Emery

Diagnosis

The presence of on. suggests acute severe.

- Peak flow less than 40%
- patient's best obtainable it
- not known)
- Inability to talk in uninterrupted.
- Respiratory rate > 30/min
- Tachycardia > 120/min

Specific treatment At home

Assess airway/breathing/circulation

Oxygen-high flow Nebulized β₂-agonists (e.g. salbutamol 5 mg, terbutaline

Oxygen-high flow

5-10 mg) or via a spacer Prednisolone 40 mg orally

At hospital

Reassess airway/breathing/circulation

Nebulized β_2 -agonists (e.g. salbutamol 5 mg, terbutaline

5-10 mg) 4 hourly

Chest X-ray to exclude pneumothorax

Hydrocortisone 200 mg 4 hourly intravenously

Intravenous bronchodilators

If there is no improvement or if obviously life-threatening features are present (see p. 339) give intravenous aminophylline (250 mg over 30 min) or an intravenous β₂-

agonist (e.g. salbutamol 200 mg or terbutaline 250 µg over 10 min). A β₂-agonist is preferred if the patient is

already taking oral theophylline.

Unhelpful treatment

Sedatives are absolutely contraindicated outside the intensive care unit

Antibiotics are not indicated unless there is radiological evidence of an infection

Indications for intensive care

Patients with features of life-threatening asthma require intensive monitoring by experienced staff. Patients with

the following features require intensive care:

hypoxia (Pao₂ < 8 kPa) despite 60% inspired</p> oxygen hypercapnia (Paco₂ > 6 kPa)

cyanosis

exhaustion

bradycardia

- hypotension confusion or drowsiness
- unconsciousness
- respiratory arrest