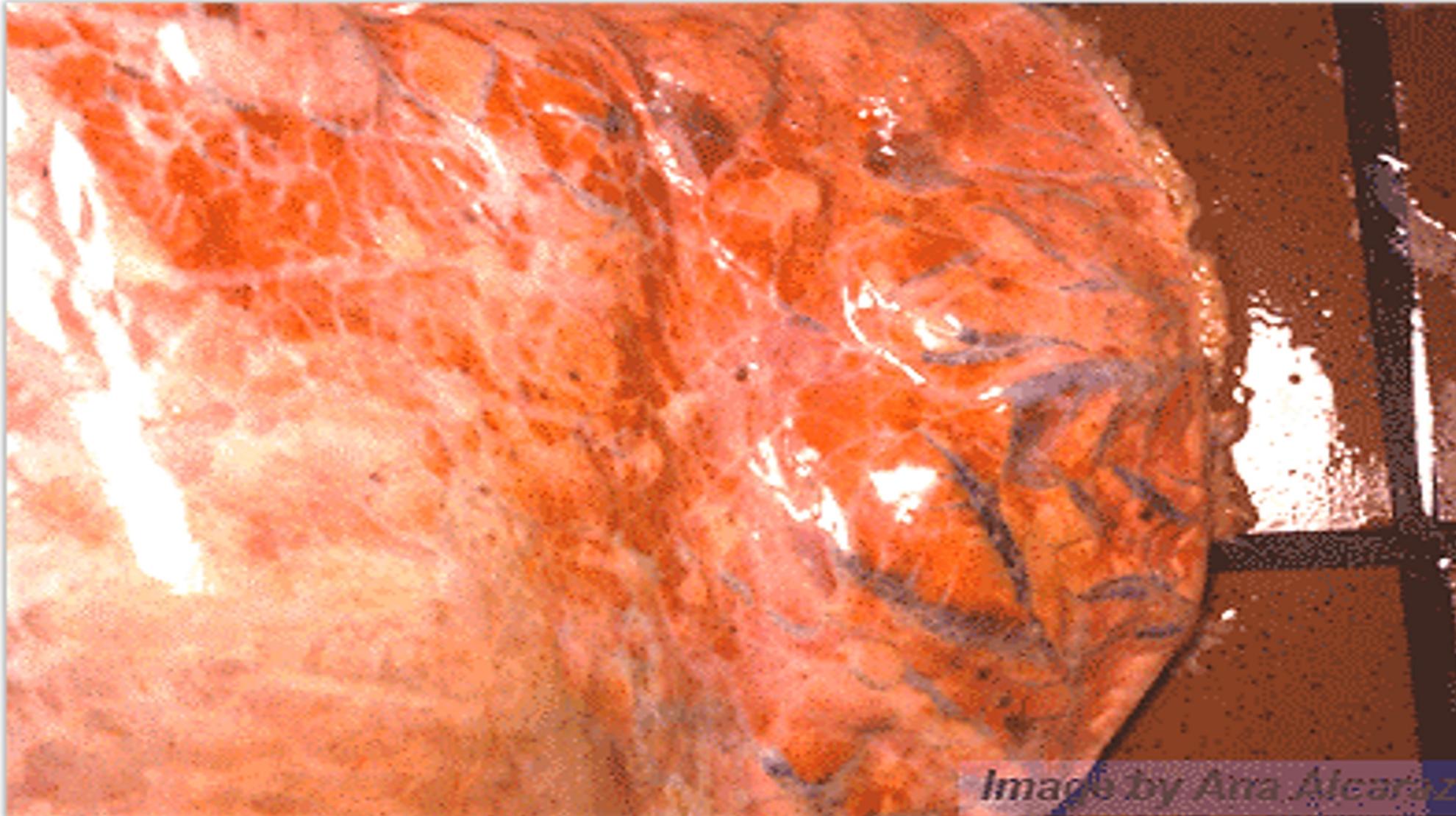
# Multifocal necrotic tracheitis possibly due to *Fusobacterium* spp.



