

**MOCK Test – 1 MCQs from Dr. Khalid Saifullah's 1700+ MCQs**

1. A 65yo man presents with painless hematuria, IVU is normal, prostate is mildly enlarged with mild frequency. What is the most appropriate next step?

- a. US Abdomen
- b. Flexible cystoscopy
- c. MRI
- d. Nuclear imaging
- e. PSA

11. An 80yo man presented with pain in his lower back and hip. He also complains of waking up in the night to go to the washroom and has urgency as well as dribbling. What is the most likely dx?

- a. BPH
- b. Prostatitis
- c. UTI
- d. Prostate carcinoma
- e. Bladder carcinoma

21. A pt with an acute gout attack came to the ED. What drug should be given to relieve symptoms?

- a. NSAIDs
- b. Allopurinol
- c. Ibuprofen

31. A 45yo man keeps having intrusive thoughts about having dirt under the bed. He can't keep himself from thinking about these thoughts. If he tries to resist, he starts having palpitations. What is the most likely dx?

- a. OC personality
- b. OCD
- c. Schizophrenia

- d. Panic disorder
- e. Phobia

41. A 24yo biker has been rescued after being trapped under rocks for almost 12h. He complains of reddish brown urine. His creatinine is 350umol/L and his urea is 15mmol/L. What is the most imp step in the management of this patient?

- a. Dialysis
- b. IV NS
- c. IV dextrose
- d. IV KCl
- e. Pain relief

51. A 5yo girl had earache and some yellowish foul smelling discharge, perforation at the attic and conductive hearing loss. She has no past hx of any ear infections. What is the most appropriate dx?

- a. Acute OM
- b. OM with effusion
- c. Acquired cholesteatoma
- d. Congenital cholesteatoma
- e. Otitis externa

61. A pt with hepatocellular ca has raised levels of ferritin. What is the most probable cause?

- a. Hemochromatosis
- b. A1 antitrypsin def
- c. Cystic fibrosis

71. A 75yo alcoholic presents with a mass up to umbilicus, urinary dribbling, incontinence, and clothes smelling of ammonia. What is the next step in management?

- a. Urethral catheter
- b. Suprapubic catheter
- c. Antibiotics
- d. Condom catheter
- e. Nephrostomy

81. A 10yo girl presents with hoarseness of the voice. She is a known case of bronchial asthma and has been on oral steroids for a while. What is the most likely cause of hoarseness?

- a. Laryngeal candidiasis
- b. Infective tonsillitis
- c. Laryngeal edema
- d. Allergic drug reaction
- e. Ludwigs angina

91. A 35yo man who has served in the army presents with lack of interest in enjoyable activities and feeling low. He doesn't feel like reading the news or watching movies as he believes there is violence everywhere. What is the most appropriate first line therapy?

- a. Citalopram
- b. Lofepramine
- c. CBT
- d. Chlordiazepoxide
- e. Desensitization

101. A 2yo boy fell off his tricycle and hurt his arm. He got up to start crying, but before there was any sound, he went pale, unconscious and rigid. He recovered after 1-2 mins but remained pale. After an hour he was back to normal. His mother says she was afraid he was going to die, and that he had a similar episode 3 months prior after falling down some steps. What single inv is indicated?

- a. CT head
- b. EEG
- c. CBC
- d. None
- e. Skeletal survey

111. A 15yo male has bilateral ankle edema. His BP=110/70mmHg and urinalysis shows protein++++.

What is the most likely dx?

- a. HUS
- b. IgA nephropathy
- c. Membranous GN
- d. Minimal change GN
- e. Nephrotic syndrome

121. An 8yo child who is tall for his age and has a refractory error for which he wears glasses has presented with severe crushing chest pain. What is the most likely dx?

- a. Fragile X syndrome
- b. Prader-willi syndrome
- c. DiGeorge syndrome
- d. Marfans syndrome

131. A 20yo student attends the OPD with complaint of breathlessness on and off, cough and sputum. His sleep is disturbed and skin is very dry in flexural areas of the body. Exam: tachypnea, hyperresonant percussion and wheezing on auscultation. What is the most likely dx?

- a. Extrinsic allergic alveolitis
- b. Asthma
- c. Wegener's granulomatosis
- d. COPD
- e. Cystic fibrosis

141. A 60yo lady who had stroke 3 years ago now reports having increased dyspnea on exertion and atrial fibrillation. CXR: straight left border on the cardiac silhouette. What is the most probable dx?

- a. Aortic regurgitation
- b. Ischemic mitral regurgitation
- c. Mitral valve prolapse

- d. Pulmonary stenosis
- e. Rheumatic mitral valve stenosis

151. A 6yo boy is brought to the hospital for a 3rd episode of sore throat in 1 month. He is found bleeding from gums and nose and has pale conjunctiva. What's the single cell type?

- a. Clumped platelets
- b. Microcytes
- c. Granulocyte without blast cells
- d. Blast cells
- e. Mature lymphocytes

161. A 78yo male, DM and HTN, had a fall and since then is unable to walk. He presents with deformity and tenderness over the right hip area. XR=fx of femur neck. What is the single most associated nerve injury?

- a. Sciatic nerve
- b. Gluteal nerve
- c. Lateral peroneal nerve
- d. Tibial nerve
- e. Femoral nerve

171. A 50yo chronic smoker came to OPD with complaint of chronic productive cough, SOB and wheeze. Labs: CBC=increase in PCV. CXR >6ribs seen above the diaphragm in midclavicular line.

