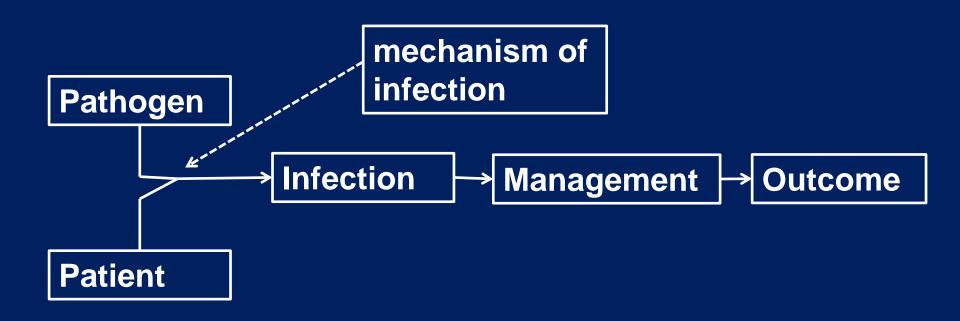
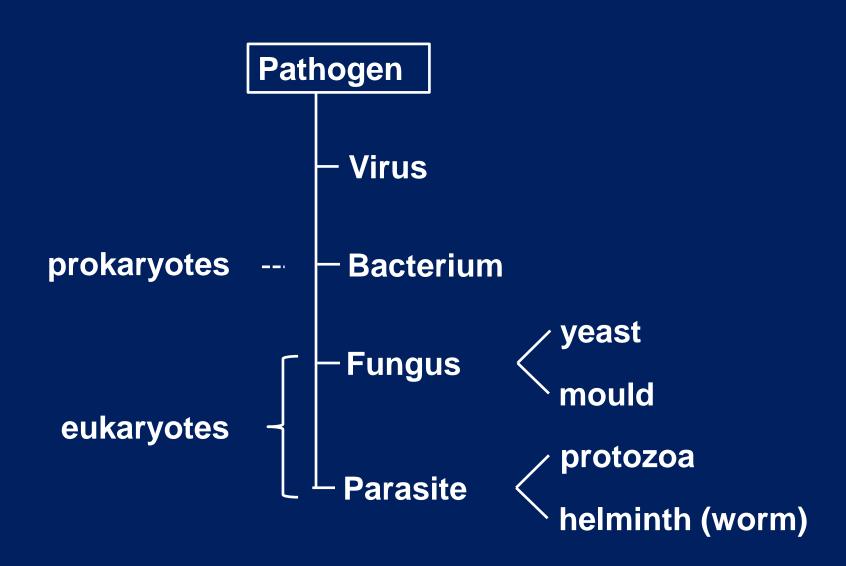
An Infection Model



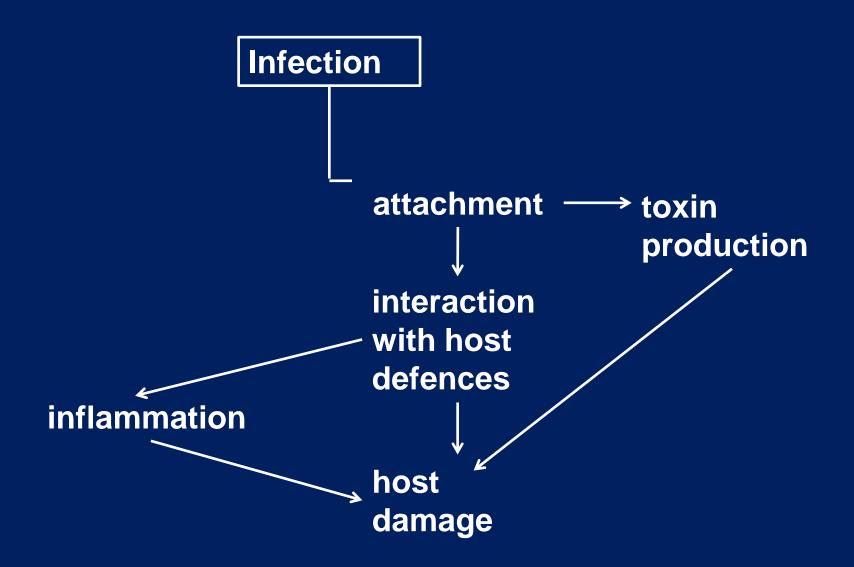


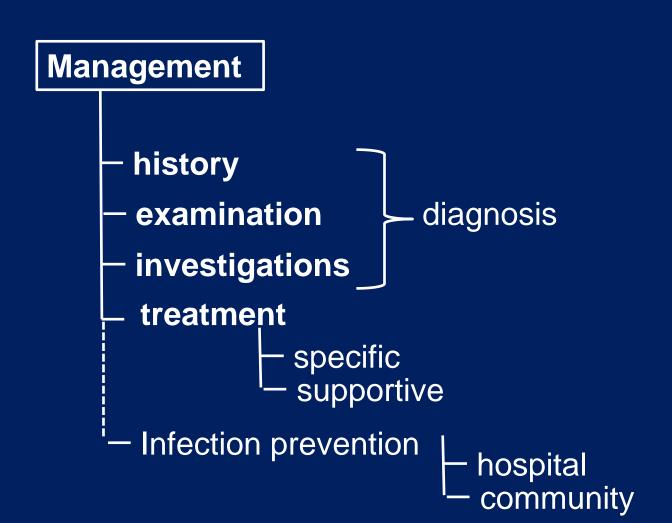
Patient Person age gender physiological state pathological state social factors **Time** calendar time relative time **Place** current

