Bayesian Networks For Improving Medical Pathways
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To treat or not to treat?

During their career, doctors take thousand high-risk decisions related to:
- Diagnosis
- Prognosis
- Treatment selection

WHAT are the advantages of Bayesian Networks?
- Model complex problems with a significant degree of uncertainty
- Combine data and experts’ judgement
- Have a meaningful graphical structure
- Model causal interventions
- Reason both diagnostically and prognostically

Bayesian networks aim to assist doctors to follow the optimal medical pathway and NOT to replace them.