# Trachea; Necrosis Pasteurellosis



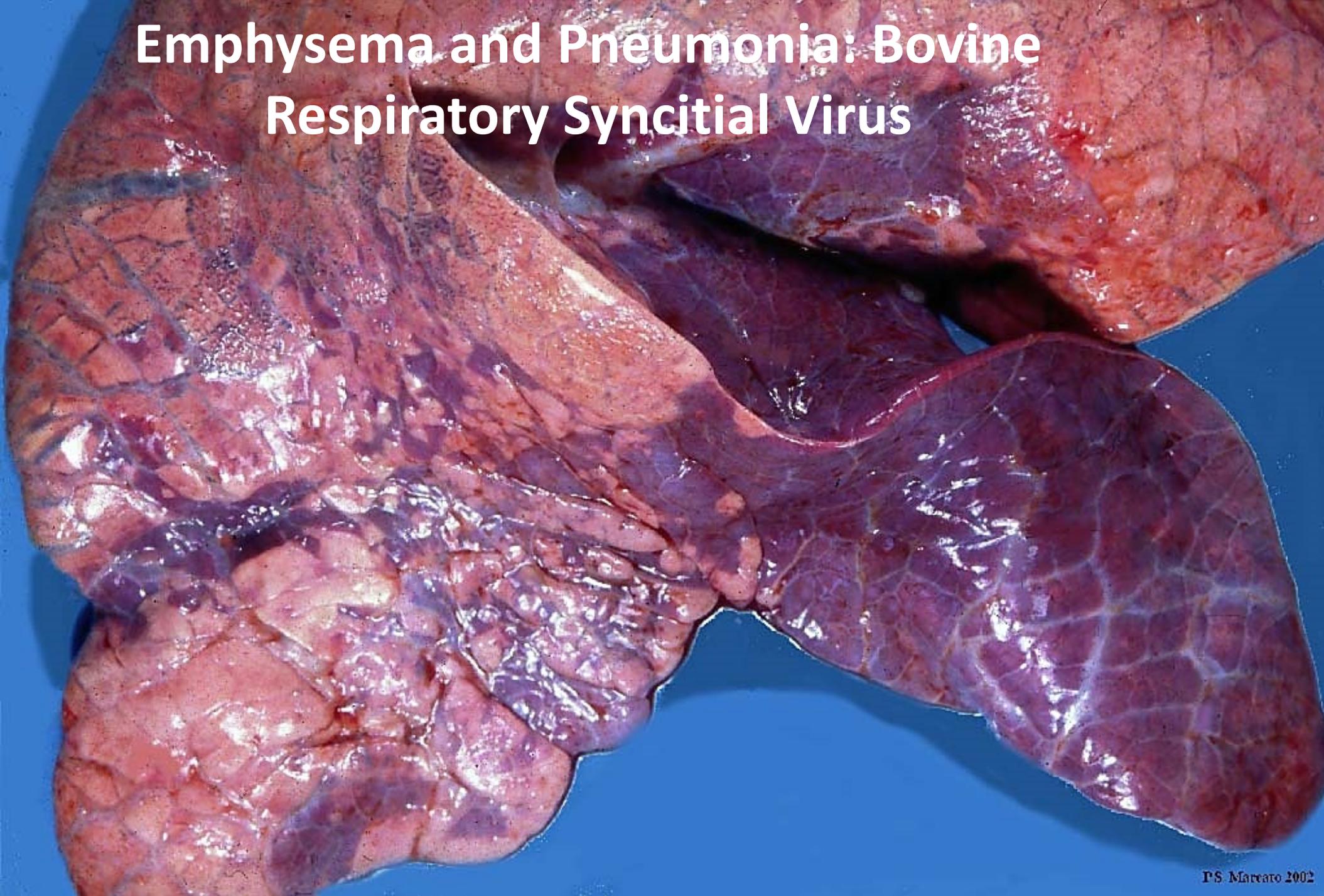
# Emphysema: Unknown



# Emphysema: Bovine Respiratory Syncytial Virus



# Emphysema and Pneumonia: Bovine Respiratory Syncytial Virus



# Acute interlobular edema : Unknown



**Calf lungs  
with  
congestion  
: Unknown**

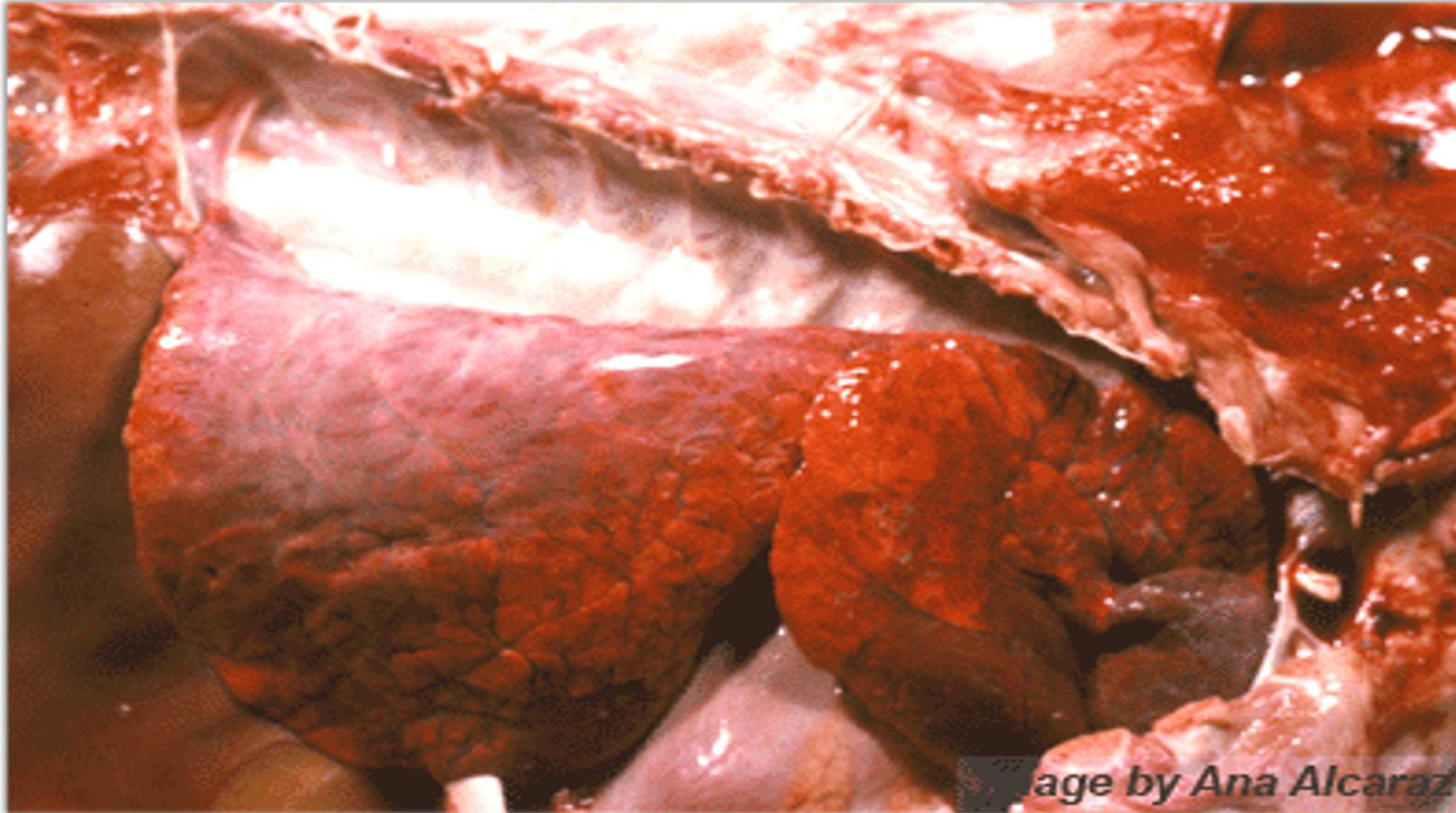
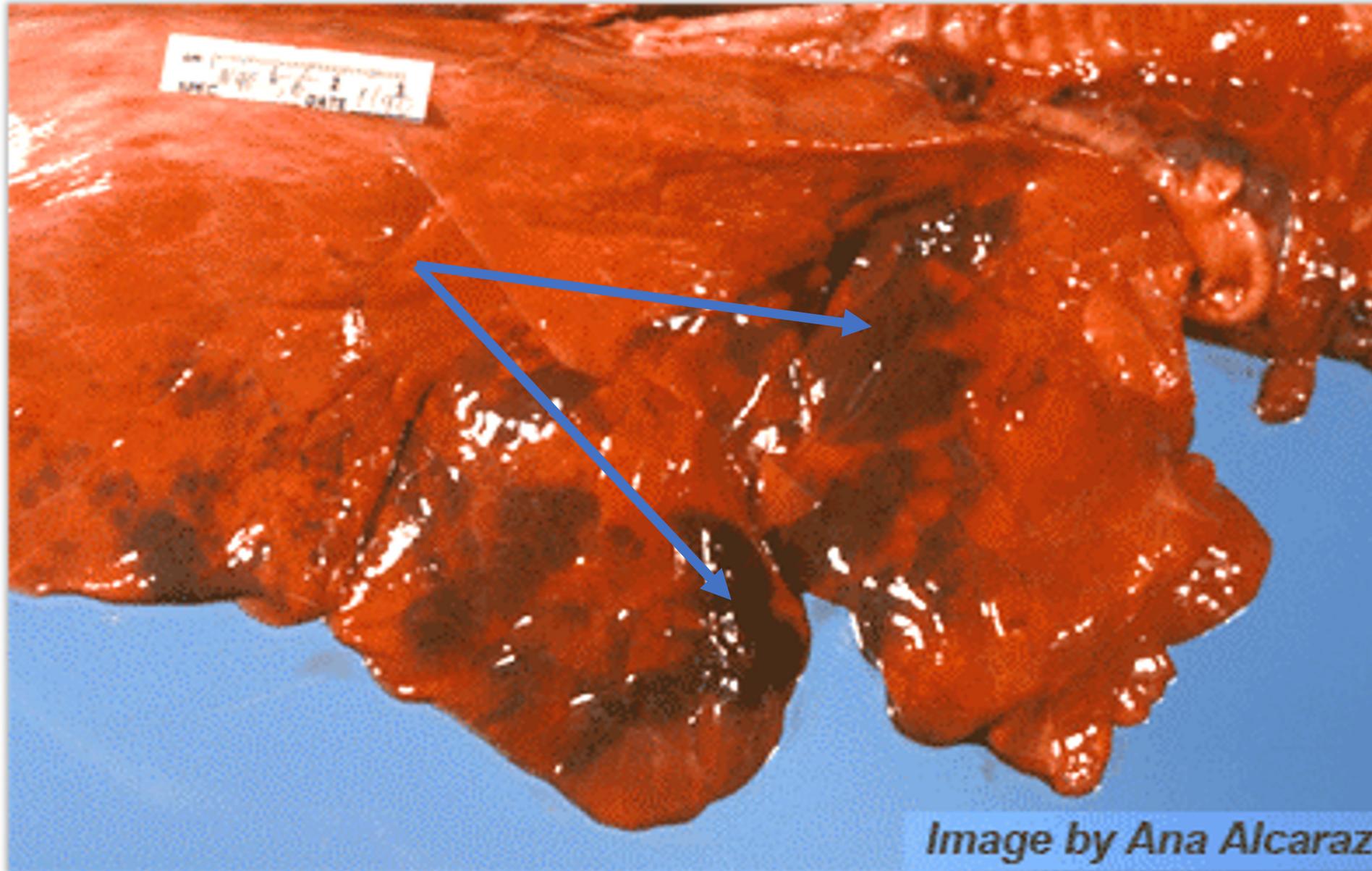