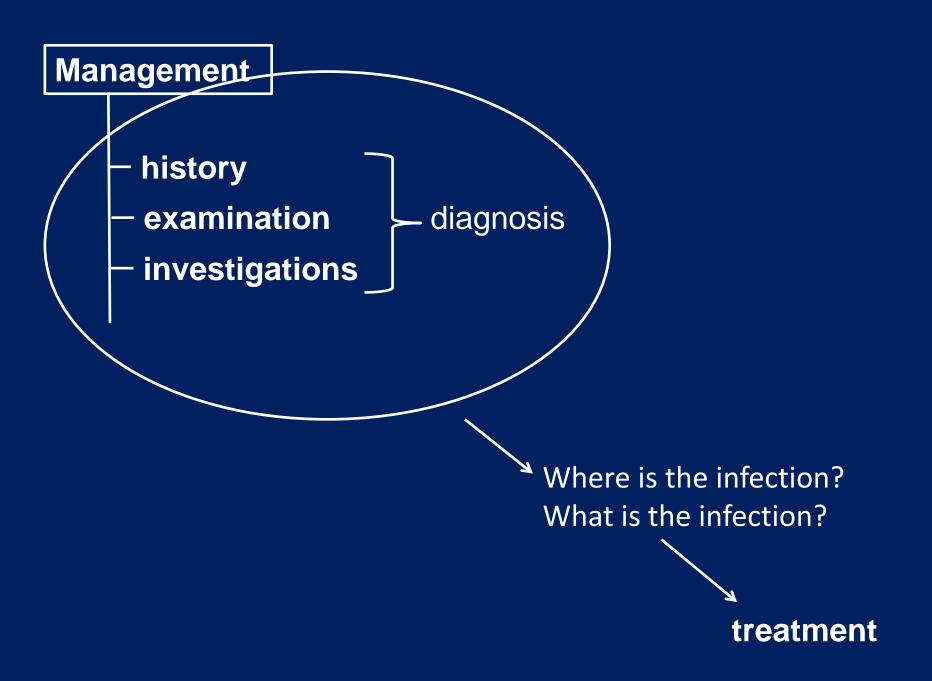
recent

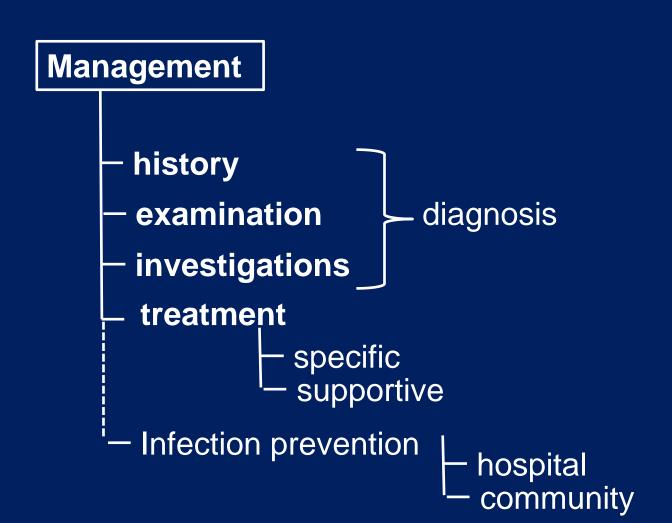
mechanism of infection

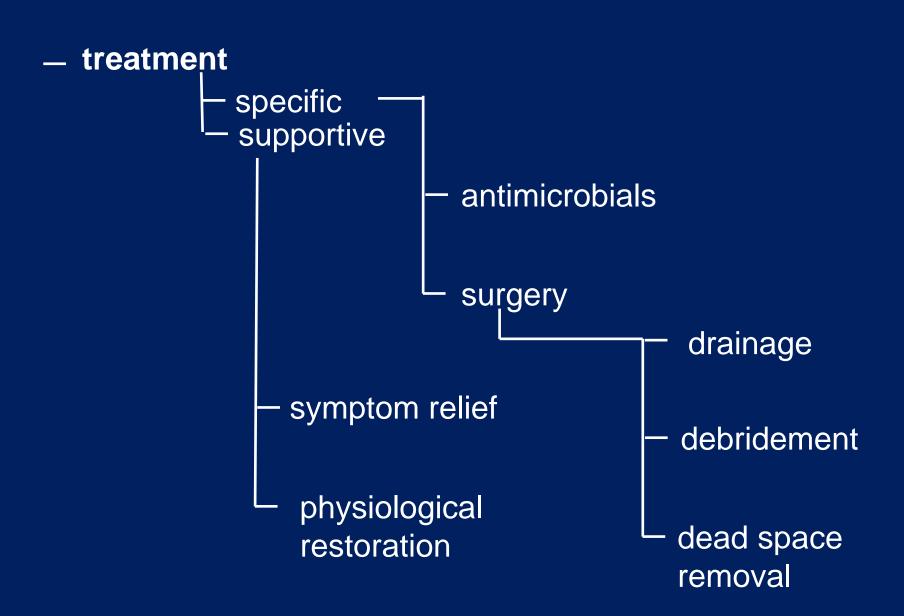
- contiguous (direct) spread
- inoculation
- haematogenous
- ingestion
- inhalation
- vector
 - vertical transmission

