Vaccine safety is tested in the laboratory and on animals.

**Clinical Trials**

A vaccine needs to pass all three phases (below) to progress to the next stage:

**Phase I**
- Healthy volunteers are tested and vaccine safety in the human body studied.

**Phase II**
- Data on efficacy is gathered by testing hundreds of trial participants.

**Phase III**
- Large trials investigate safety and effectiveness using different populations.

**Post-Licensure Assessment**
- Studies continue to check efficacy and potential side effects.

Figure 5.1 / The phases of vaccine safety testing