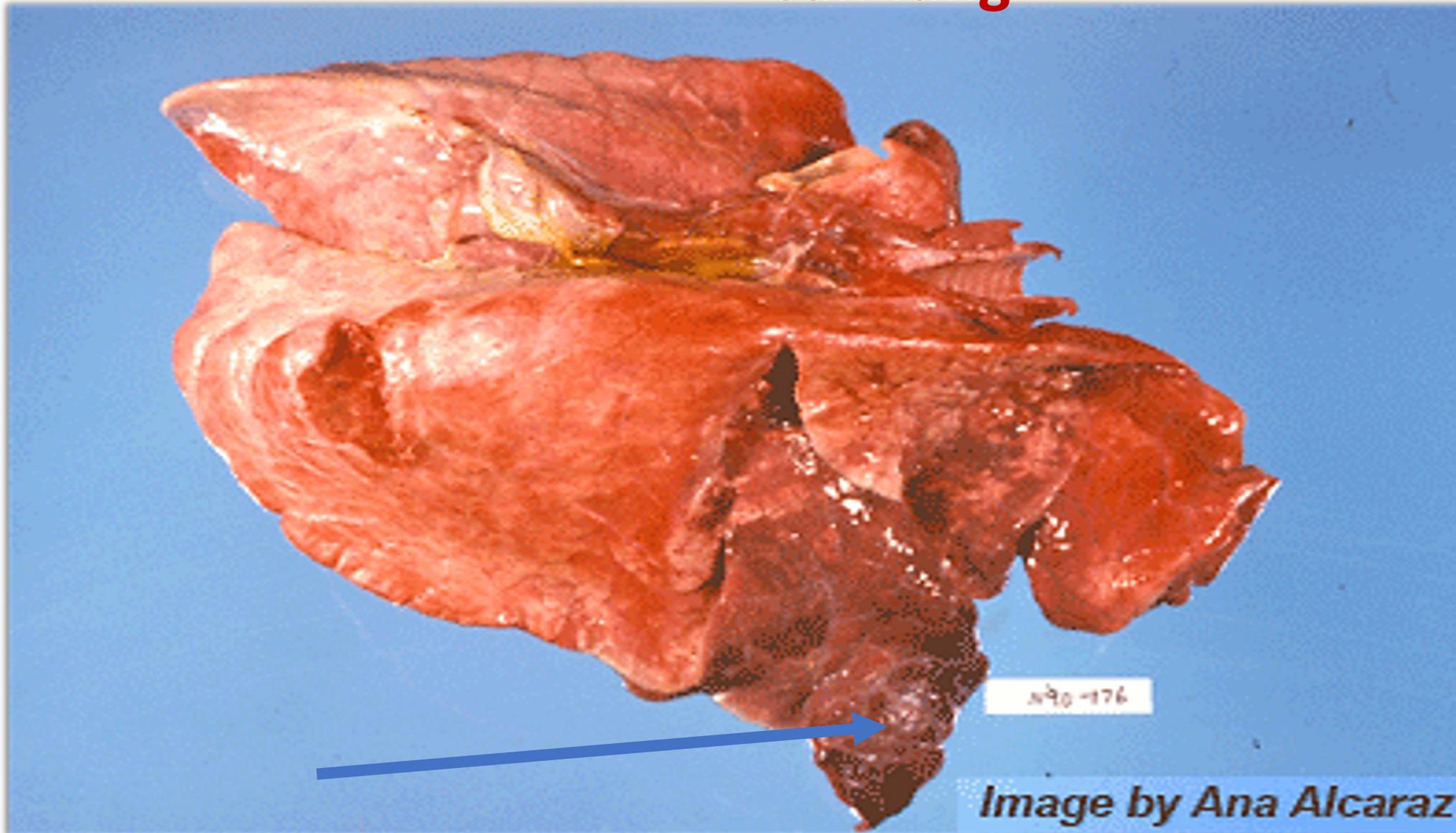
Image by Ana Alcaraz

**Calf lungs  
with  
congestion  
: Unknown**

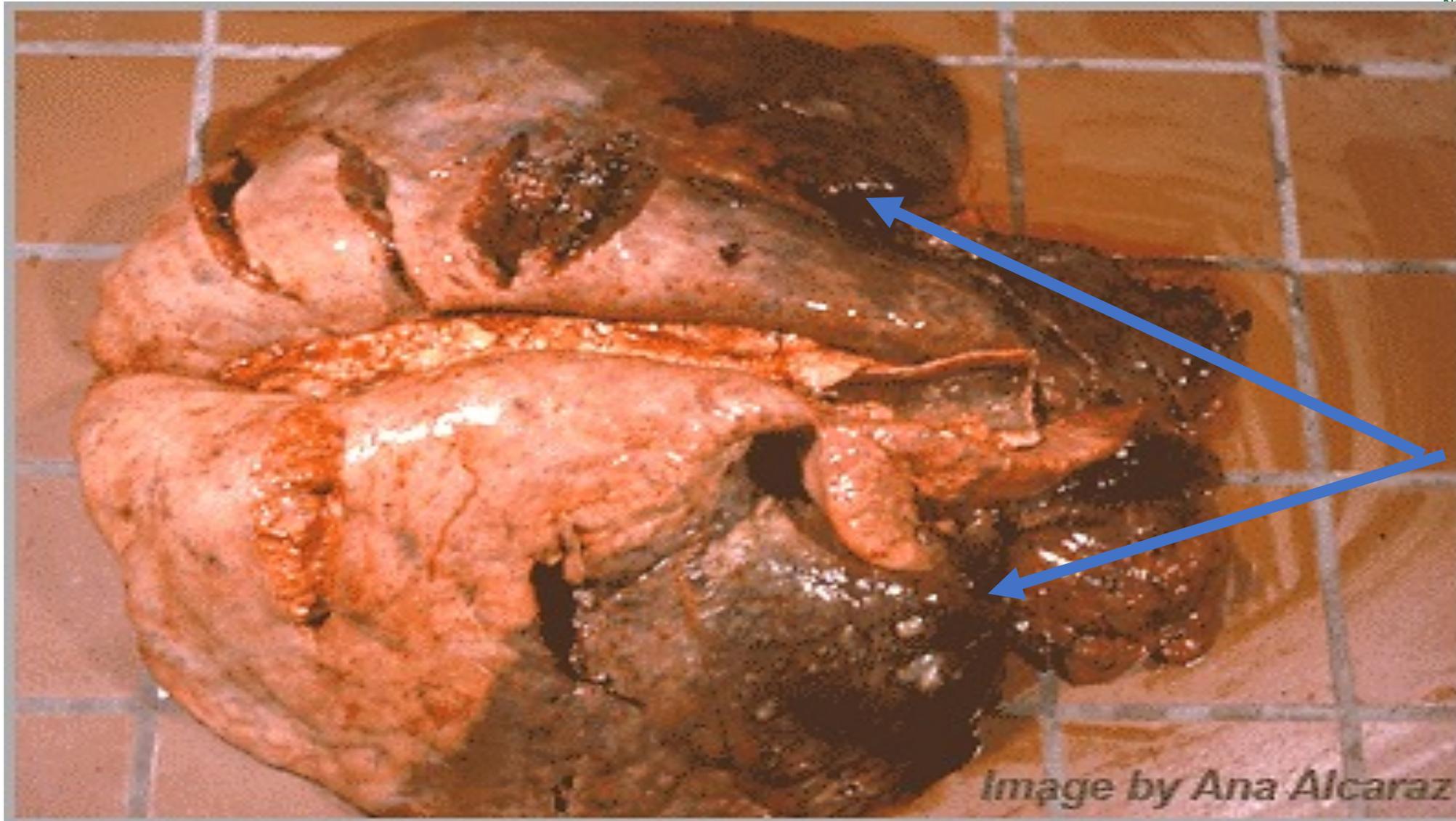


*Image by Ana Alcaraz*

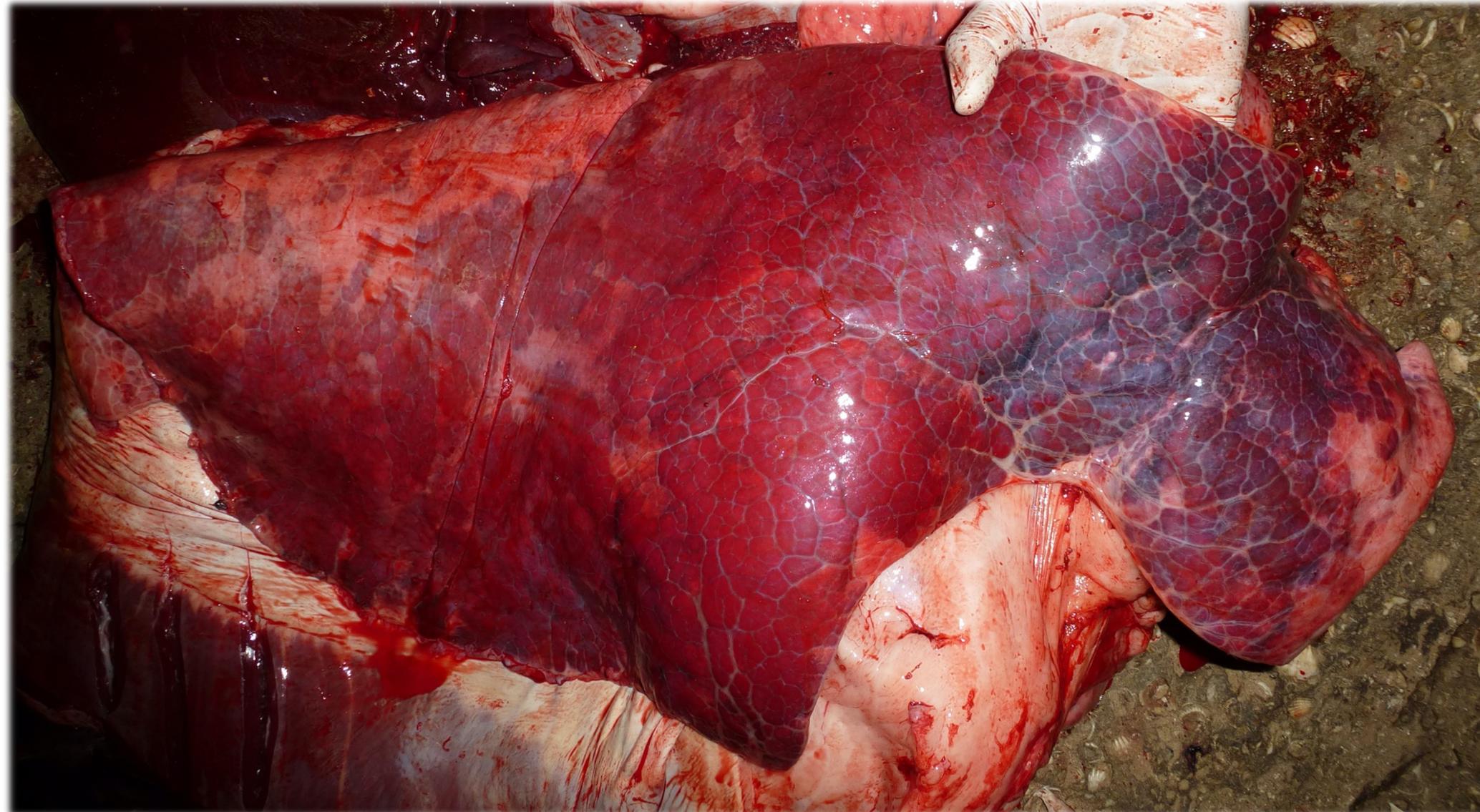
# Congestion: Enzootic Pneumonia Calf lung



