Chapter 7
Sulphur containing AA

Example of sulphur containing AA

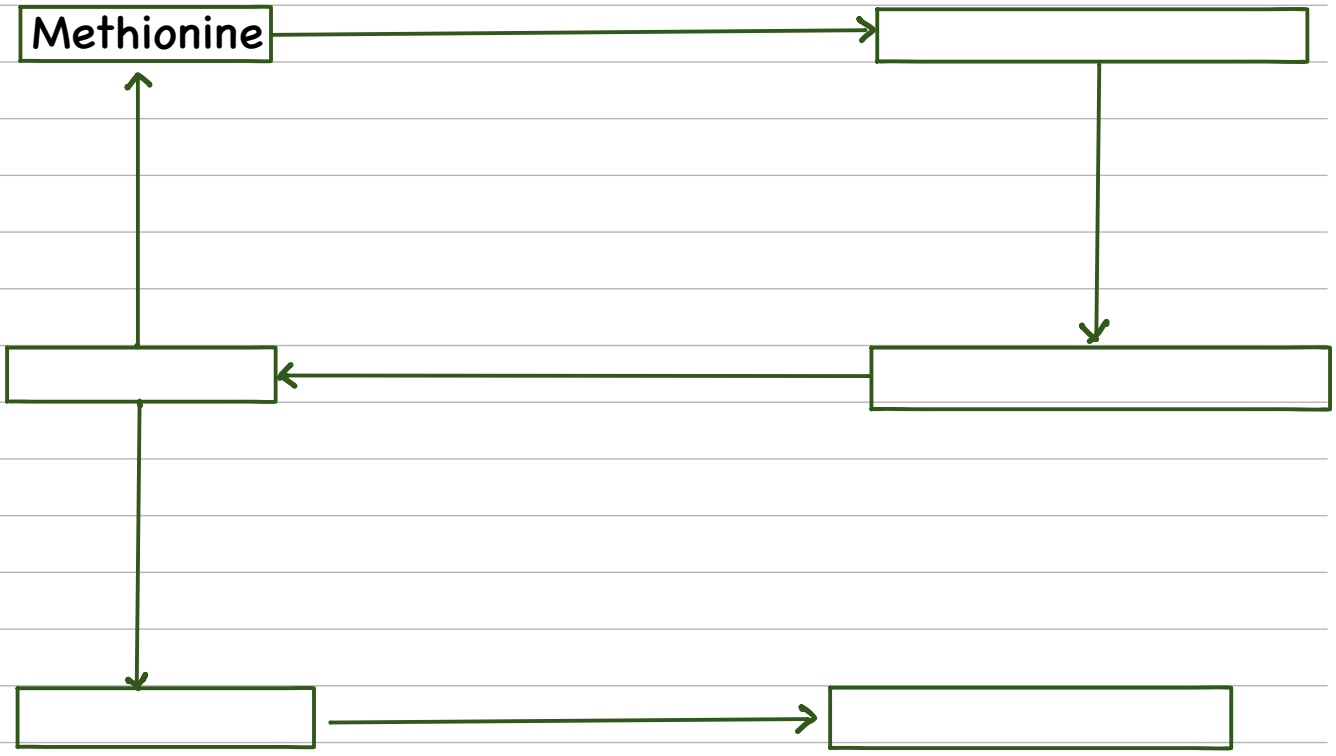
-
-

↳ Essential / non essential

↳ Essential / non essential

Quantity of methionine is very low in -

Methione metabolism



Clinical co-relation

If there is deficiency of eny. …… or vit …… or vit …… , will lead to accumulation of …… in blood which is called as …….

