Safety or 1/infectiveness Probability of event $P(A \cap B)$

Host susceptibility to CJD and duration of incubation period

Patient medical history, genetic, clinical status $P(A)$

- Diagnosed with CJD $A_1$
- No neurological signs
  - PRNP mutation carrier $A_2$
  - Family history of CJD $A_3$
  - At risk of CJD for public health reasons $A_4$
- Neurological signs
  - CJD suggested $A_5$
- Neurological signs
  - CJD not excluded $A_6$
- Indistinguishable from general population $A_7$

Surgical procedure $P(B)$

- Higher risk $B_1$
  - associated with CJD onset $B_2$
  - unrelated to CJD onset $B_3$
- Lowest- or no-risk $B_4$