Mycoplasma Pheumonia Study

Principal Investigators : Vichai Sangkasuwan, COL, MC, RTA
Krasare Nabnean, CPT, MSC, RTA

**OBJECTIVE :**

1. To determine the prevalence of Mycoplasma pneumonia CF antibody in apparently healthy persons.

2. To study the frequency of pneumonitis caused by Mycoplasma pneumonia.

**BACKGROUND :** This is the first attempt to study the occurrence of this infection in Thailand. The organism usually invades the lower respiratory track leading to bronchitis or pneumonitis.

**DESCRIPTION :** Two samples of blood collected at 10-14 days interval from patients with pneumonitis were tested for the presence of mycoplasma pneumonia complement fixing antibody.

**RESULTS :**

**CF Tests for Mycoplasma pneumonia in Apparently Healthy Persons**

| No. Tested | No. Negative | No. Positive |
|---|---|---|
| 147 | 65 | 82 |

**Titer**

| 1 : 8 | 1 : 16 | 1 : 32 | 1 : 64 | 1 : 128 |
|---|---|---|---|---|
| 1 | 22 | 21 | 29 | 0 |

**CF Antibody in Patients with Pneumonitis**

| Patient No. | CF Test On 1st Serum | CF Test On 2nd Serum |
|---|---|---|
| 1 | 1 : 16 | 1 : 512 |
| 2 | 1 : 512 (2 wk) | 1 : 512 (3 wk) |
| 3 | 1 : 512 (3 wk) | NA |

NA = Not Available