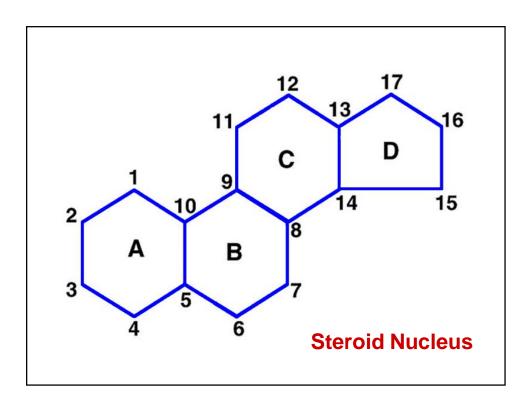
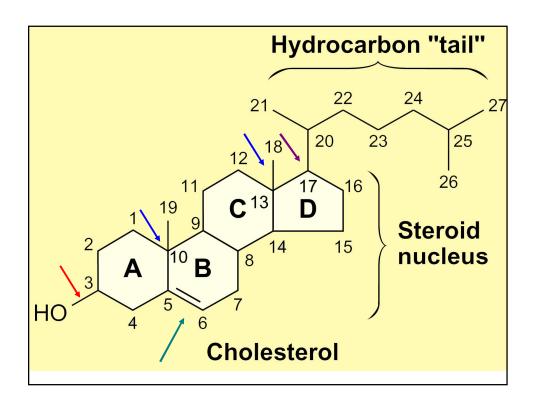
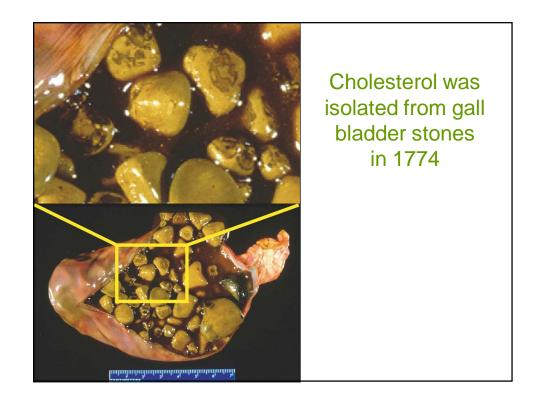
Cholesterol Metabolism

Lippincott's Illustrated Review Chapter 18







Sources and Elimination of Cholesterol

Synthesis: ≈ 1000 mg

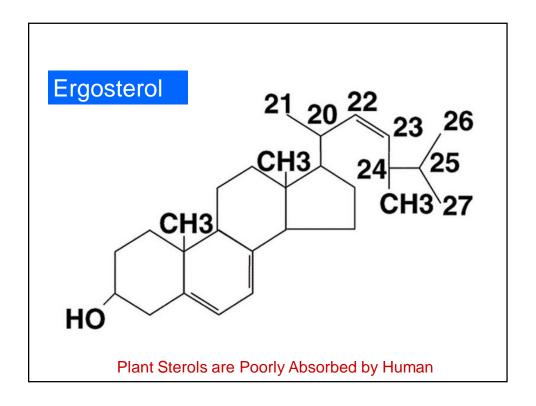
Liver, Small Intestine, Adrenal Cortex ...

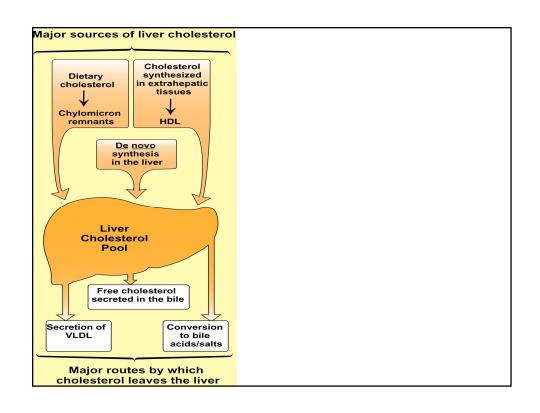
Dietary: ≈ 300 mg

(Low Cholesterol Diet)

Elimination: Via the Bile

Cholesterol, Bile Salts





Cholesterol Synthesis Requires

- Carbon Source: Acetyl CoA
- Energy: ATP
- Reducing Power: NADPH
- O₂

 H₃C

 CH₃

 CH₃

 CH₃

 H
 C

 CH₃

 CH