ABG=pO<sub>2</sub> decreased. What is the most likely dx?

- a. Interstitial lung disease
- b. Wegener's granulomatosis
- c. Ca bronchi
- d. COPD
- e. Amyloidosis

191. A 37yo female had a fall with outstretched hand, presented with dinner fork deformity and tenderness over the right arm. What is the single most associated nerve injury?

- a. Axillary nerve
- b. Radial nerve
- c. Musculocutaneous nerve
- d. Median nerve
- e. Ulnar nerve

201. A 29yo teacher is involved in a tragic RTA. After that incident, he has been suffering from nightmares and avoided driving on the motorway. He has been dx with PTSD. What is the most appropriate management?

- a. CBT
- b. Diazepam
- c. Citalopram
- d. Dosalepin
- e. Olanzepin

211. A 72 yo man fell while shopping and hurt his knee. His vitals are fine. He speaks in a low voice and is very slow to give answers. What is the most probable dx?

- a. Alzheimers
- b. Vascular demetia
- c. TIA
- d. Pseudo-dementia
- e. Picks dementia

221. A 47 yo ex-soldier suffers from low mood and anxiety. He can't forget the images he faces before and has always had flashbacks. He is not able to watch the news because there are usually some reports about war. What is he suffering from?

- a. Depression
- b. PTSD

- c. Panic attack
- d. Agoraphobia
- e. GAD

231. After eating a cookie at a garden party, a child began to cough and went blue. The mother also noticed that there were swollen patches on the skin. What is the initial management?

- a. OTC antihistamine
- b. Oxygen
- c. Bronchodilators
- d. Epinephrine IM
- e. Nebulized epinephrine

241. A 22yo woman was brought by her boyfriend with multiple superficial lacerations. There are scars of old cuts on her forearms. She is distressed because he wants to end the relationship. She denies suicide. What is the most likely dx?

- a. Acute psychosis
- b. Borderline personality disorder
- c. Severe depression
- d. Schizoid personality
- e. Psychotic depression

251. A 7yo is brought by his mother who says that he was well at birth but has been suffering from repeated chest and GI infections since then. She also says that he is not growing well for this age. What is the likely condition of this child?

- a. CF
- b. SCID
- c. Primary Tcell immunodeficiency
- d. Primary Bcell immunodeficiency
- e. Malabsorption

261. A baby born at 34 weeks with a heart murmur is kept in the incubator for almost 4 weeks. There is no murmur at discharge. What is the likely cause of this murmur?

- a. PDA
- b. TOF
- c. Aneurysm of sinus of Valsalva
- d. Aorto-pulmonary septal defect
- e. AVM

271. A 44yo woman complains of heavy bleeding per vagina. Transvaginal US was done and normal. Which of the following would be the most appropriate inv for her?

- a. Hysterectomy
- b. Endometrial biopsy
- c. CBC
- d. High vaginal swab
- e. Coagulation profile

281. An old man comes to the doctor complaining that a part of this body is rotten and he wants it removed. What is the most likely dx?

- a. Guilt
- b. Hypochondriasis
- c. Munchausen's
- d. Nihilism
- e. Capgras syndrome

291. A 6yo girl started wetting herself up to 6x/day. What is the most appropriate tx?

- a. Sleep alarms
- b. Desmopressin
- c. Reassure
- d. Behavior training
- e. Imipramine

301. A 27yo presents with abdominal pain, bleeding, vomiting and diarrhea. Her LMP was 7wks ago.

Exam: abdominal tenderness, BP=90/60mmHg. What is the next appropriate management?

- a. Immediate laparotomy
- b. Laparoscopy
- c. Salpingotomy
- d. Salpingectomy
- e. MTX

311. A 15yo boy presents with testicular pain for 2days. There is no hx of trauma. Exam: temp=38.5C, right hemi-scrotum tenderness. What is the single most appropriate management?

- a. Give antibiotics
- b. Give analgesia
- c. Reassure
- d. US scrotum
- e. Exploratory surgery

321. A 67yo female who had undergone a radical mastectomy now comes with the complaint of swelling and redness in her right upper limb. Involvement of which of the following structures explain these symptoms?

- a. Epitrochlear LN
- b. Cephalic vein
- c. Subclavian artery
- d. Axillary group of LN
- e. Long thoracic nerve

331. An old lady 72yo staying at a nursing home for a few years, a known HTN on reg tx presented with sudden dysphagia while eating with drooling of saliva and req urgent inv. What would be your next step?

- a. Ba swallow
- b. Chest CT

- c. Endoscopy
- d. Laryngoscopy
- e. CXR
- f. Endoscopy with biopsy

341. A 54yo woman has presented with episodes of abdominal ache, vomiting and postural hypotension. She also has a dark pigmentation of her skin. A dx of Addison's disease was made.

What is the most likely electrolyte abnormality expected in this pt?

- a. High Na+, Low K+
- b. Low Na+, High K+
- c. Low Na+, Low K+
- d. High Na+, High K+
- e. Low Na+, Normal K+

351. A 35yo lady presents with painful ulcers on her vulva, what is the appropriate inv which will lead to the dx?

- a. Anti-HSV antibodies
- b. Dark ground microscopy of the ulcer
- c. Treponema palladium antibody test
- d. Rapid plasma regain test
- e. VDRL

361. A 55yo man has been admitted for elective herniorraphy. Which among the following can be the reason to delay his surgery?