# Congestion: Bilateral aspiration pneumonia post surgery



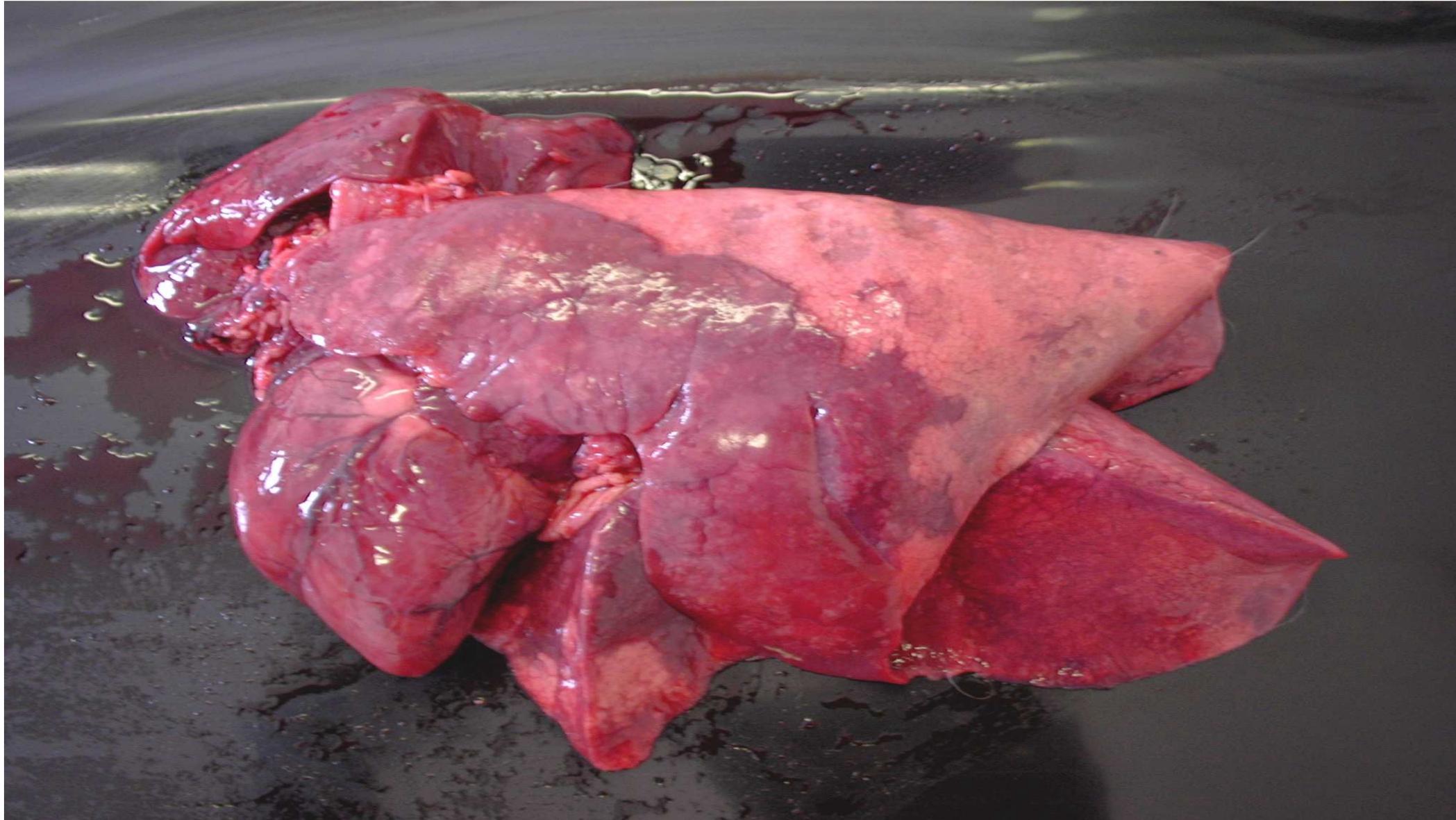
# Monolateral blood aspiration



# Blood aspiration



# Consolidation: Pasteurellosis *Mannheimia haemolytica*



# Consolidation: Enzootic Pneumonia



Image by Ana Alcazar

# Consolidation: bacterial bronchopneumonia (*H. somnus*, *Mycoplasma* spp)



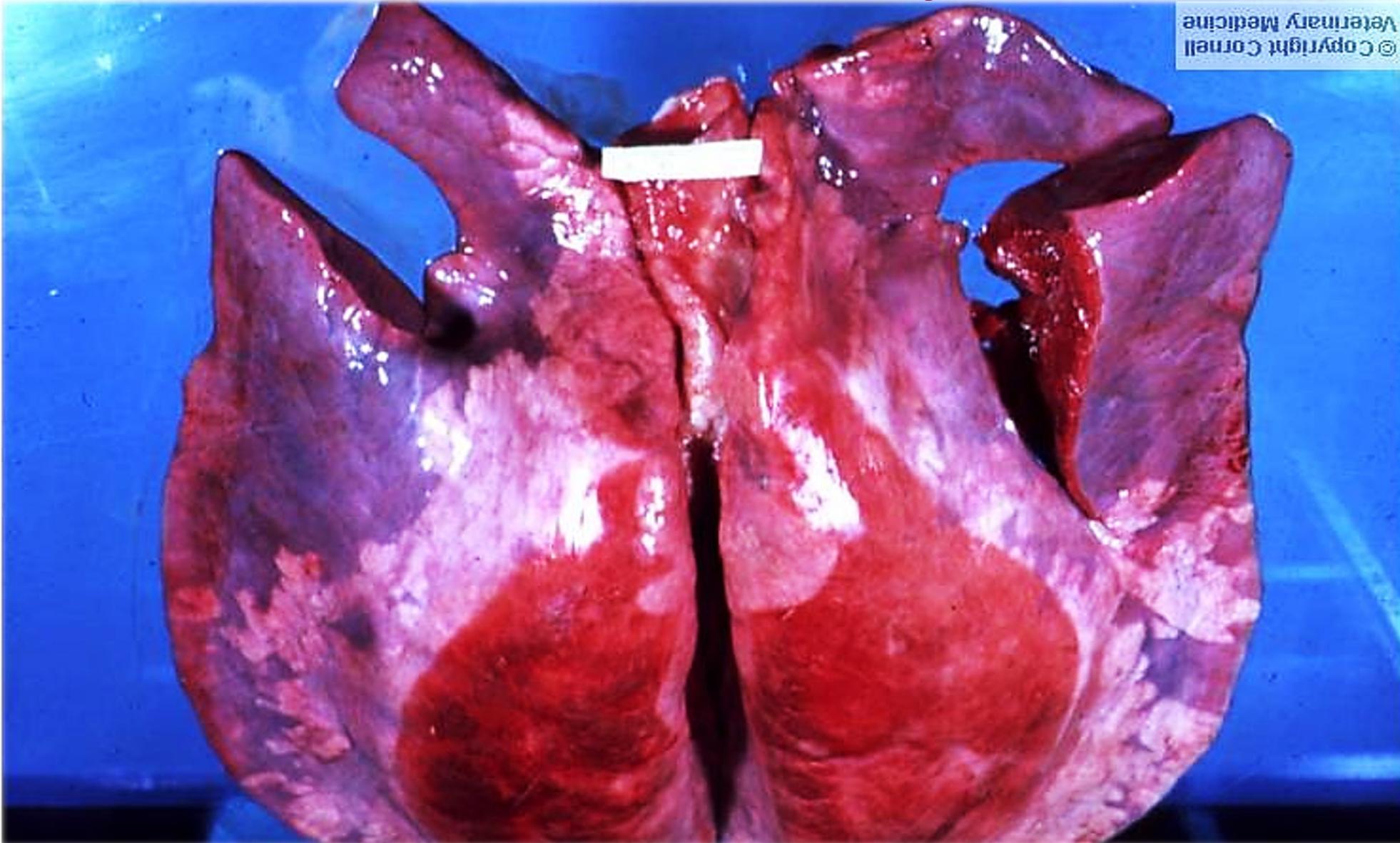
