

drugs and alcohol and pharmacokinetics

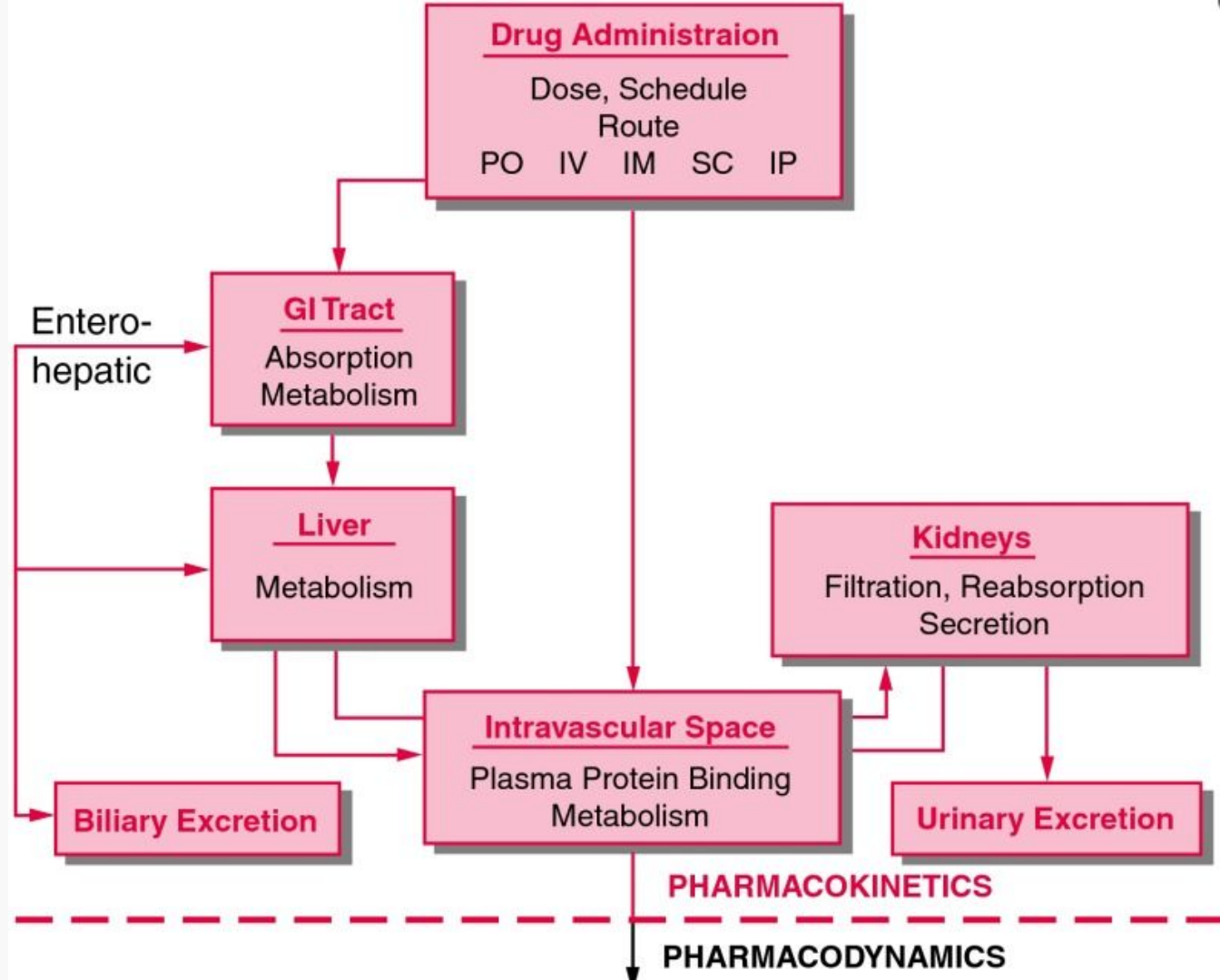
actually an excuse
for me to talk
about biology.

