Post-Mortem Examination Training
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Specimen Collection

- Difficulty in obtaining specimens from the site of infection is *the* fundamental problem in pneumonia diagnostics.
Acute Respiratory Syndrome

• Avian Influenza (H5N1)
• SARs
• A(H1N1)pdm09
• H7N9
• MERS-CoV
Pre-Mortem VS Post-Mortem
Autopsy

- Autopsy in severe pneumonia infection case
  - Inappropriate of places
  - Unavailable tools required and infective prevention equipment
  - Risk in distribution of infection to autopsy pathologist and assistant pathologist
Necropsy

• Lung necropsy
  – Convenient way to take sampling lung tissue
  – Bedside procedure
  – Reduce time and assistant in contact with patients
  – Small needle puncture wound
Necropsy (2)

- Lung necropsy
  - Difficult to determine the location of the pathological examination is required
  - Inadequate lung tissue
  - Others tissue organs: liver, spleen, heart
Anatomy of Chest & Lung
anterior axillary line

Serratus anterior

Obliqueus externus

Rectus abdominis

Pectoralis major

midaxillary line

posterior axillary line

Latissimus dorsi

Trapezius
Questions/Comments
Thank you