- a. Controlled asthma
- b. Controlled atrial fib
- c. DVT 2yrs ago
- d. Diastolic BP 90mmHg
- e. MI 2 months ago

371. A young man who was held by the police was punched while in custody. He is now cyanosed and unresponsive. What is the 1st thing you would do?

- a. IV fluids
- b. Clear airway
- c. Turn pt and put in recovery position
- d. Give 100% oxygen
- e. Intubate and ventilate

381. ECG of an 80yo pt of ICH shows saw-tooth like waves, QRS complex of 80ms duration, ventricular rate=150/min and regular R-R interval. What is the most probable dx?

- a. Atrial fib
- b. Atrial flutter
- c. SVT
- d. Mobitz type1 second degree heart block
- e. Sinus tachycardia

391. A 54yo man after a CVA presents with ataxia, intention tremors and slurred speech. Which part of the brain has been affected by the stroke?

- a. Inner ear
- b. Brain stem
- c. Diencephalon
- d. Cerebrum
- e. Cerebellum

401. A 12yo boy presents with painful swollen knee after a sudden fall. Which bursa is most likely to be affected?

- a. Semimembranous bursa
- b. Prepatellar bursa
- c. Pretibial bursa
- d. Suprapatellar bursa

411. A 19yo boy is brought by his mother with complaint of lack of interest and no social interactions. He has no friends, he doesn't talk much, his only interest is in collecting cars/vehicles having around 2000 toy cars. What is the most appropriate dx?

- a. Borderline personality disorder
- b. Depression
- c. Schizoaffective disorder
- d. Autistic spectrum disorder

421. A 54yo man with alcohol dependence has tremor and sweating 3days into a hosp admission for a fx femur. He is apprehensive and fearful. What is the single most appropriate tx?

- a. Acamprostate
- b. Chlordiazepoxide
- c. Lorazepam
- d. Lofexidine
- e. Procyclidine

431. A 3yo child brought to the ED with a swelling over the left arm. XR shows multiple callus formation in the ribs. Exam: bruises on child's back. What is the most appropriate next step?

- a. Check child protection register
- b. Coagulation profile
- c. Skeletal survey
- d. Serum calcium
- e. DEXA scan

441. A 16yo teenager was brought to the ED after being stabbed on the upper right side of his back. Erect CXR revealed homogenous opacity on the lower right lung, trachea was centrally placed. What is the most probable explanation for the XR findings?

- a. Pneumothorax
- b. Hemothorax
- c. Pneumonia

- d. Tension pneumothorax
- e. Empyema

451. A 65yo woman says she died 3m ago and is very distressed that nobody has buried her. When she is outdoors, she hears people say that she is evil and needs to be punished. What is the most likely explanation for her symptoms?

- a. Schizophrenia
- b. Mania
- c. Psychotic depression
- d. Hysteria
- e. Toxic confusional state

461. A 55yo woman was found collapsed at home, paramedics revived her but in the ambulance she had a cardiac arrest and couldn't be saved. The paramedic's report tells that the woman was immobile lately due to hip pain and that they found ulcers on the medial side of ankle. She had DM and was on anti-diabetics. What is the cause of her death?

- a. Acute MI
- b. DKA
- c. Pulmonary embolism
- d. Acute pericarditis
- e. Cardiac tamponade

471. A 45yo IV drug abuser is brought into the ED with complaint of fever, shivering, malaise, SOB and productive cough. Exam: temp=39C, pulse=110bpm, BP=100/70mmHg. Inv: CXR=bilateral cavitating bronchopneumonia. What is the single most likely causative organism?

- a. Mycoplasma
- b. Staphylococcus
- c. Chlamydia pneumonia
- d. Pseudomonas
- e. PCP

481. A pt with hodgkins lymphoma who is under tx develops high fever. His blood results show WBC <2800 and has a chest infection. Choose the most likely tx?

- a. Co-amoxiclav
- b. Piperacillin+tazobactam
- c. Erythromycin
- d. Piperacillin+Co-amoxiclav
- e. Penicillin+tazobactam

491. A primiparous woman with no prv infection with herpes zoster is 18wk pregnant. She had recent contact with a young 21yo pt having widespread chicken pox. What is the most suitable management for the pregnant lady?

- a. Acyclovir PO
- b. Acyclovir IV +IVIG
- c. Acyclovir IV
- d. Reassure
- e. IVIG

501. A 20yo boy is brought by his parents suspecting that he has taken some drug. He is agitated, irritated and can't sleep. Exam: perforated nasal septum. Which of the following is the most likely to be responsible for his symptoms?

- a. Heroine
- b. Cocaine
- c. Ecstasy/MDMA/amphetamine
- d. Alcohol
- e. Opioids

511. A 26yo woman had bipolar disorder for 10yrs and is on Lithium for it. She is symptom free for the past 4 years. She is now planning her pregnancy and wants to know whether she should continue taking lithium. What is the single most appropriate advice?

- a. Continue lithium at the same dose and stop when pregnancy is confirmed

- b. Continue lithium during pregnancy and stop when breast feeding
- c. Reduce lithium dosage but continue throughout pregnancy
- d. Reduce lithium gradually and stop when pregnancy is confirmed
- e. Switch to sodium valproate

531. A 5yo child was admitted with hx of feeling tired and lethargic all the time, bleeding gums and sore throat since the last 3months. Exam: hepatosplenomegaly. What is the most probable dx?

