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**Computer Science > Artificial Intelligence** 

# Bayesian Networks Aplied to Therapy Monitoring

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(Submitted on 20 Mar 2013)

We propose a general Bayesian network model for application in a wide class of problems of therapy monitoring. We discuss the use of stochastic simulation as a computational approach to inference on the proposed class of models. As an illustration we present an application to the monitoring of cytotoxic chemotherapy in breast cancer.

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