As part of the treatment a patient may be given additional fluids to counteract the loss of fluids due to the diuretic. Some patients will be given the additional fluids using an intravenous fluid therapy, and the fluids will be introduced at a relatively constant rate. Other patients will be asked to drink large amounts of water at regular time intervals. Adapt your model to be able to predict what will happen when the concentrations of the drugs can change due to different rates of water intake.