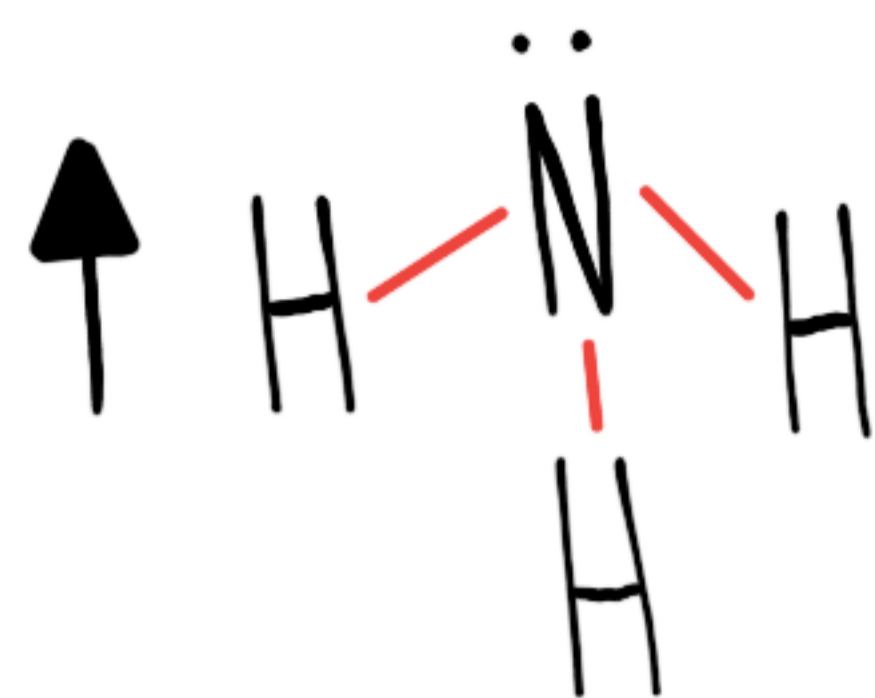


Key Q: Cirrhosis?



Urea Cycle Disorder

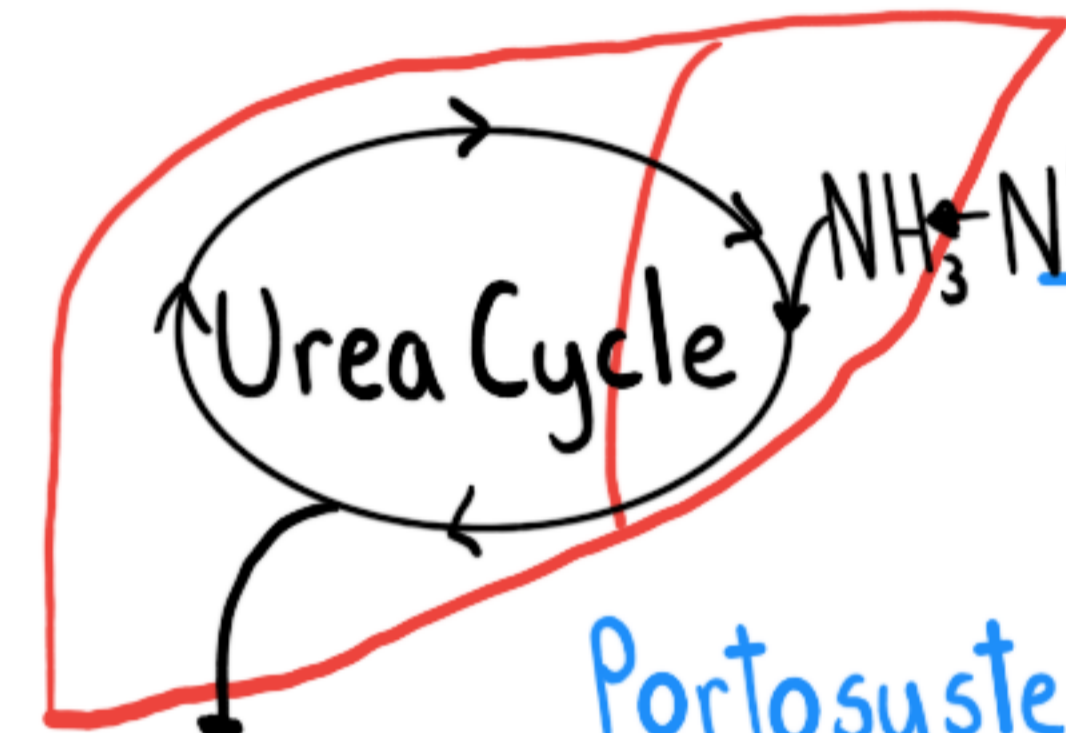
- Cirrhosis
- ALF
- Drugs
 - Valproate, 5-FU
 - Carbamazepine
 - Ribavirin
- Error in Metabolism
 - OTC Deficiency

