

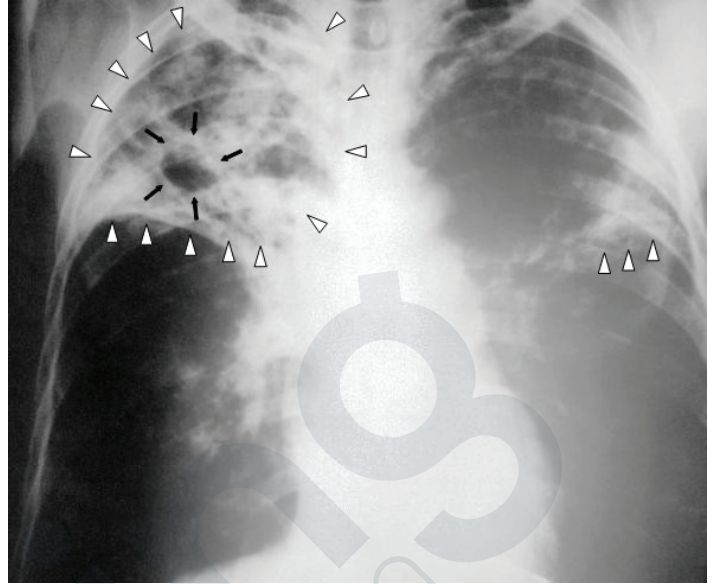
# TUBERCULOSIS PATHOCHART

## PATHOPHYSIOLOGY

Tuberculosis is a lung infection causing pneumonitis and granulomas in the lungs. It is caused by *Mycobacterium tuberculosis*.

## ASSESSMENT FINDINGS

Night sweats, chills, fatigue, weight loss, persistent cough, purulent sputum, anorexia.



## DIAGNOSTICS

- Chest x-ray
- Sputum culture and smear
- Mantoux skin test

## NURSING PRIORITIES

- Promote sufficient gas exchange
- Ensure adequate airway clearance
- Optimize energy levels

## THERAPEUTIC MANAGEMENT

- Place in an airborne isolation room
- Skin test should be measured in size
- Wear N95 mask and other appropriate PPE
- Adherence to medication schedule
- Administer supplemental oxygen as appropriate
- Promote appropriate nutrition
- Begin discharge teaching early as long-term follow up is crucial

## MEDICATION THERAPY

- Isoniazid
- Rifampin
- Pyrazinamide