- faecal-oral route - replication in intestine
- watery diarrhoea - dehydration follows
- no specific treatment
  - restore fluids/electrolytes
- live attenuated vaccine - oral
- common side effects
  - fever, diarrhoea, vomiting

tetanus
- caused by toxin
- spores are widespread in the environment
- neurotoxin produce in the absence of O2
- symptoms
  - muscle spasms
  - seizure-like activity
  - respiratory muscles paralysed
  - death (almost always)
- common in newborns
- booster immunisation every 10 years