

Archive Wateen -IM
6th year
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1- what is the diagnosis?

Crushing syndrome

2-what best test to do ?

24hr urine cortisol

3-what electrolytes abnormalities?

Hypernatreima

Hypokalemia



2- case about athlete who come to ER syncope(this is his ECG) his father died suddenly at age 26

1- what is the diagnosis?

Hypertrophic cardiomyopathy (doctor answer)

2-What is next step to confirm diagnosis?

Echo

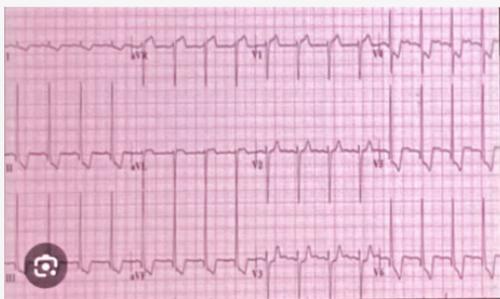
3- what is your management?

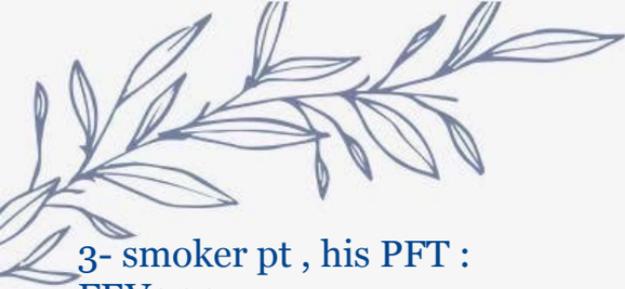
1- IV fluid

2- b blocker

3- phenylephrine

(I don't know if this is the correct answer)





3- smoker pt , his PFT :

FEV₁ 30

FVC 70. (Not the exact value)

TLC 156

1- what is the pattern?

Obstructive

2-the most likely diagnosis?

COPD

3-the best treatment?

Stop smoking

Long acting bronchodilator

4- patient presents with persistent vomiting

1- what ABGs show?

Metabolic Alkalosis with hypoxia

2-what is the cause of his ABGs?

Vomiting → loss of gastric HCl
→ metabolic alkalosis

ABG findings

- pH: 7.48 (alkalemia)
- HCO₃⁻: 36 mmol/L ↑
- PaCO₂: 48 mmHg
(compensatory hypoventilation)
- PaO₂: 58 mmHg ↓ (hypoxia)

Not the exact value





5-Pt present with gum bleeding while brushing her teeth approximately one week prior.

1-what's your diagnosis?

AML

2- test to do ?

Peripheral blood smear

Bone marrow biopsy

CBC Result	Normal Range
WBC: 55 K/mm ³	4.0-11.0 K/mm ³
RBC: 3.29 M/mm ³	3.70 - 5.10 M/mm ³
Hgb: 11 g/dL	12.0 - 15.0 g/dL
HCT: 31.8%	34.0 - 44.0%
MCV: 96.7 fl	80.0 - 98.0 fl
MCH: 33.4 pg	27.0 - 33.0 pg
MCHC: 34.6 g/dL	33.0 - 35.0 g/dL
RDW: 13.7%	11.3 - 15.1 %
Platelets: 33 K/mm ³	150 - 450 K/mm ³

6- 1-what is the sign you see ?
heliotrope rash

2- what's your diagnosis?

Dermatomyositis

3- test to diagnose?

Muscle biopsy

EMG

CK



7-pt with jaundice elevated liver enzymes with amenorrhea viral panel negative

1- what's the diagnosis?

Autoimmune hepatitis

2- best test to confirm?

ASMA or liver biopsy!

3- treatment?

Steroids plus azathioprine



8- pt come with recurrent joint pain and rash on her face this is here urine analysis

1-what's your diagnosis?

Lupus nephritis

2-how to confirm?

Anti ds dna

Anti smith

URINALYSIS & URINE MICROSCOPY		
	Result	Reference Range
Appearance	Clear	
Color	Red	Yellow/Straw
Specific Gravity	1.012	1.020 - 1.025
pH	5.5	5.0 - 8.0
Blood	+++	Negative
Protein	++	Negative
Glucose	Negative	Negative
Leucocyte esterase	Trace	Negative
Nitrite	Negative	Negative
Bilirubin	Negative	Negative
Ictobilinogen	Negative	Negative
Red blood cells	Numerous	0-5/hpf
White blood cells	10	0-5/hpf
Urine Protein:Creatinine Ratio	987mg/g	< 150 mg/g
hpf: high power field (typically using 40x microscope objective)		
URINE ELECTROLYTES		
	Result	Reference Range
Sodium	74 meq/L	N/A
Potassium	42 meq/L	N/A
Chloride	71 meq/L	N/A
Creatinine	0.12 mg/dL	N/A

9-pt with blood vomiting 3hrs ago

1- your diagnosis?

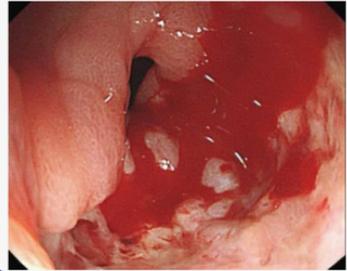
Esophageal varices

2- your management?

1- ABC

2- IV vasopressin

3- endoscopic epinephrine and ligation



10-pt with chest pain and SOB

1-what do you see in CXR?

Deviation of trachea to the left

Hyperlucency

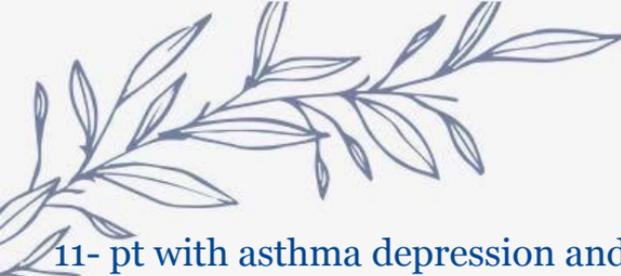
2-your management?

Chest tube

3-your diagnosis?

Tension pneumothorax





11- pt with asthma depression and schizophrenia come with fever and chest pain

- 1- what's your diagnosis?
Pneumonia caused by anaerobic bacteria
- 2-other differentials ?
TB or Mets
- 3- your treatment?
Clindamycine



12- 1- what's your diagnosis?

- Infective endocarditis
- 2-How to confirm?
Blood culture and echo
- 3- what's the complication ?
 - 1-emboli
 - 2-splenoomealy
 - 3-retinal hemorrhage

