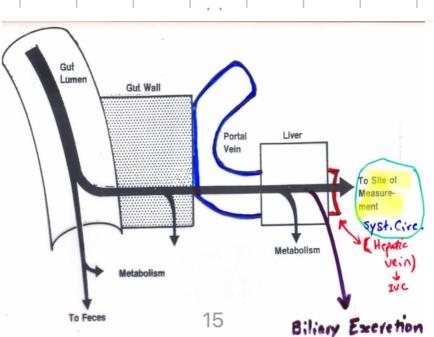
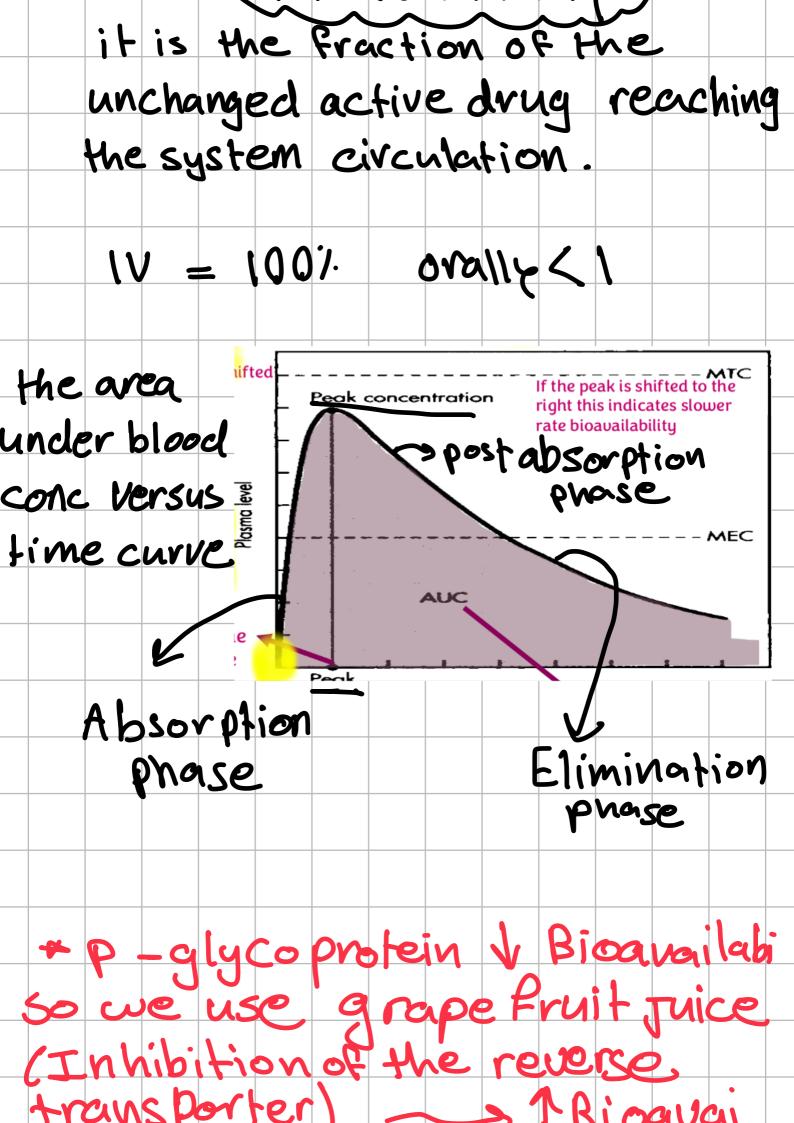


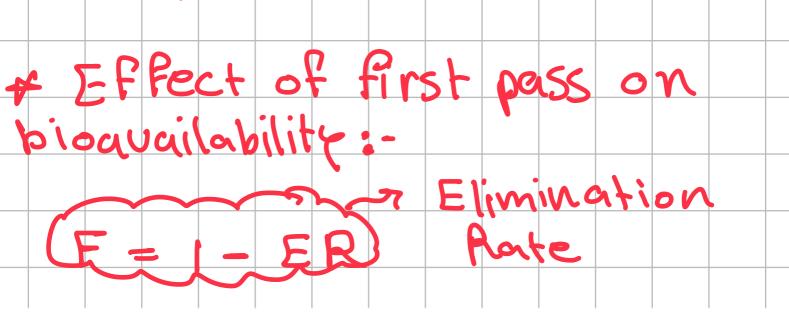
- Drugs absorbed from the GIT must pass through the gut wall and portal vein to the liver before reaching the systemic circulation.
- The drug may be metabolized in the gut wall, portal vein, and the liver prior to entry to the systemic circulation.
- Or, it may get excreted by the liver through bile.



