# Medical Surgical Study Guide.

#### Unit 1: Problems of Digestion, Nutrition and Elimination

- Large intestines absorb water
- Brown color of stool is due to bile
- Common blie duct problems result in poop having a pale color

#### Assessment of the GI system GI

#### changes associated with aging [3]

Weskening of all muscles

- Slowing of peristals's means more water is absorbed in large intestines which lead to harder stool (constipation is a problem with old age)
- Decreased ability to store glycogen (stored energy)
- Decreased ability to turn glycogen into usable energy
- Acid production in the stomach decreases
- Lining of the stomach is protected by acid, with acid decreased it puts the lining at risk for peptic ulcers.
- Medication absorption decreases
- Decreased production of intrinsic factor (needed to assist with absorption of b12)
- Not enough 81.2 leads to pernicious anemia, cardiac and pyloric sphincter become more sensitive and less functional, increased GERD, decreased insulin production, decreased response to hyperglycemia and hypoglycemia

#### Assessment

- Patient history.
- Nutrition history o Diet, appropriate weight, changes
- Family history
- Current health problem.
- Physical assessment o Palpate: RUQ -> LUQ -> LUQ -> RLQ o Palpate area of pain last
- Focused GI assessment o Travel history o Herbs taking o Does pt. smoke o Does pt. drink: alcohol o Pain: When did it start? What were you doing? What treatment have you done?
- If patient is laying on their back and you are getting ready to palpate and see a pulsating mass, DO NOT put it because it could be an aneurysm and it could rupture.
- Assessment Technique (order of abdominal assessment o Inspection (1") o Auscultation (2") o
  Percussion (3") o Palpation (4")

#### Diagnostic Assessment

- Laboratory assessment.
  - Ser
     um o
     Urine o
     Stool

# **Medical Surgical Study Guide**

**RM Cervero** 



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