- a. ALL
- b. AML
- c. CML
- d. CLL
- e. Lymphoma

541. A 50yo lady with weak limbs when examined was found to have burn marks on finger tips, wasted and weak hands with diminished felexes. She also has weak spastic legs and dissociated sensory loss. What is the dx?

- a. MS
- b. Syringomyelia
- c. MND
- d. Guillian-barre
- e. Freidriech's ataxia

551. A 40yo woman complains of dysphagia for both solids and liquids. She sometimes suffers from severe retrosternal chest pain. Barium swallow reveals a dilated esophagus which tapers to a fine distal end. What is the best management strategy?

- a. Reassurance
- b. Antispasmodics
- c. Dilatation of the LES
- d. Endoscopic diverticulectomy
- e. Barium swallow

561. A 48yo presents with severe chest pain since the last 40mins. In the ED he is given oxygen, GTN, morphine. ECG=ST elevation. Bloods=increased troponin levels. What is the next step of management?

- a. Beta blockers
- b. Percutaneous angiography
- c. Anticoagulant & heparin
- d. Clopidogrel
- e. Aspirin

581. A 26yo woman being treated for a carcinoma of the bronchus with steroids presents with vomiting, abdominal pain and sudden falls in the morning. What is the most specific cause for her symptoms?

- a. Steroid side effects
- b. Postural hypotension
- c. Adrenal insufficiency
- d. Conn's disease
- e. Cushing's disease

591. A 58yo pt presents with altered bowel habits and bleeding per rectum. Exam and sigmoidoscopy showed an ulcer. What is the single most likely dx?

- a. Colorectal carcinoma
- b. Celiac disease
- c. Crohns disease
- d. UC
- e. IBS

601. A mother presents with her 12m daughter. The child has no meaningful words, is unable to sit unaided and can't play with her toys. She doesn't laugh and has poor interaction with her siblings. What is the best management strategy?

- a. Arrange hearing test

- b. Assess developmental milestones
- c. Reassure
- d. Refer to speech therapist
- e. MRI brain

611. A 68yo lady complains of falls to the ground without any warning, maintains consciousness and no confusion. She says this has occurred at number of times. What is the dx?

- a. Stokes Adams attack
- b. Hypoglycemia
- c. Vasovagal syncope
- d. Drop attacks
- e. Epilepsy

621. A 60yo woman is admitted to the hospital after a fall. She is noted to have poor eye contact. When asked how she is feeling, she admits to feeling low in mood and losing enjoyment in all her usual hobbies. She has also found it difficult to concentrate, feels that she is not good at anything, feels guilty over minor issues and feels very negative about the future. What is the most likely dx?

- a. Mild depression
- b. Moderate depression
- c. Severe depression
- d. Psychosis
- e. Seasonal depression

631. A 28yo man presents with a maculopapular rash over his trunk and palms. He also has numerous mouth ulcers. He had a penile ulcer which healed 2wks ago. What will you do to confirm the dx?

- a. PCR for treponemal and non-treponemal antibodies
- b. Dark ground microscopy from mouth ulcer
- c. Blood culture for treponema

d. Dengue fever

641. A 34yo DM pt is undergoing contrast radiography. What measure should be taken to prevent renal damage with contrast dye?

- a. Reduce contrast dye
- b. Plenty of fluids
- c. NSAIDS
- d. ACEi
- e. IV dextrose

651. A lady with fam hx of ovarian carcinoma has a pelvis US that fails to reveal any abnormality.

What is the single most appropriate inv?

- a. Pelvic CT
- b. CA 125
- c. CA 153
- d. Laparoscopy
- e. MRI

661. A 55yo man presents with an ulcer of the scrotum. Which of the following LN is involved?

- a. External iliac LN
- b. Pre-aortic LN
- c. Aortic LN
- d. Inguinal LN
- e. Iliac LN
- f. Submental LN
- g. Submandibular LN
- h. Deep cervical LN

671. A 4m girl has severe FTT (Failure To Thrive) and increasing jaundice which was 1st noticed at 1wk of age. She has an enlarged liver and scratches on her skin. Her parents have been unable to seek medical care. What is the most likely dx?

- a. Biliary atresia
- b. G6PD deficiency
- c. Hep B
- d. Spherocytosis

681. A 27yo female was brought to the ED by her friend from a movie theatre. She complains of sudden severe pain in the eye followed by vomiting and also was seeing colored halos. She gives a past hx of recurrent headaches which used to resolve spontaneously. Exam: fixed, dilated ovoid pupil seen. What is the first inv?

- a. CT head
- b. MRI orbits
- c. Blood culture and sensitivity
- d. Toxicology screen
- e. Applanation tonometry

691. A 16yo girl has been unwell for 5days with malaise, headache and dry cough. She has a few crackles in her chest. Her CXR shows patchy consolidation in the lower lobes. What is the single most likely causative organism?

- a. Cold agglutinins
- b. Gram -ve diplococci in sputum
- c. Gram +ve diplococci in sputum
- d. Serology for legionella
- e. Sputum staining for mycobacterium TB

701. A 17yo boy while playing football got a kick and now he is complaining of severe pain and swelling of the left side of his scrotum. What inv is the most appropriate to dx?