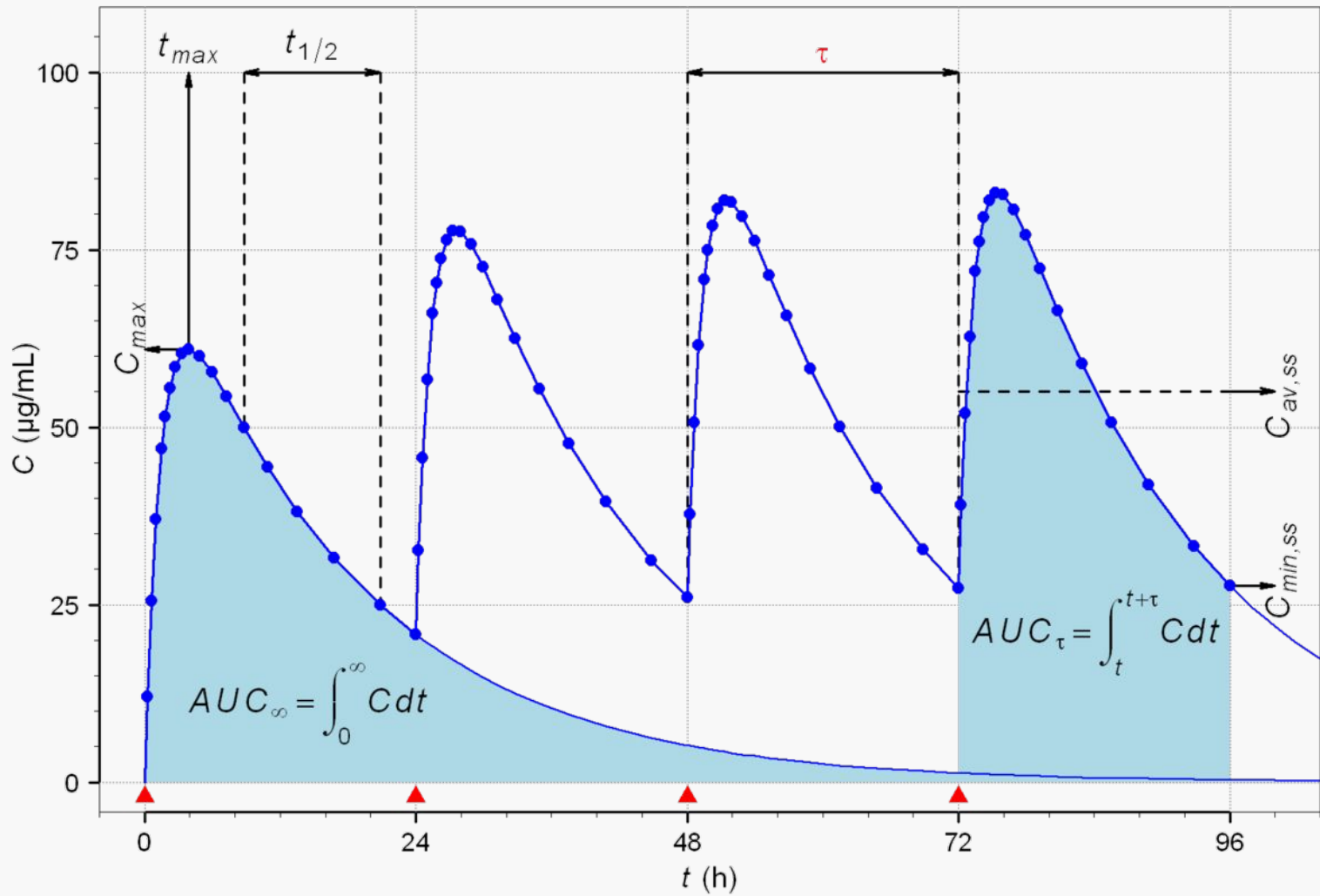
pharmacodynamics
pharmacokinetics

pharmacodynamics
pharmacokinetics

adme

absorption
distribution
metabolism
excretion





rate of change
depends only on
concentration