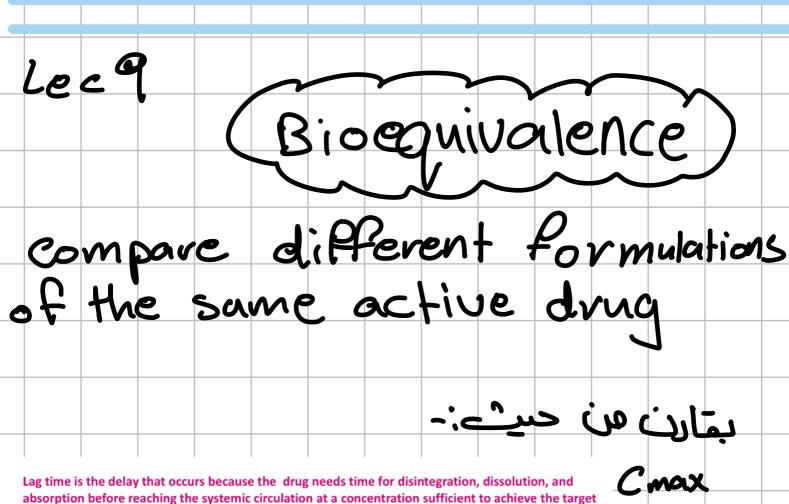


(Bloavailability





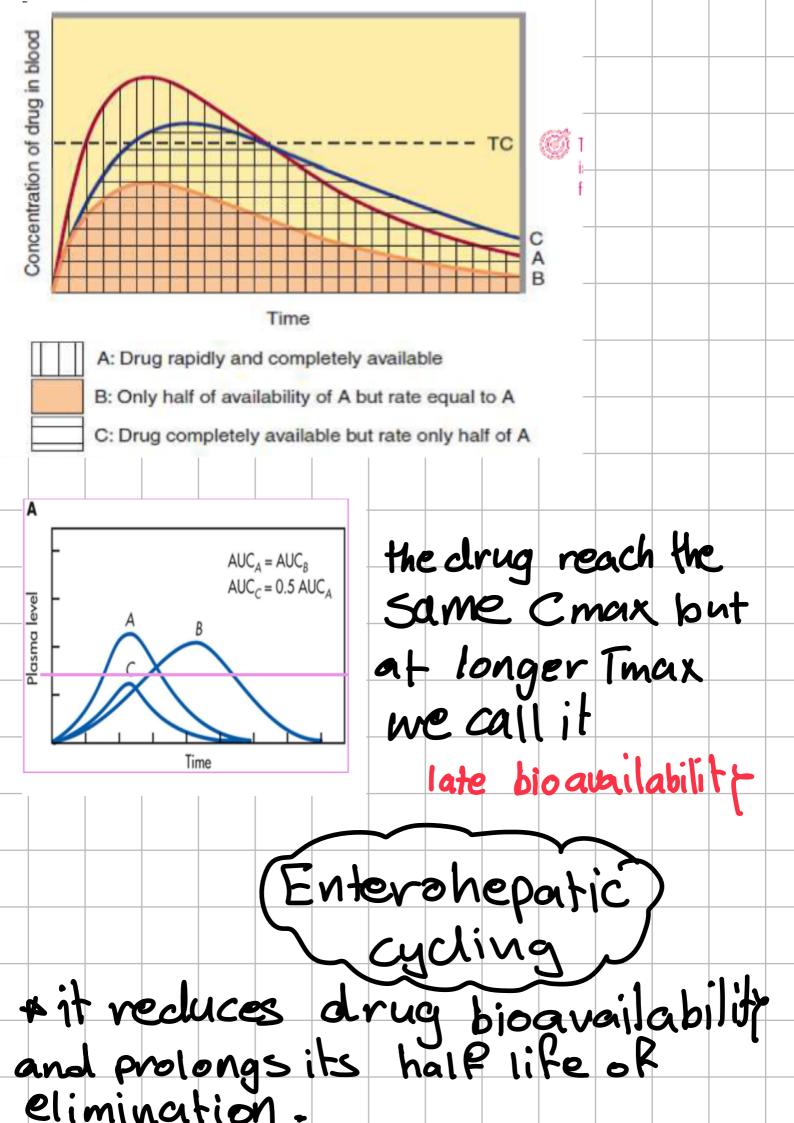
 Drugs with high extraction ratio exhibit interindividual differences in bioavailability and drug concentration, because of differences among individuals in hepatic blood flow and hepatic drug metabolism.

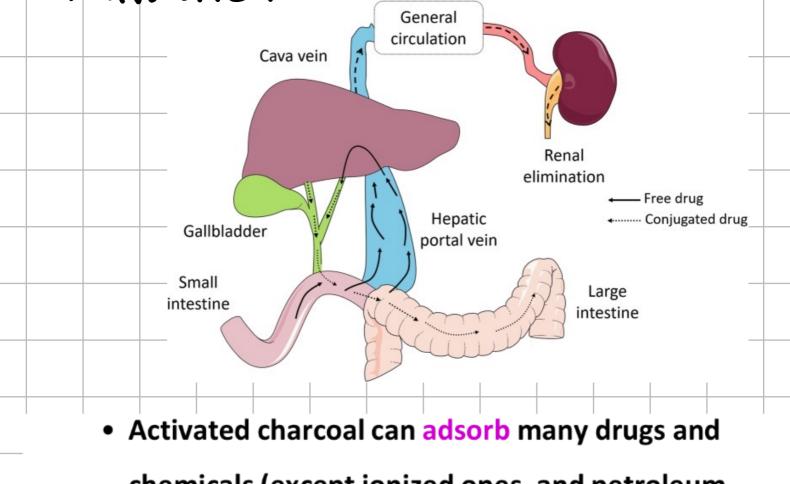


Tmax

AUC

concentration. This lag time can be short (10-15 minutes) or long (1-1.5 hours).





 Activated charcoal can adsorb many drugs and chemicals (except ionized ones, and petroleum distillates) into its surface.

