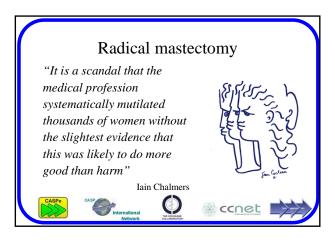


"Advice to put infants to sleep on the front for nearly a half century was contrary to evidence available from 1970 that this was likely to be harmful. Systematic review of preventable risk factors for SIDS from 1970 would have led to earlier recognition of the risks of sleeping on the front and might have prevented over 10,000 infant deaths in the UK and at least 50,000 in Europe, the USA, and Australasia."

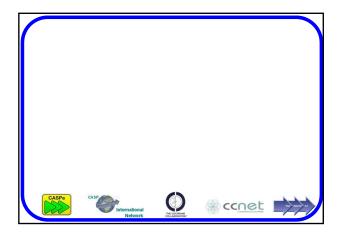








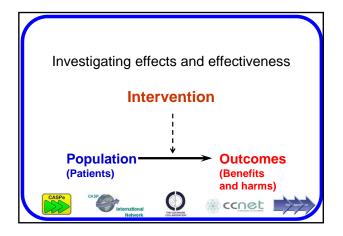














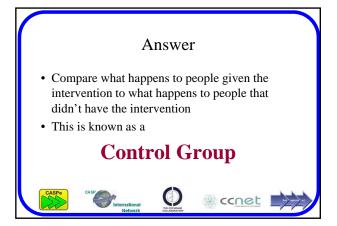
'The art of medicine consists in amusing the patient while nature cures the disease.'

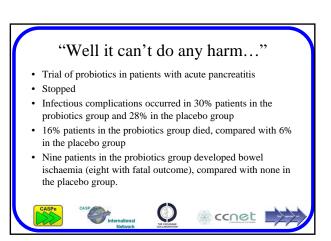
Voltaire

How could you design a study to minimise the chance of being fooled into thinking an intervention is effective (or harmful), when the changes observed would simply have happened any way?

End

CASE







Is the "effect" due to pre-existing differences between the groups?

- Differences?
 - Severity of illness
 - Where they live
 - Genetics
 - Social class
 - Volunteers
 - Sex
 - Age
 - Past treatments





