







562BC: First clinical trial recorded (Book of Daniel)
Meat + wine vs vegetables – to maintain good health
1537: First clinical trial of a novel therapy
Boiling oil vs egg yolk/ oil of roses / turpentine – to heal battle wounds
1747: First controlled clinical trial
General diet vs general diet + oranges and lemons - in scurvy
1863: First use of placebo in clinical trial
1923: First use of randomisation
1948: First randomised, double-blind controlled clinical trial – MRC trial
of streptomycin in pulmonary tuberculosis
1964: Declaration of Helsinki – set out trial ethics, including informed consent



## How are clinical trials designed?



Clinical trials are designed to give a clear assessment of the effect of a treatment

- need to compare with control group
- the effects of chance or bias have to be removed











