Image by Ana Alcaraz

# Air Infiltration: Bovine Respiratory Syncytial Virus Pneumonia



# Fibrinous pneumonia: Pasteurellosis

## *Mannheimia pneumonia*



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Veterinary Medicine

# Fibrinous pneumonia: Pasteurellosis *Mannheimia pneumonia*

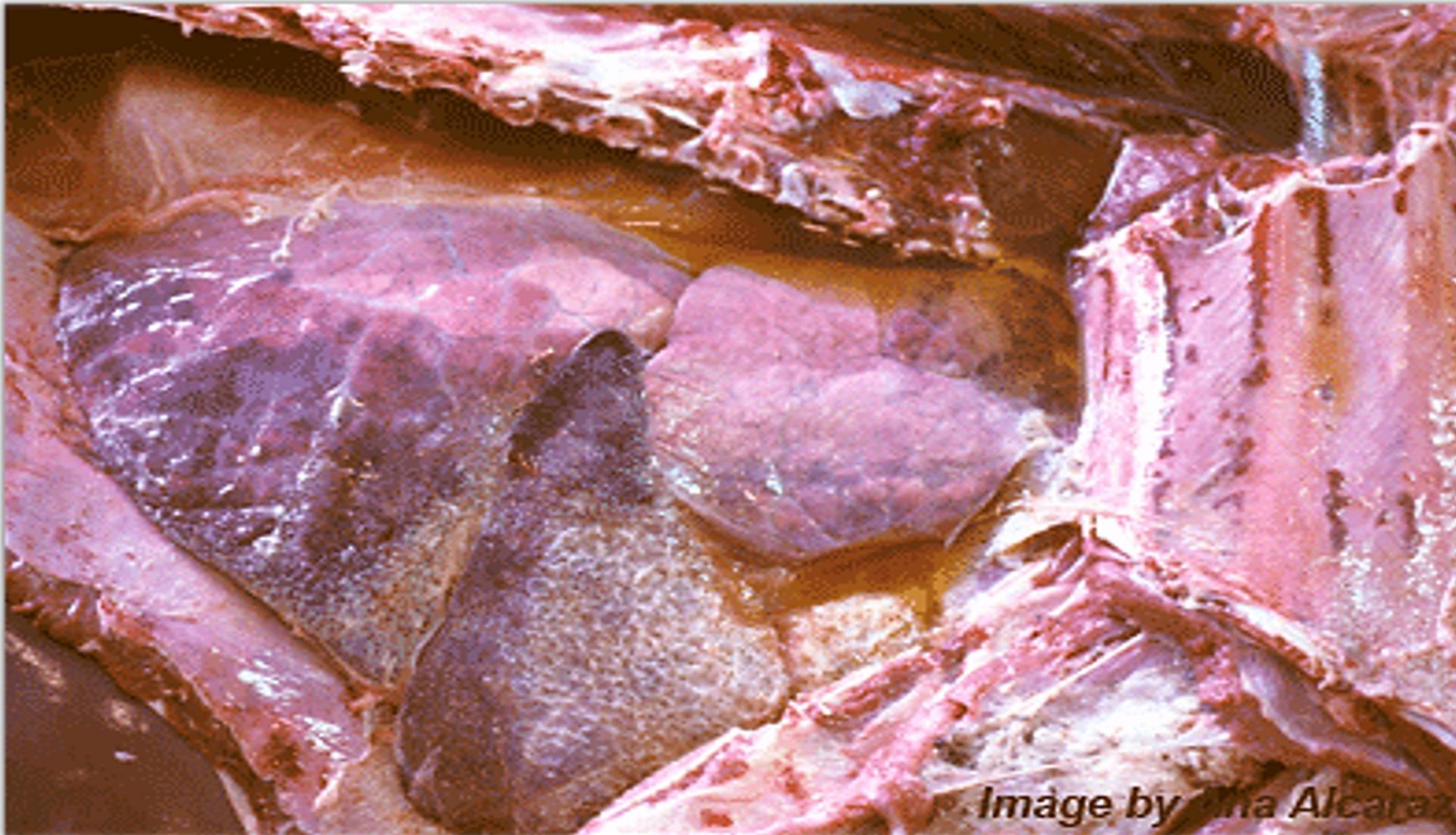


