Folate Deficiency:

Pathogenesis and Clinical Findings

Legend

- $B_{12} = Vitamin B_{12} cobalamin$
- PC = Parietal Cell secretion of IF
- IF = Intrisic Factor allow absorption of B_{12} in terminal ileum
- Ab = Antibody
- Hgb = Hemoglobin

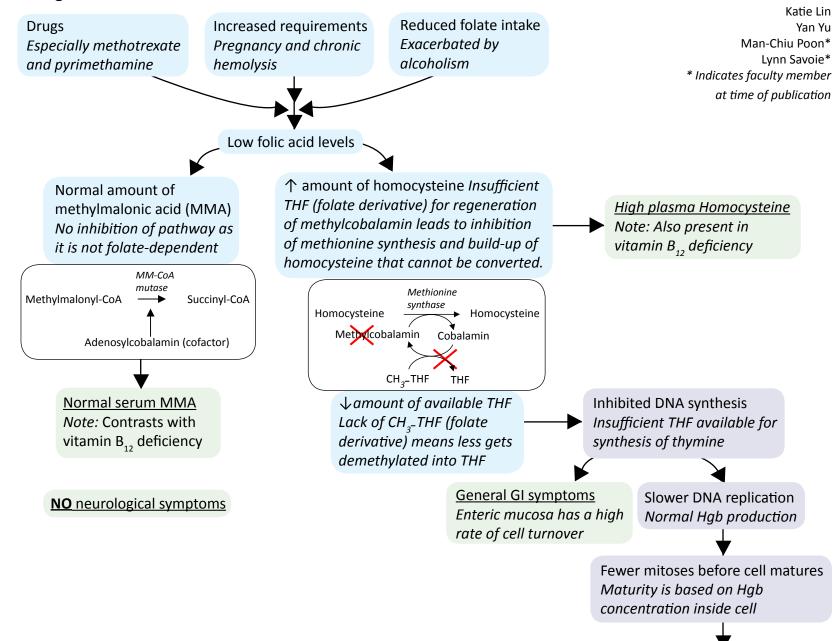
Dietary Sources of Folate

- Leafy green vegetables
- Legumes
- Egg Yolk

Summary of Clinical Findings (Underlined)

- High serum homocysteine
- Normal serum MMA
- Low serum folate (unreliable)
- General GI symptoms
- Macrocytic anemia

Legend:





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Fewer and Larger RBCs Macrocytic anemia