Hospital referral

Does the patient have an influenza-like illness?

Yes

If all of the following present, give oseltamivir 75 mg bd x 5 days:
- Acute influenza-like illness
- Fever > 38 °C
- Symptoms < 2 days

Assess need for O₂ therapy (maintain pO₂ > 8 kPa or SaO₂ > 92%)
Assess need for iv fluids

No

Does the patient have pneumonia?

Any of the following present?
1. Worsening illness
2. Person at high-risk of complications i.e. with any of
   - Age > 65 years
   - Long stay residential care
   - Chronic respiratory disease
   - Chronic liver disease
   - Chronic heart disease
   - Chronic renal disease
   - Diabetes mellitus
   - Immunosuppression

No

Antibiotics not indicated

Yes

Consider antibiotics
Preferred:
- Co-amoxiclav 625 mg tds or
- Doxycycline 200 mg stat, then 100 mg ad

Consider worsening comorbid illnesses according to disease-specific guidelines e.g. NICE COPD Guidelines
Assess need for admission

CURB-65 = 0 or 1
Consider home treatment

CURB-65 = 2
Consider:
- short in-patient stay or hospital supervised outpatient management

CURB-65 = 0 to 2
Treat as non-severe pneumonia

CURB-65 = 3 to 5 or primary viral pneumonia
Treat as severe pneumonia

Assess disease severity
1. Bilateral CXR changes i.e. primary viral pneumonia?
2. What is the CURB-65 score?
   - Score 1 point for each of the following (range 0–5):
     - Confusion*
     - Urea > 7 mmol/l
     - Respiratory rate > 30/min
     - Blood pressure (SBP < 90 mm Hg or DBP = 60 mm Hg)
     - Age > 65 years

Preferred oral antibiotics:
- Co-amoxiclav 625 mg tds or
- Doxycycline 200 mg stat, then 100 mg ad

Preferred iv antibiotics:
- Co-amoxiclav 1.2 g tds or
- Cefuroxime 1.5 g tds or
- Cefotaxime 1 g tds
PLUS
- Clarithromycin 500 mg bd or
- Erythromycin 500 mg qds

* Mental Test Score < 8, or new disorientation in person, place or time