

Consultation Summary

Patient: Yermakhan Kasymzhomart

Diagnosis:

The patient is a 45-year-old female presenting with a 5-day history of productive cough, low-grade fever (38.2 °C), and mild dyspnea on exertion. Chest auscultation revealed scattered wheezes and crackles in the right lower lung field. A chest X-ray shows right lower lobe infiltrates consistent with acute bronchitis.

Treatment:

– Advise increased fluid intake, rest, and use of a humidifier to ease airway irritation. – Recommend chest physiotherapy twice daily to assist secretion clearance. – Monitor temperature and oxygen saturation at home; return for reevaluation if SpO₂ < 92% or fever persists beyond 3 days.

Prescription:

Azithromycin 500 mg orally on day 1, then 250 mg once daily on days 2–5 Mucinex (Guaifenesin) 600 mg extended-release tablet, one tablet every 12 hours as needed for productive cough Albuterol inhaler, two puffs via metered-dose inhaler every 6 hours as needed for wheezing Acetaminophen 500 mg orally every 6 hours as needed for fever or discomfort Azithromycin 500 mg orally on day 1, then 250 mg once daily on days 2–5 Mucinex (Guaifenesin) 600 mg extended-release tablet, one tablet every 12 hours as needed for productive cough Albuterol inhaler, two puffs via metered-dose inhaler every 6 hours as needed for wheezing Acetaminophen 500 mg orally every 6 hours as needed for fever or discomfort

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