- a. Needle aspiration of scrotum
- b. US scrotum

- c. MSU
- d. Surgical exploration of scrotum
- e. Urine test for hematuria

711. A 32yo miner is rescued after being trapped under a fallwn rock for 4h. After applying a bladder catheter, 15-20ml of reddish brown urine was obtained. HR=120bpm, SBP=100mmHg. What would be the next appropriate step?

- a. Dopamine IV
- b. Fluid challenge
- c. Furosemide IV
- d. 20% Mannitol IV
- e. Antibiotics

721. A pt suffering from schizophrenia laughs while talking about his father's death. Which term best describes his condition?

- a. Depression
- b. Flat affect
- c. Emotional liability
- d. Incongruent affect
- e. Clang association

731. An old man having T2DM with increased skin tanning, heart failure and having high ferritin (hemochromatosis) level is refusing tx. Where is the first site of cancer?

- a. Testes
- b. Adrenal
- c. Liver
- d. Pancreas

741. A 25yo woman with a hx of several episodes of depression is brought to the ED after she was found with several empty bottles of her meds. She complains of coarse tremor, nausea and

vomiting. Which of the following drugs is likely to have caused her symptoms?

- a. Fluoxetine
- b. Amitryptilline
- c. Lithium
- d. Phenelzine
- e. Olanzapine

\*\*\*751. A guy who has several convictions and has been imprisoned several times, breaks up with his family and doesn't contact his children. What type of personality disorder is this?

- a. Borderline
- b. Antisocial
- c. Schizotypal
- d. Schizoid
- e. Criminal

\*\*\*761. A lady with depression has a bag full of meds. She now presents with coarse tremors. Which drug caused her symptoms?

- a. Lithium
- b. Thyroxine
- c. Amitriptyline
- d. Sodium valproate
- e. Tetrabenazine

\*\*\*771. A 65yo man with cancer of middle 1/3 of the esophagus presents with dysphagia. What is the most immediate management?

- a. Chemotherapy
- b. Radiotherapy
- c. Stenting
- d. Gastrostomy
- e. TPN

781. A 2yo male pt was brought by his mother with a swelling in the right side of his neck extending from the angle of the mouth to the middle 1/3 of the sternocleidomastoid muscle. The swelling was on the anterolateral side of the sternocleidomastoid and was brilliantly transilluminant.

What is the likely dx?

- a. Lymphangioma
- b. Branchial cyst
- c. Thyroglossal cyst
- d. Ranula
- e. Thyroid swelling

\*\*\*791. A 35yo primigravida post C-section complains of inability to void. She denies dysuria but complains of fullness. She was treated with an epidural for analgesia. What is the single most appropriate inv?

- a. MSU
- b. US abdomen
- c. US KUB
- d. Serum calcium

801. A 78yo gentleman suddenly collapsed. His HR=120bpm, BP=70/40mmHg. Exam: pulsatile mass in abdomen. What is the most appropriate dx?

- a. Aortic aneurysm
- b. Mesenteric cyst
- c. Umbilical hernia

811. A 42yo female had sudden severe headache and vomiting. She took paracetamol and then collapsed. What is the most likely dx?

- a. SAH
- b. Viral encephalitis
- c. Meningitis
- d. Anaphylaxis

821. A 29yo man presents with hx of cough, weight loss and night sweats. Exam: pansystolic murmur.

What is the most appropriate dx of underlying cause?

- a. Malaria
- b. HSP
- c. HIV
- d. Dengue fever

831. A 6yo child presents with edema and mild proteinuria. No hematuria. What is the most likely dx?

- a. PSGN
- b. Membranous GN
- c. Minimal change GN
- d. RPGN

841. A 36yo lady comes with hx of early morning stiffness of her small joints and with red and painful eye. What is the single most appropriate option?

- a. Iris
- b. Ciliary body
- c. Cornea
- d. Conjunctivitis
- e. Sclera
- f. Lichen planus

851. A 2yo girl presents with a 4d hx of fever that started with a cough. Her RR=45bpm, sat=94%, temp=38.9C, capillary refill time=1s. There are crepitations at the left base on auscultation.

Urine shows negative dipstick. What is the single inv most likely to lead to dx?

- a. Blood for C&S
- b. ESR
- c. CXR
- d. Urine for C&S
- e. CSF analysis

861. A 12yo pt came to the OPD with complains of fever, malaise, weight loss, anorexia and productive cough. Exam: temp=39C, pulse=100bpm. His mother says that he has a hx of recurrent chest infections and he is not thriving well. What is the single most likely causative organism?

- a. Pneumococcal pneumonia
- b. Staphylococcus
- c. Mycobacterium TB
- d. Pseudomonas
- e. PCP

871. A 75yo man who has DM and HTN experiences acute monocular blindness which resolves after 1h. What is the most likely dx?

- a. GCA
- b. Optic neuritis
- c. Lacunar infarct
- d. Pontine hemorrhage
- e. Amaurosis fugax

881. A 68yo DM, HTN with a 45pack/year smoking hx, has left sided chest pain increased with breathing. Exam: myosis on left side and wasting of small muscles of left hand. What is the single most appropriate dx?

- a. Costochondritis
- b. Lung cancer
- c. Good pasture's syndrome
- d. MND
- e. Progressive massive fibrosis

891. An elderly woman is found anemia. As part of her exam, she had a barium enema which reveals a mass lesion in the ascending colon. What is the single most appropriate dx?