Image by Ana Alcatraz

# Fibrinous pericarditis



Image by Ana Alcaraz

# CBPP



**Fibrinous/necrotizing: Pasteurellosis**

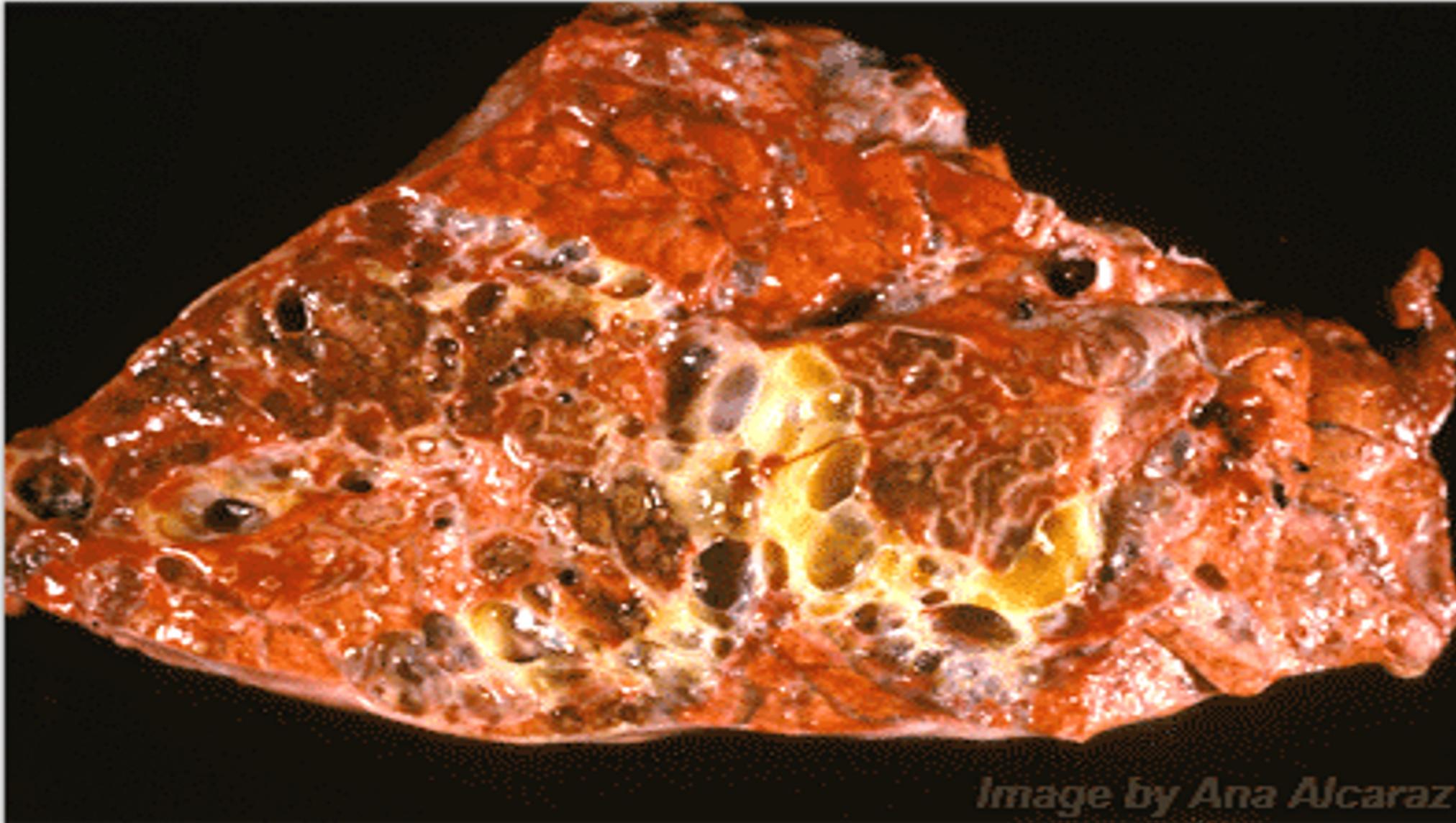
***Mannheimia pneumonia***

**Fibrinous-necrotic pneumonia with septic thrombi**



*Image by Ana Alcaraz*

# Granulomatous: Mycosis Mycotic pneumonia



*Image by Ana Alcaraz*

