

Case scenario 9.

Mr Vikram is 35 year old residing at Thokotu studied up to 10th std and has presented with fever cough with expectoration of 2 months with history of weight loss about 5 Kg in the last month. He is a tailor by occupation. His wife Savitha is a 30 years old and works as a cleaner in office. He has two children aged 4 years and 7 years. Both together earn around 10,000 rupees per month. He has been taking treatment for the above complaints since the past 2 months. They live in a rented pucca house, with 2 small living rooms with one window in each room, opened during the day with inadequate lighting. They have a separate kitchen and use fire wood and LPG for cooking. They fetch water from public well 20m from their house for drinking purposes and piped water for washing purposes stored in open drums. They have a bathroom with attached latrine connected to septic tank. Solid waste is collected by the house to house collection regularly; sullage is let into the kitchen garden through an open drain. Vector breeding sites are present. His appetite is low bowel and bladder habits are regular. He is smoker since the past 10 years he smokes 5 beedies per day, drinks alcohol occasionally. He consumes 1900 kcal and 45 gms of protein.

On examination: Height: 165 cm, Weight: 46 kgs, Temp: 99°F, Pulse- 74/ min, BP- 130/ 80 mm Hg, RR- 20 cycles/min. Pallor- present, Nicotine stained teeth, poor oral hygiene.

Respiratory system: Movements are normal and bilaterally symmetrical, Tracheal signs negative. Chest Expansion is 3cm, Vocal fremitus and resonance normal and bilaterally symmetrical. Normal vesicular breath sounds in all areas. Other systems appear normal.