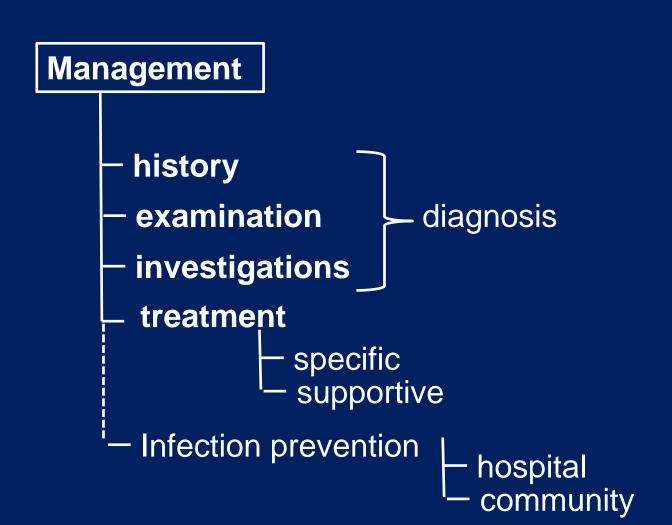








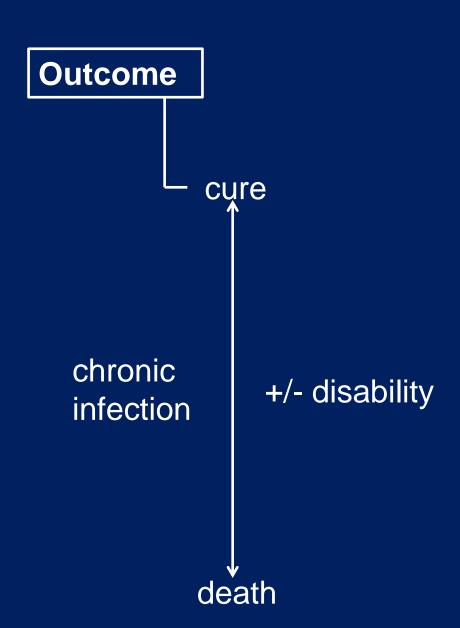


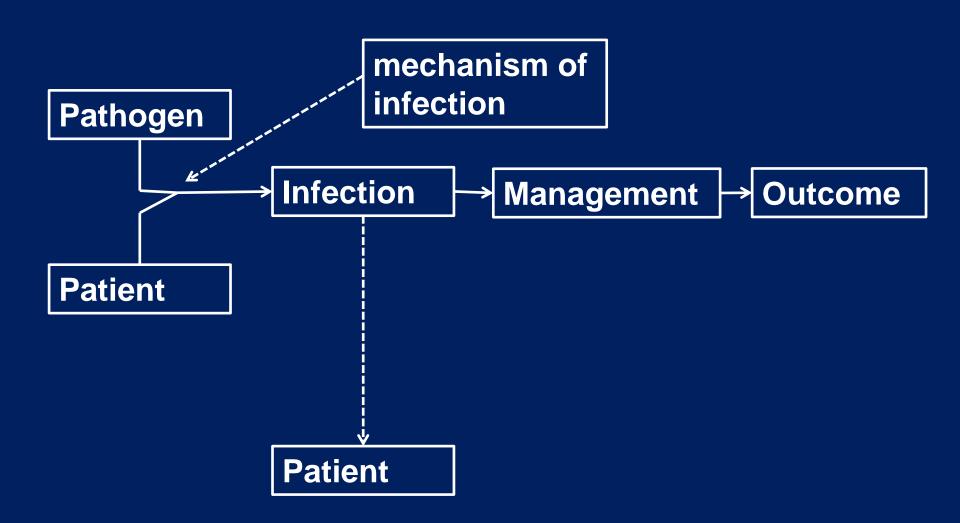


Infection prevention hospital community

prevent infection transmission to

- other patients
- staff
- other contacts





Summary

- This is a simplification of infection processes
- Future lectures will elaborate on this model using a range of infections as examples
- Think about infections that you have encountered and how they fit this model
- Exceptions are important!