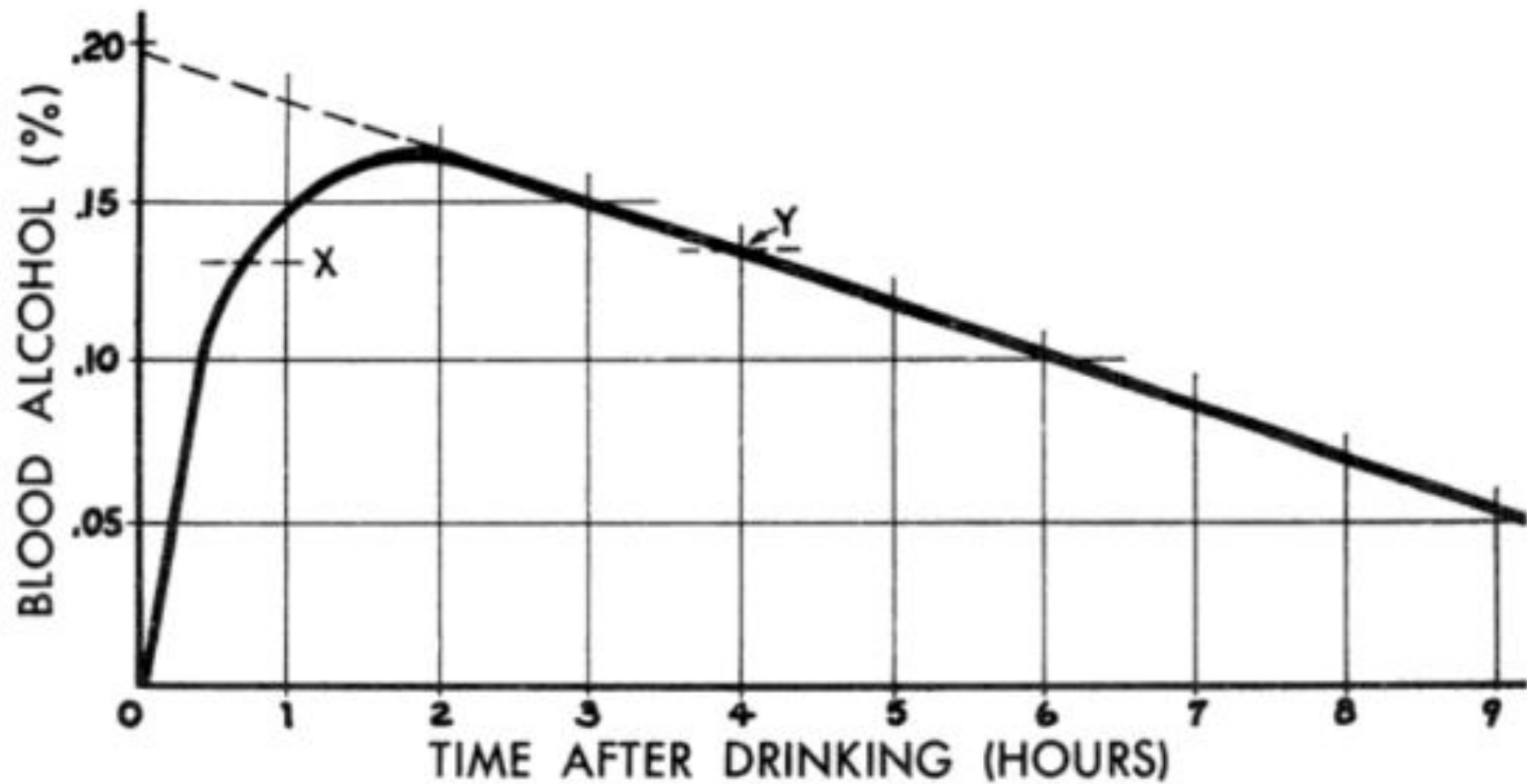


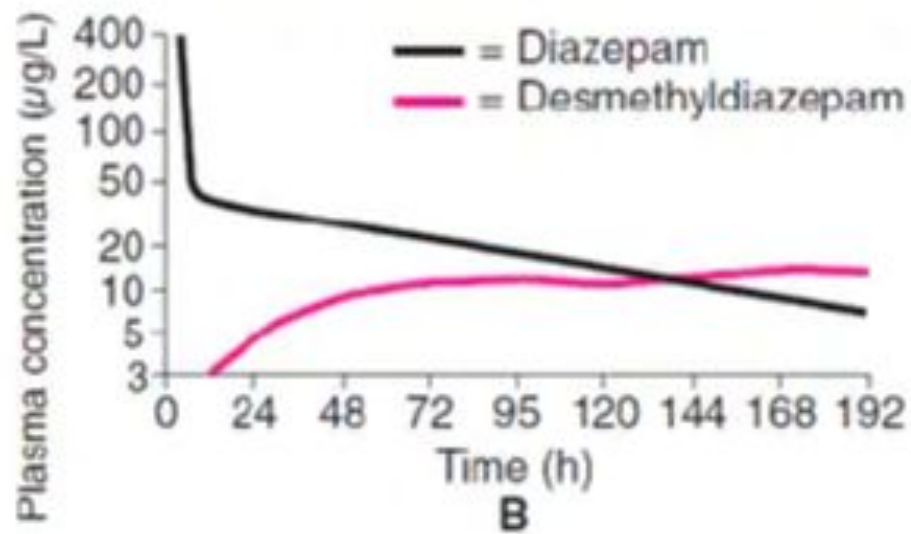
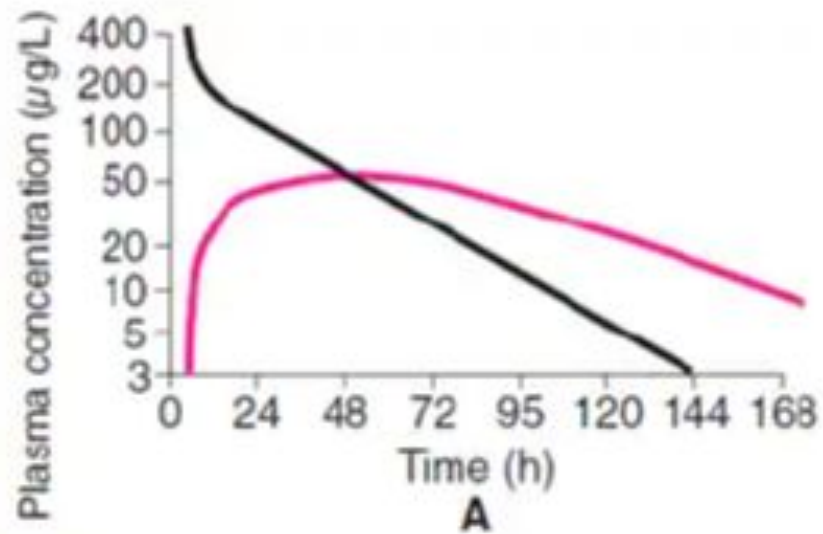
Figure 1. Schematic blood alcohol curve after ingestion of 8 ounces of whisky (65).