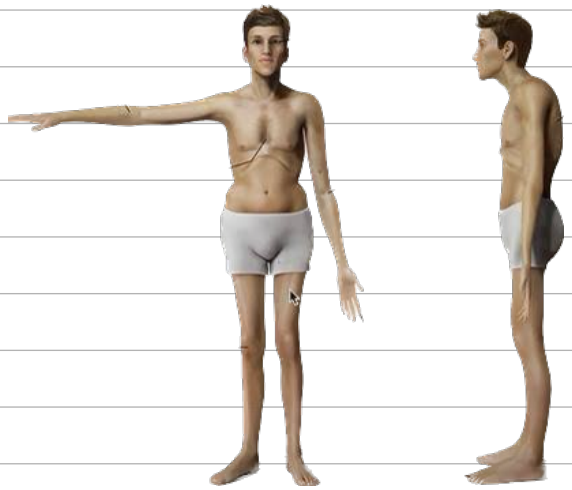
Hyperhomocysteinemia

Etiology - MCC- deficiency of
deficiency of
deficiency of

Clinico- pathogenesis -

↑Homocysteine → ...Coagulability of blood

→ [ ]



fingers -

Arm length / height ratio -

Lens of eye -

Sole -

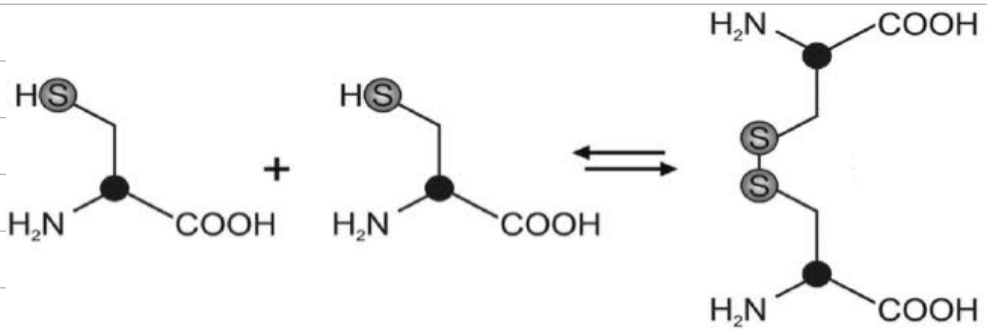
Sternum -

Back bone -

Inv. -

Rx -

Cysteine

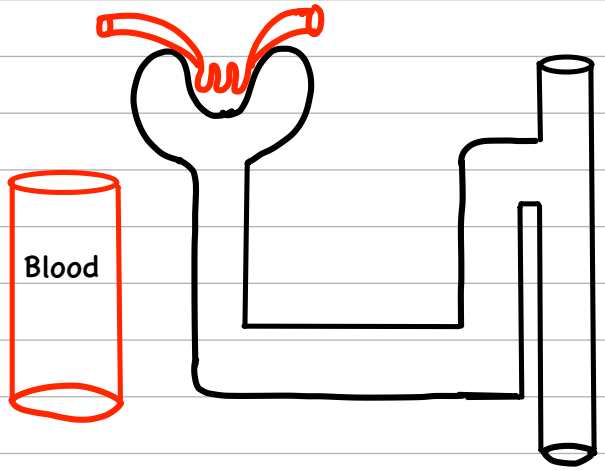


Cystine is found in

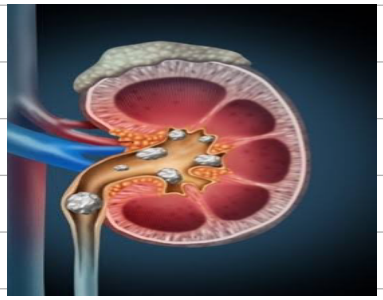
Clinical co-relation -

Cystinuria

If AA contain 2 basic groups called as ……



C/f



Summary

- ☆ Which AA quantity is low in pulses -
- ☆ Disulphide bond is seen in - cysteine / cystine
- ☆ AA lost in urine in a patient of cystinuria
- ☆ Mafanoid habitus + normal IQ + no hypercoagulability -
- ☆ Mafanoid habitus + low IQ + ↑ hypercoagulability -