# Necrotic caseous-calcific Pneumonia; TB



# Necrotic Pneumonia; *Mycoplasma bovis*



NRG

9499/TE

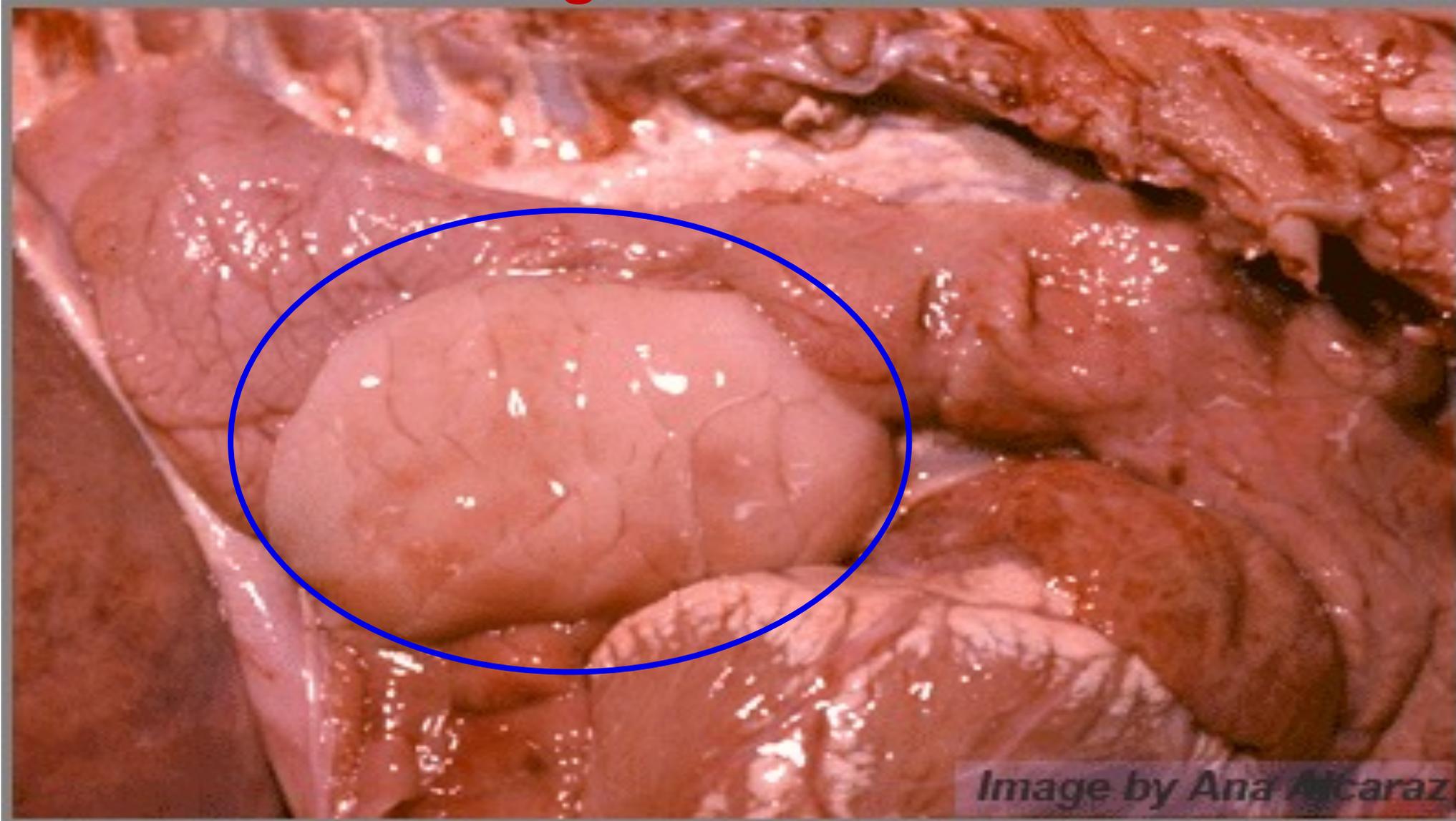
Data

15/06/07

0 1 2 3 4 5  
0,5 1,5 2,5 3,5 4,5

# Proliferative: Hamartoma

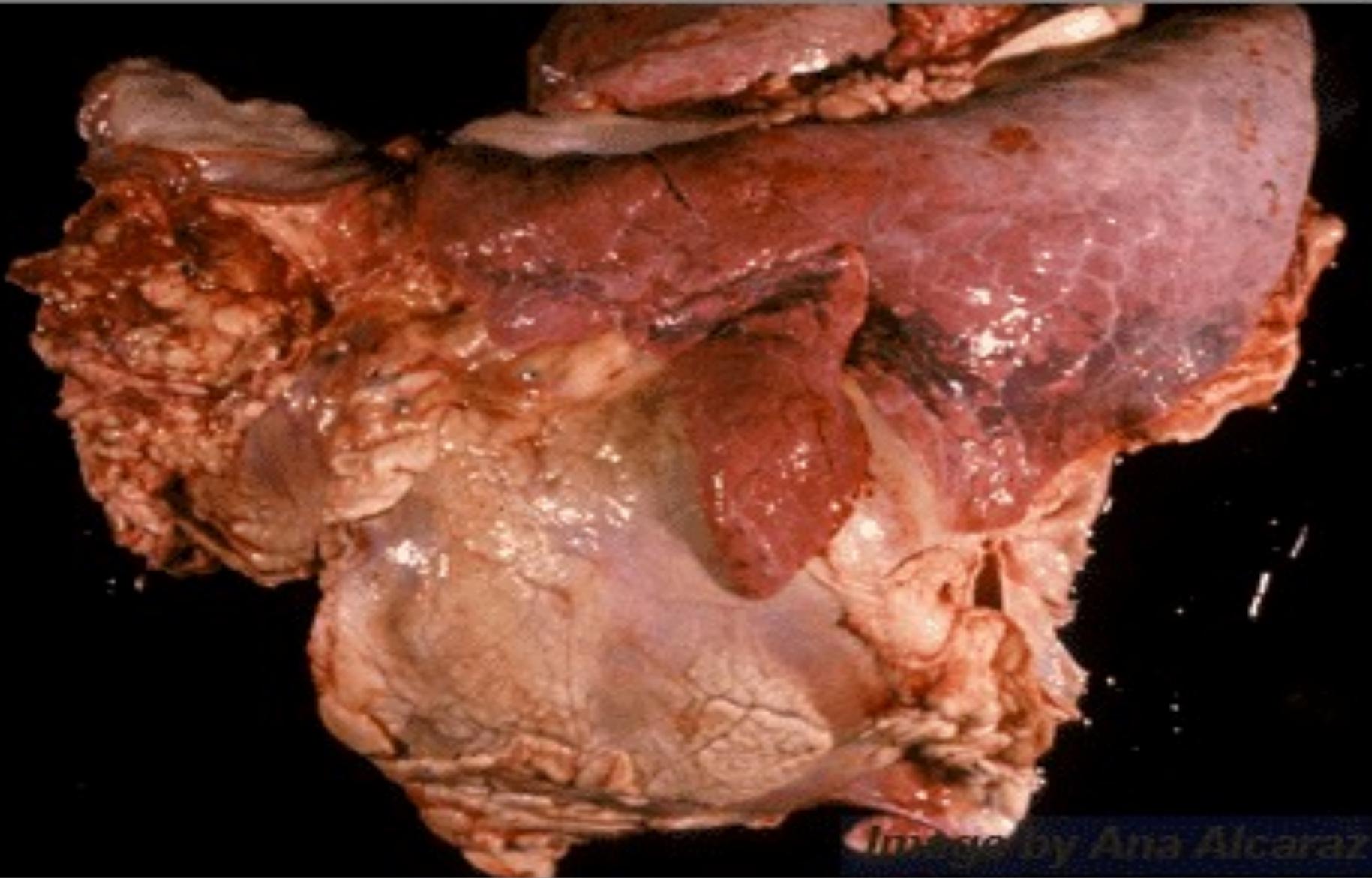
## Calf lung with bronchial Hamartoma



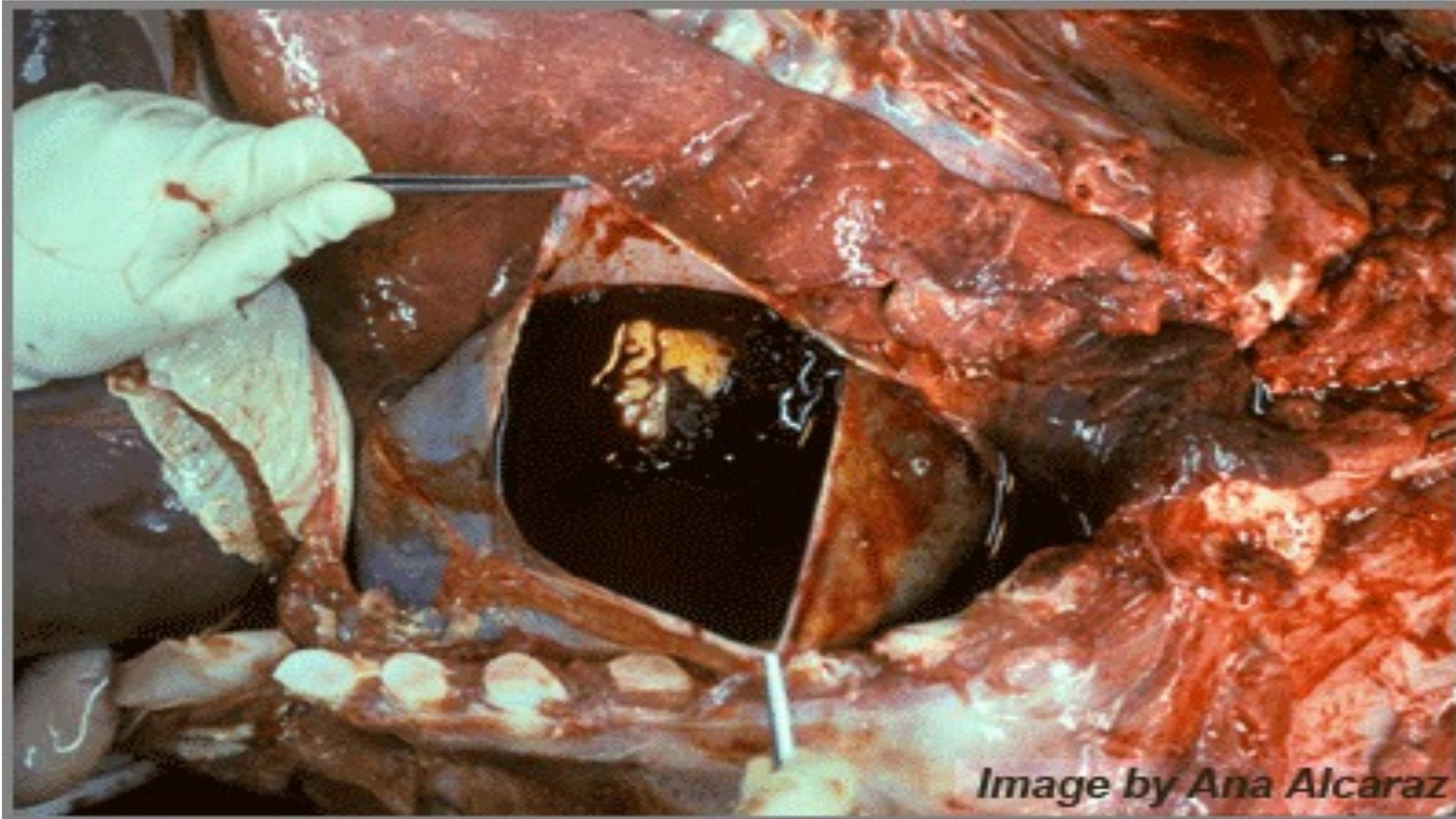