what is **tolerance**?

is it
pharmacodynamic?

same BAC \approx same effects

tolerance is (mostly)
pharmacokinetic



absorption
distribution
metabolism
excretion

absorption
~~distribution~~
metabolism
~~excretion~~

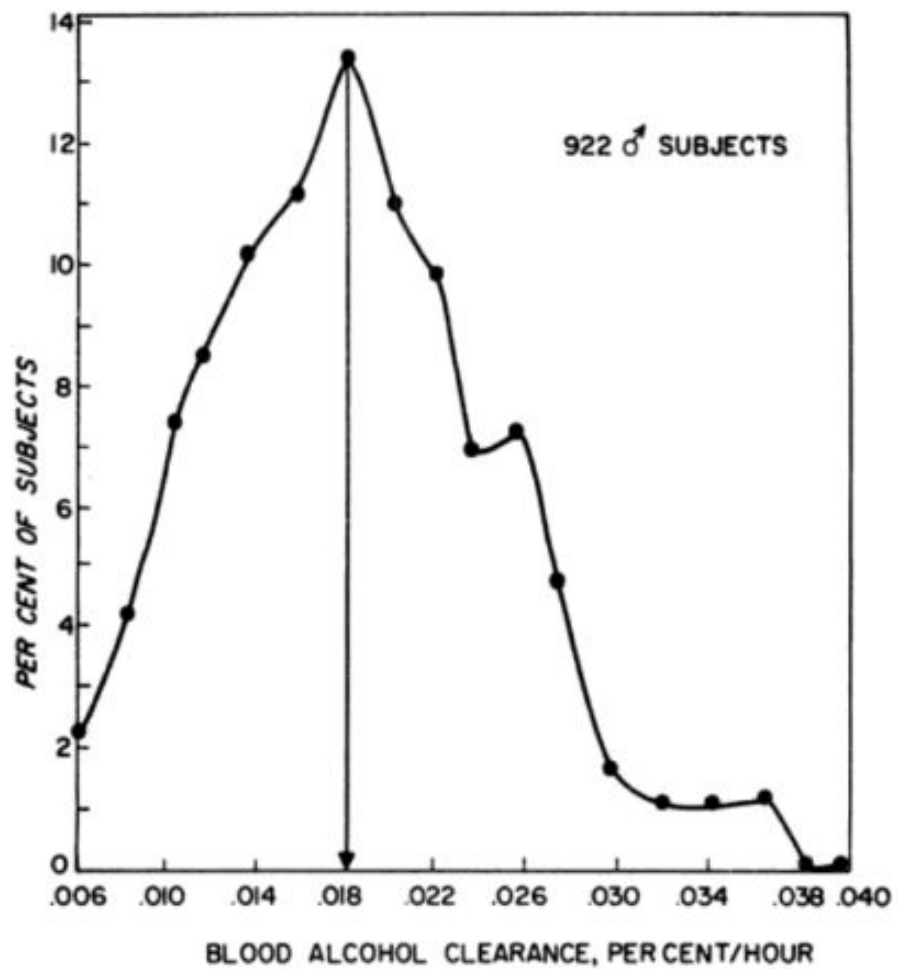


Figure 3. Blood alcohol clearance in men (1).