

## Measurement strategy – antibiotic allergy de-labelling

### Outcome

Outcome measures are measures of the performance of the system you are seeking to improve, and relate directly to the aim. Outcome measures may describe how the system impacts the health and wellbeing of patients.

- The proportion of patients who have their antibiotic allergy label removed
- The number of antibiotic allergies that have been removed (because a patient may have more than one label removed)
- The proportion of patients who receive a narrower antibiotic agent as treatment, following de-labelling

### Process

Process measures describe whether steps in the system are performing as planned.

- The proportion of patients who undergo an antibiotic allergy assessment
- The proportion of patients who undergo an oral rechallenge
- The proportion of patients who are referred to an immunology clinic
- The proportion of patients assessed who have missing or incorrect antibiotic allergy reactions documented in their medical records

### Balancing measures

These describe whether improvements in one part of the system are made at the expense of other processes in other parts of the system. They are sometimes called 'unintended consequences', though not all balancing measures are negative.

- The proportion of patients who have a harmful reaction to antibiotic rechallenge
- The proportion of patients who get de-labelled to a specific antibiotic agent but are then re-labelled to that same agent.