# ***Echinococcus granulosus cysts***



# Pericarditis and cardiomegaly; unknown cause



# Haemo-pericardium secondary to atrial perforation of unknown cause



*Image by Ana Alcaraz*

# Proliferative: Traumatic reticule-pericarditis

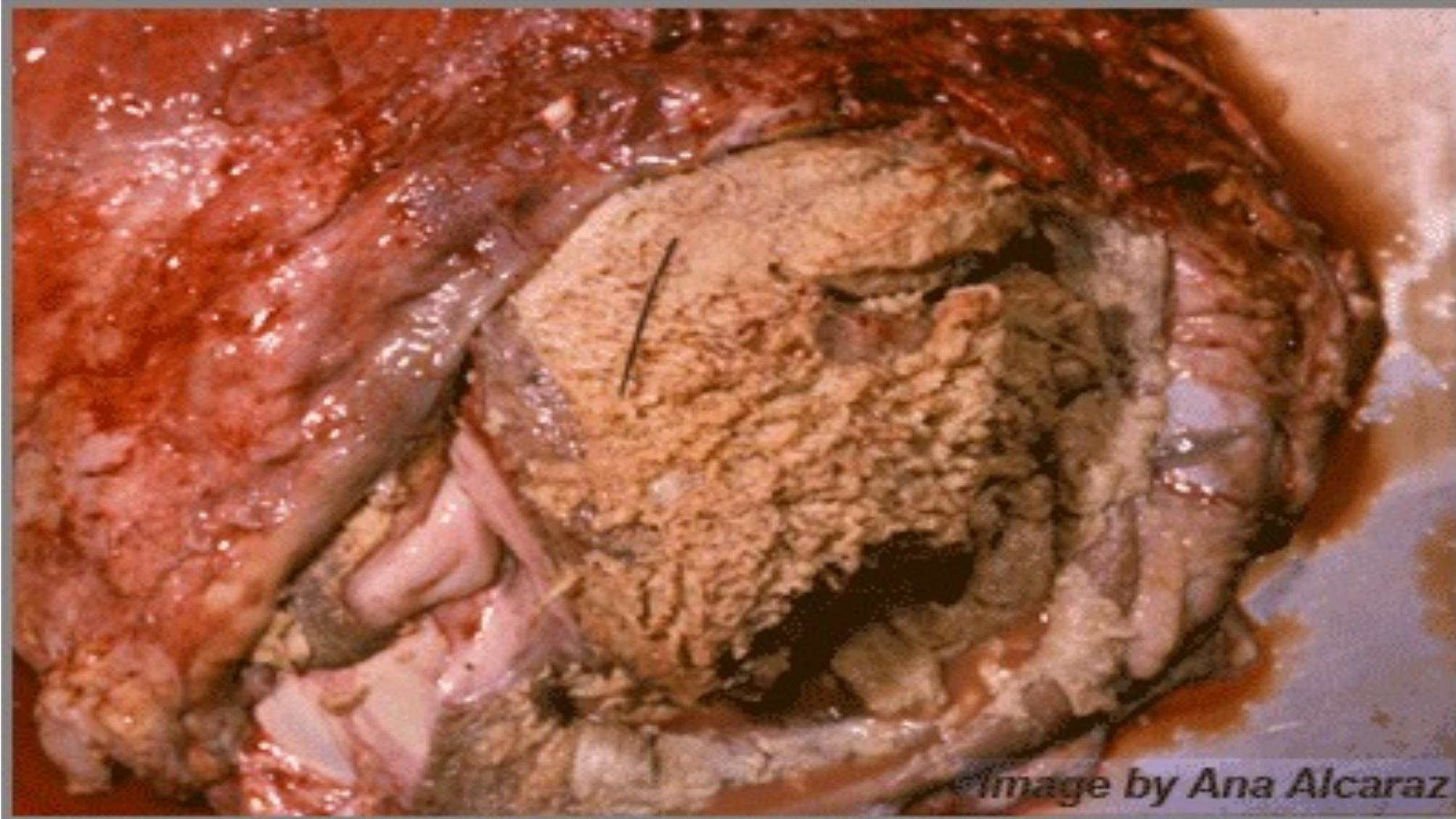
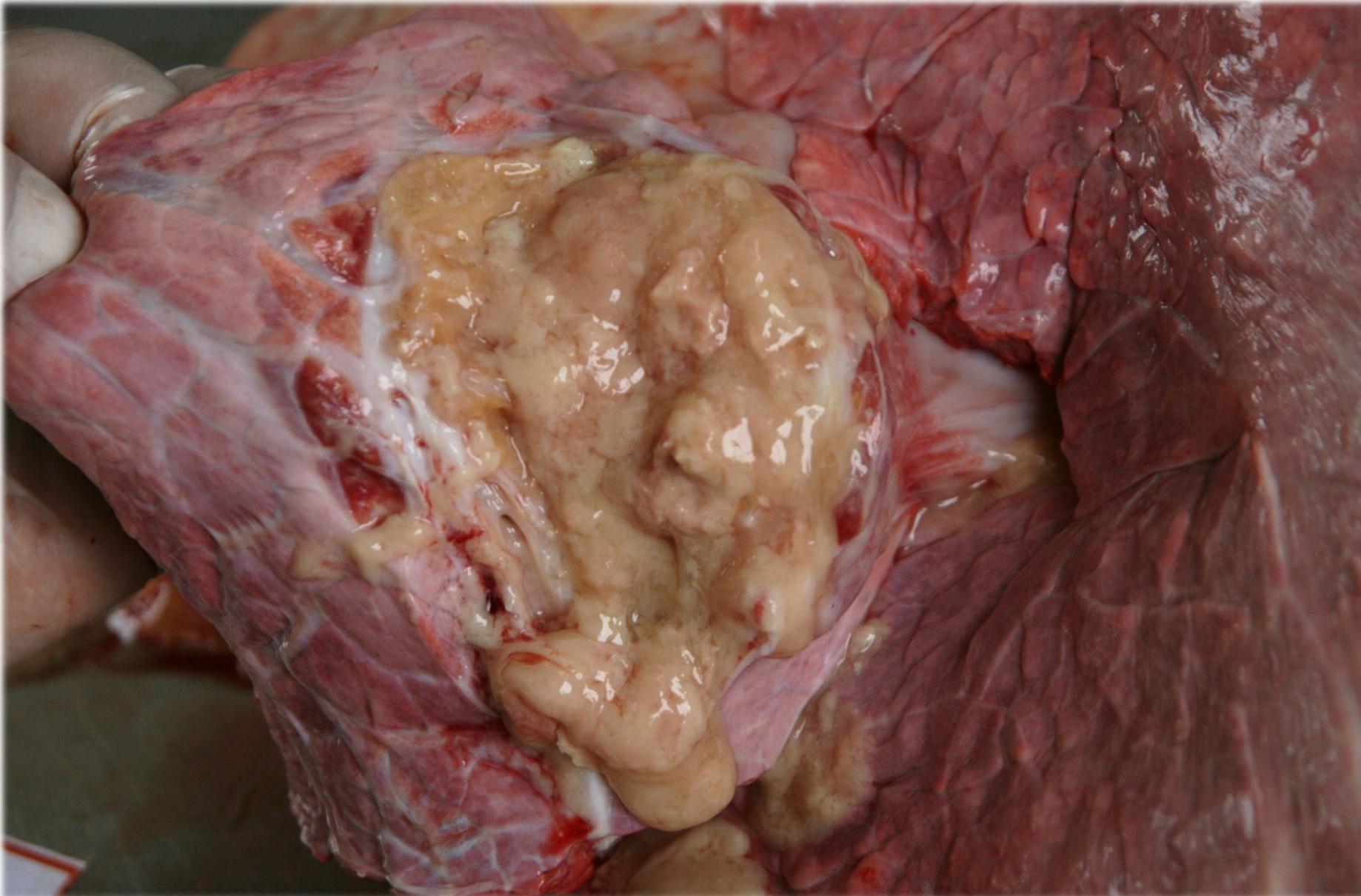


Image by Ana Alcaraz

# CBPP



thank  
you