- a. Sigmoid volvulus

- b. Anal fissure
- c. Sigmoid carcinoma
- d. Cecal carcinoma
- e. Diverticular disease

901. A 27yo pt met with a RTA. While the NGT is passing, bowel sounds are heard in the chest. CXR shows NGT curled. What is the dx?

- a. Diaphragm rupture
- b. Aortic rupture
- c. Splenic rupture
- d. Bowel rupture
- e. Liver rupture

911. A 27yo man presents with chest pain and respiratory distress. Exam: tachycardia, hypotension and neck vein distension. Trachea is deviated to the left side, breathing sounds on right side are absent and diminished on left side. What is the next appropriate management?

- a. CXR
- b. Right side aspiration (16G)
- c. Left side aspiration (16G)
- d. Right side drain with a small tube (12F)
- e. Left side drain with a small tube (12F)

921. A 19yo boy comes to the ED with pain, swelling and tenderness 2cm distal to Lister's tubercle of radius. Exam: proximal pressure on the extended thumb and index finger is painful. XR: no fx.

What is the next appropriate management for the pt?

- a. Immobilization with cast
- b. Repeat XR
- c. MRI
- d. Surgery
- e. None

931. A pt had passed a 4mm stone in his urine. He has a 3mm stone in the renal pelvis found on US.

What is the management?

- a. ESWL
- b. None
- c. Dormier basket
- d. Surgery
- e. PCNL

941. A 75yo man comes in complaining of difficulty in passing urine, poor stream and dribbling at the end of voiding and anorexia. US shows bilateral hydronephrosis. What is the cause of these findings?

- a. BPH
- b. Renal stones
- c. Bladder stones
- d. Prostatic ca
- e. UTI

951. A 68yo man presents with muscle weakness. He is not able to climb stairs. He also complains of mild breathlessness. He says that he sometimes feels difficulty in swallowing food. Labs: ALP=216, AST=49, ALT=43, CK=417, ESR=16. What is the most likely dx?

- a. Polymyositis
- b. Polymyalgia rheumatic
- c. Muscular dystrophy
- d. Esophageal carcinoma
- e. Osteoarthritis

961. A 4yo boy presents with recurrent episodes of self limiting spontaneous bleeding. Coag test: PT normal, bleeding time normal, APTT prolonged, Factor VIII decreased. His father and uncle suffer from a similar illness. What is the most likely dx?

- a. Hemophilia A

- b. Hemophilia B
- c. Von willebrand's disease
- d. ITP
- e. TTP

971. A 45yo male complains of tremors in hands. Exam: tremors are absent at rest but present when arms are held outstretched and persist on movement. What is the most probable dx?

- a. Parkinsonism
- b. Benign essential tremor
- c. Cerebellar disease
- d. Liver failure
- e. Stroke

981. An 8yo boy has his tonsils and adenoids removed. On the 7th post-op day, he comes back to the ED with hemoptysis and fever. What is the most appropriate management?

- a. Admit for IV antibiotics
- b. Prescribe oral antibiotics and discharge
- c. Packing
- d. Surgery
- e. Reassurance

991. You are the HO in the hospital and the lab report of a pt shows glucose=4mmol/l, K+=5.2mmol/l, Na+129mmol/l. what is the most appropriate management?

- a. NS 0.9%
- b. NS 0.45%
- c. NS 0.9% and insulin
- d. Insulin
- e. Dextrose

1001. An 82yo man has woken up with incoherent speech and difficulty in finding the right words. Exam: otherwise normal, good comprehension. Which anatomical site is most likely to be affected?

- a. Broca's area
- b. Wernicke's area
- c. Midbrain
- d. Parietal cortex
- e. Pons

1011. A 54yo pt wakes up with right sided weakness. His current medication is bendroflumethiazide for HTN. Pulse=92bpm, BP=160/90mmHg. CT shows left cerebral infarct. What is the most appropriate tx?

- a. Alteplase
- b. Aspirin
- c. Clopidogrel
- d. Dipyridamole
- e. Simvastatin

1021. An asymptomatic 56yo man who has never consumed alcohol came for a routine checkup. Exam: increased skin pigmentation, spider angioma, cardiomegaly, S3 gallop, liver firm with 8cm span, no ascites. He is in the risk of which condition?

- a. Cerebellar degeneration
- b. Wernicke's encephalopathy
- c. Renal failure
- d. Hepatoma
- e. Hepatic vein thrombosis

1031. A pt with T1DM has a fundus showing micro-aneurysm and hard exudate. What is the single most likely dx?

- a. Macular degeneration

- b. Hypertensive retinopathy
- c. MS
- d. Diabetic background
- e. Proliferative DM retinopathy

1041. A 79yo man who is being treated with GnRH antagonist for proven adenocarcinoma of the prostate attends a follow up session. What is the most appropriate inv?

- a. Serum AFP
- b. Serum PSA
- c. Serum acid phosphates conc
- d. Serum ALP isoenzyme conc
- e. Trans rectal US

1051. A 37yo woman believes that her neighbours have been using her shower while she is away from home. Her 42yo partner is convinced about this and calls the police. What term best describes this situ?

- a. Capgras syndrome
- b. Cotard syndrome
- c. Delusion of persecution
- d. Folie a deux
- e. Munchausen syndrome

1061. A 72yo lady is drowsy and her relatives want to take her home. She has been prescribed diazepam 2.5mg. What is the best delivery route?

