



## Oral Penicillin Challenge – Initial management of patients experiencing allergic symptoms

Patients undergoing oral penicillin challenge should be managed by appropriately trained staff with immediate access to full resuscitation facilities including advanced life support equipment and drugs.

Patients experiencing mild to moderate allergic symptoms (e.g. itch, urticaria, sneezing or rhinitis) following an oral challenge should have their vital signs (heart rate, blood pressure, oxygen saturation and respiratory rate) monitored as part of an approach.

Airway Breathing Circulation Disability Exposure

If symptoms remain stable and non life-threatening consider:

Oral antihistamines (e.g. 4mg chlorphenamine) Inhaled bronchodilators (e.g. 2 puffs salbutamol) Oral steroids (e.g. 30mg prednisolone)

Patients should be monitored closely and reassessed regularly. If symptoms do not improve, or the clinical picture deteriorates, call for senior medical assistance. Supplementary oxygen via should be given via a face mask and intravenous access obtained.

Signs and symptoms of a severe allergic or anaphylactic reaction include:

Respiratory compromise (e.g. shortness of breath, wheeze or stridor) Loss of consciousness Hypotension Collapse Worsening skin reaction changes (e.g. widespread rash, hives or itch)

If anaphylaxis is suspected treat according to Resuscitation Council (UK) guidelines below





## Anaphylaxis