Others

- Fatty Acids
- Organic Acidemias
- Pyruvate

Urease ⊕ Organism

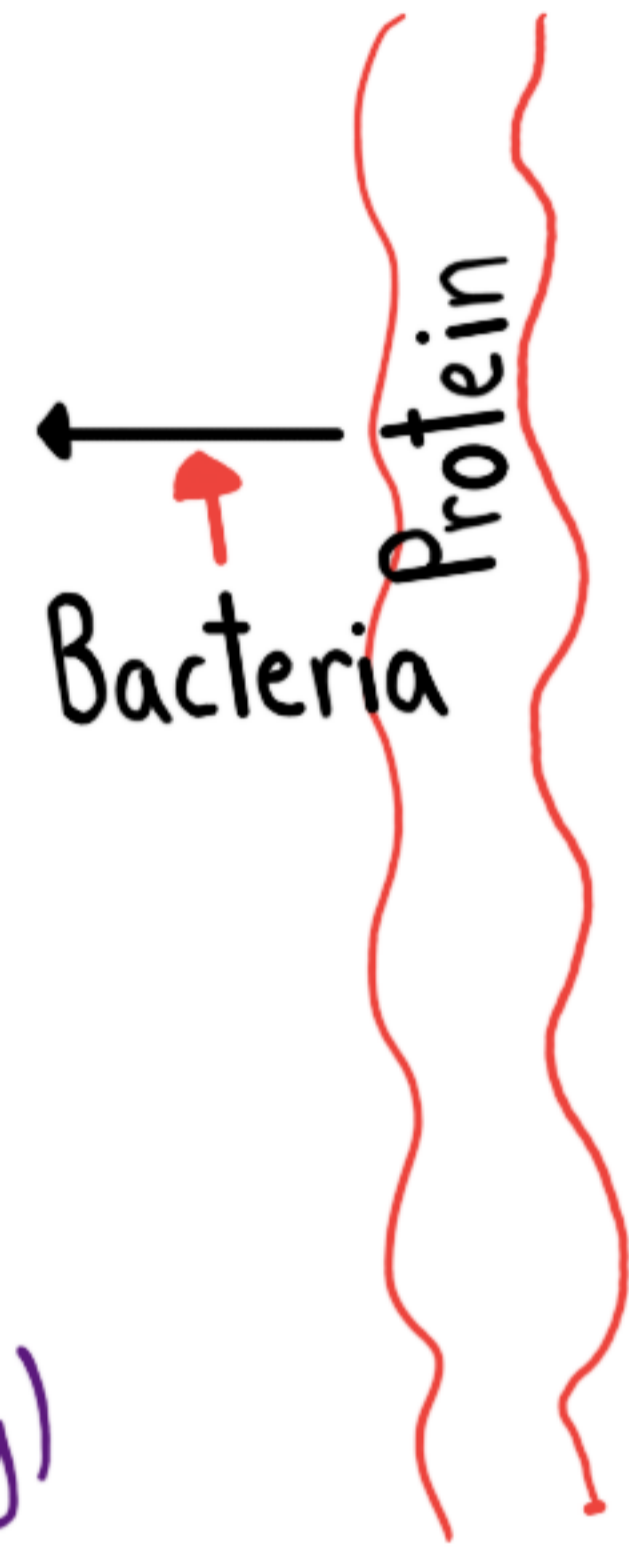
- Proteus Mirabilis
- Klebsiella Species
- E. Coli
- Morganella Morgani



Portosystemic Shunts

- Cirrhosis
- TIPS
- Congenital (Abernethy)

Intestines



↑ Protein Load

- TPN
 - GI Bleed
- ↑ Catabolism
- Starvation
 - Seizure
 - Exercise
 - Trauma



Ureterosigmoidostomy



Other

- Myeloma
- BM Transplant
- Organ Transplant