- a. Oral
- b. IV
- c. IM
- d. Per rectal
- e. SC

1071. A 55yo man presents with swelling at the angle of the mandible which is progressively increasing in size and it's mobile for 6m. What is the most probable dx?

- a. Benign parotid
- b. Mandible tumor
- c. Tonsillar carcinoma

1081. A 30yo man from Australia returned from a business trip to Indonesia 6d ago presenting with complaints of fever, joint and muscle ache and headache, in particular behind the eye for the past 2 days. What is the most probable dx?

- a. Malaria
- b. Chicken pox
- c. TB
- d. Lyme's disease
- e. Dengue

1091. A 41yo man presents with longstanding foul smelling ear discharge and progressive hearing loss. Otoscopy showed perforation of the pars flacida and a mass in the upper part of the middle ear. What is the most likely dx?

- a. ASOM
- b. CSOM
- c. Acquired cholesteatoma
- d. Congenital cholesteatoma
- e. Barotrauma

1101. A lady comes with a missing IUCD thread. Her LMP was 2wks ago. What is the single most appropriate next step in management?

- a. Abdominal US
- b. Prescribe contraceptives
- c. CT
- d. Serum BHCG

e. Vaginal exam

1111. A pregnant woman of G2, GA 11wks presents with heavy vomiting, headache and reduced urine output. Urine analysis shows ketonuria. Choose the next best step?

- a. US
- b. Oral fluid replacement
- c. Serum BHCG
- d. Parental anti-emetics
- e. IV fluids

1121. A 20yo woman has had abdominal pain in the LIF for 6wks duration. Over the past 48h, she has severe abdominal pain and has a fever of 39.1C. Pelvic US shows a complex cystic 7cm mass in the LIF. What is the most likely dx?

- a. Endometriosis
- b. Dermoid cyst
- c. Ovarian ca
- d. Tubo-ovarian abscess
- e. Ectopic pregnancy

1131. A 6yo child presents with hx of recurrent jaundice. Between the episodes he is totally fine. Mother gives hx of jaundice being brought about by ongoing infections. What is the most likely dx?

- a. Hereditary spherocytosis
- b. G6PD deficiency
- c. Thalassemia
- d. Sickle cell disease
- e. Congenital storage disorder

1141. A 45yo female looking pale has bluish discoloration of hands whenever she goes out in the cold. She has also noticed some reddish spots on her body. She has symmetrical peripheral arthropathy for the last yr. What is the most probable dx?

- a. RA
- b. Osteosarcoma
- c. Limited systemic sclerosis
- d. Diffuse systemic sclerosis
- e. Chondrosarcoma

1151. A child was admitted with fever, generalized skin lesion, some of them are weeping lesions and some of them are crusted. What is the most probable dx?

- a. Varicella
- b. Impetigo
- c. Drug reaction
- d. Contact dermatitis
- e. Scabies

1161. A 14yo boy has been dx with nephrotic syndrome. 5d later he presents with flank pain, hematuria and fluctuating urea levels. A dx of renal vein thrombosis is made. What is the most likely cause for renal vein thrombosis?

- a. Protein C deficiency
- b. Vasculitis
- c. Loss of antithrombin III
- d. High estrogen levels
- e. Stasis

1171. A 78yo retired teacher was admitted for a hernioplasty procedure. After the operation he became agitated, aggressive and confused. What is the most appropriate management?

- a. Diazepam
- b. Chlordiazepoxide
- c. Vit B
- d. Clozapine
- e. Thiamine

1181. A 51yo man had a MI a few days ago. He developed breathlessness. Echo was done and showed a pansystolic murmur. What can be the cause of this symptom?

- a. Ruptured papillary muscle
- b. Acute pericarditis
- c. Dresslers syndrome
- d. Malignant VT
- e. Ventricular aneurysm

1191. A 27yo man presents with symptoms characterized by alternating mood swings a/w flight of ideas, elation, over activity and disinhibition, or low mood with lack of energy and social withdrawal. What is the most probable dx?

- a. Bipolar affective disorder
- b. Dysthymia
- c. Mania
- d. Hypomania
- e. Cyclothymia

1201. A 2wk girl presents with E-coli which is confirmed by urine culture. What is the most appropriate next inv?

- a. US
- b. IVU
- c. CT kidney
- d. BUE
- e. MCUG

1211. A 9yo girl with weekly abdominal pain and occasional headaches but not a/w vomiting or diarrhea. She maintains a good appetite. Lab: normal. CBC, BUE, etc are normal. Exam: no abnormality as found and the abdomen was soft and non-tender. What would you do for her next?

- a. US abdomen
- b. CT thorax
- c. LFT
- d. Reassure
- e. Analgesics

1221. A 35yo man has had acute pain and swelling below the mandible on the left side for 2h. The swelling occurred after eating a large meal. What is the single most likely dx?

- a. Laryngocele
- b. Ranula
- c. Neck abscess
- d. Parotid calculus
- e. Submandibular calculus

1231. A pt is on cancer tx with dexamethasone. According to her biochemical results her  $K^+$ =normal and her  $Na^+$ =low. What is the dx?

- a. Addison's
- b. Dexamethasone side effect
- c. Dilutional hyponatremia

1241. A 32yo woman presents with complaints of having low back pain. She is taking analgesics for it. All inv are normal. What will you advise her?

- a. Bed rest
- b. Physiotherapy
- c. Advice to be more active
- d. Admit

1251. A 22yo girl unhappy about her weight with BMI=22. She likes to have her dinner in an expensive restaurant. She does excessive shopping. K+=3.3. What is the dx?

