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A patient comes in with pain in the LLQ of the abdomen. The patient has stomach pain with some rectal bleeding.

Diverticulosis or Diverticulitis?

Diverticulosis

A patient comes in with severe pain in the LLQ of the abdomen. The patient has stomach pain with no rectal bleeding. The patient also has fever, chills with nausea and vomiting. She is unable to eat.

Diverticulosis or Diverticulitis?

Diverticulitis

What is the First Line treatment routine for Diverticulosis? (2 options)

Rifaximin 400mg PO BID for 7 days every month

OR

Mesalamine 800mg PO BID continuous

What is the Outpatient Antibiotic Treatment for Diverticulitis?

Ciprofloxacin 750mg BID

OR

Levofloxacin 750mg QD

PLUS

Metronidazole 500mg TID

(7-10 days)

What is the Inpatient Antibiotic Treatment for Diverticulitis?

Piperacillin/Tazobactam 3,375g IV QID

Or

False

SPF 15 = 93% UVB Block

SPF 30 = 96.7% UVB Block

SPF 40 = 97.5 % UVB Block

What is the MOA of phosphodiesterase (PDE4) inhibitors?

Reduces inflammation by inhibiting phosphodiesterase -4 enzyme

How old does one need to be in order to use PDE 4 inhibitors?

At least 3 months

When is Crisaborole (Eucrisa) used for edema?

Mild to moderate eczema when steroids are not suitable

What is the MOA of Janus Kinase (JAK) inhibitors?

Suppress curling signaling, reducing itching and inflammation

What is the first line treatment for Psoriasis?

Topical Corticosteroids (Glucocorticoids)

How does Vitamin D derivatives like Calcipotriene and Calcitriol help with Psoriasis?

They regulate cell differentiation and proliferation and suppress lymphocyte activity

What is the name and doses of the First Line medication for Nail Fungus?

Terbinafine 250 mg daily

How long do you need to take Terbinafine for finger nail fungus?

6-12 weeks

How long do you need to take Terbinafine for Toenails?

3-6 months

(Inc/Dec) in body fat by 35%

(Inc/Dec) in plasma volume by 8%

(Inc/Dec) in total body water by 17%

(Inc/Dec) in extracellular body fluid by 40%

(Inc) in body fat by 35%

(Dec) in plasma volume by 8%

(Dec) in total body water by 17%

(Dec) in extracellular body fluid by 40%

What labs would you complete to Rule Out Alzheimer's Disease? (5)

1. CBC

2. Metabolic Panel

3. Vitamins B12 and Folate

4. RPR Test

5. TSH

Why would an RPR Test be completed to rule out Alzheimer's?

RPR Test is to help rule out Syphilis

Brain imaging like a CT or MRI should be done in someone who is suspected of having Alzheimer's, True or False.

True

these imaging studies are essential in order to rule out brain pathology, or identify structural abnormalities

Rapid progression or onset of Alzheimer's before age 80 is a red flag and the patient should be referred to Neurology, True or False?

False

Rapid progression or onset of Alzheimer's before age 60 is a red flag

What is the First-Line medication used for Alzheimer's disease?

Cholinesterase Inhibitors

What medication is Second Line for Adjunct Therapy for Alzheimer's disease?

Memantine

What's the initial dosing of Memantine?

Initial dose 5mg daily

What is the titration for Memantine?

Titrate 10mg daily, then 10mg twice daily over 4 weeks

What imaging is used to visualize the infarcts cause by Vascular Dementia?

CT or MRI of the brain

What's the etiology of Lewy Body Dementia?

Lewy bodies are abnormal clumps of a protein called Alpha synuclein that build up in the neurons. The proteins damage the neurons and interfere with the availability of acetylcholine.

How do cholinesterase inhibitors help the symptoms of Lewy Body Dementia?

Cholinesterase inhibitors help by increasing the availability of acetylcholine

Charles is a 75-year-old man. He has been diagnosed with Alzheimer's disease. He is currently presenting some new symptoms such as muscle stiffness and pill rolling tremor. What if the following medications would be best to cater to his symptoms?

- A. Donepezil
- B. Rivastigmine
- C. Galantamine
- D. Levodopa
- E. Memantine
- D. Levodopa

This medication is best used to cater to patients presenting with Parkinson-like symptoms of Lewy body Dementia