- a. Anorexia nervosa
- b. Bipolar
- c. OCD
- d. Bulimia

1261. A pregnant pt with Rh –ve who hasn't been prv sensitized delivers her first baby without any prbs. What would be the latest time to administer anti-sensitization?

- a. 6h PP
- b. 24h PP
- c. 48h PP
- d. 72h PP
- e. 5d PP

1271. A 68yo woman presents with post-coital bleeding following her first episode of sexual intercourse in 10yrs. What is the single most likely cause that has led to post-coital bleeding?

- a. Endometrial ca
- b. Atrophic vaginitis
- c. Endometrial polyp
- d. Cervical ca
- e. Cervical ectropion

1281. An obese lady presents with primary amenorrhea. She has high LH, normal FSH and slightly high prolactin levels. Choose the single most likely dx?

- a. PCOS
- b. POF
- c. Hypothyroidism
- d. Pregnancy
- e. Primary obesity

1291. At birth, a baby boy at 38wks GA weighs 1.8kgs. He has hepato-splenomegaly and a rash. Blood test show raised level of bilirubin and liver enzymes. What is the most likely dx?

- a. Galactosemia
- b. Biliary atresia
- c. G6PD deficiency
- d. Rh incompatibility
- e. Congenital viral infection

1301. The biological parents of a child with CF come to you to know about the chances of their future children with the same disease. What would you say to them?

- a. There is a 1:4 chance that your future child will have this disease
- b. All their unaffected children will be carriers of CF
- c. Nothing can be predicted
- d. It can 100% dx antenatally

1311. A 28yo woman with hx of drug addiction wants to start a family and have a baby. She would like to stop taking heroin and asked for something to help her stay away from it. What drug tx would you give her?

- a. Naloxone
- b. Acamprosate
- c. Methadone
- d. Chlordiazepoxide
- e. Naltrexone

1321. Which of the following conditions requires operative management?

- a. Cellulitis
- b. Dyshidrosi
- c. Erysipelas
- d. Fournier's gangrene
- e. Lymphangitis

1331. A 7yo boy is brought by his mother. There are multiple perioral and forehead vesicles. Some vesicles are crusted and some are not. The face is hot. What is the most likely dx?

- a. Varicella zoster
- b. Herpes zoster
- c. Fungal infection
- d. Impetigo
- e. Psoriasis

1341. A 24yo man after a head injury presents with difficulty dressing himself, difficulty in writing and inability to differentiate the fingers of his hand. Which part of the brain is most likely to be affected?

- a. Frontal lobe
- b. Parietal lobe
- c. Temporal lobe
- d. Occipital lobe
- e. Brainstem

\*\*\*1351. A 4yo boy ingested his grandmother's medicine and has developed dilated pupil. What is the cause?

- a. Amitryptiline
- b. Paracetamol
- c. Iron
- d. Digoxin

1361. A 55yo man is having slow growing ascites. When we tap the peritoneal fluid the protein is <25 and it is clear and yellow. What could be the origin for ascites?

- a. Budd-Chiari
- b. Gastrinoma
- c. Hepatoma
- d. TB
- e. Pancreatitis

1371. A young boy presents with fever and cough. His father was dx with TB a week ago. The parents don't want him to have a BAL under anesthesia. Which other samples can be taken for dx?

- a. Urine
- b. Blood
- c. CSF
- d. Gastric washing
- e. Sweat

1381. A man after MI presented with sudden breathlessness and dyspnea. Exam: scattered pansystolic murmur all over the precordium. What is the next inv that will lead to dx?

- a. ECG
- b. Echo
- c. CT
- d. Blood culture
- e. CXR

1391. A schizophrenic man complains that he can hear voices talking about him and telling him to end his life by cutting his throat. He only hears them when he wakes up from sleep and not at other times. What type of hallucinations is he having?

- a. Somatic
- b. Kinesthetic
- c. Hypnogogic
- d. Hypnopompic
- e. Lilliputian

1401. A 22yo Greek man presents with rapid anemia and jaundice following tx of malaria. He is noted to have Heinz bodies. Choose the single most likely cause from the given options?

- a. G6PD deficiency
- b. Anemia of chronic disease
- c. Pernicious anemia
- d. IDA
- e. Vit B12 deficiency

1411. A 28yo woman comes with sudden onset vomiting and pain per abdomen. Exam: mobile swelling in the right iliac fossa. What is the most probable dx?

- a. Ectopic pregnancy
- b. Tubo-ovarian abscess
- c. Acute appendicitis
- d. Ovarian torsion
- e. Diverticulitis

1421. A 30yo woman has a painless lump in the outer aspect of her left breast. She has had a prv breast lump. Her grandmother had breast cancer at 70yrs. She has a 1cm smooth, firm, discrete, mobile lump in the other quadrant region of the left breast. What is the single most likely dx?

- a. Breast abscess
- b. Breast carcinoma
- c. Breast cyst
- d. Fibro-adenoma
- e. Sebaceous cyst

1431. A man with chronic cough presents with copious purulent sputum. What is the single most dx?

- a. Bronchitis
- b. Bronchiectasis
- c. COPD
- d. Pneumonia
- e. Emphysema

1441. A 20yo student who recently visited Asia came to the OPD with complains of low grade fever, night sweats, anorexia and productive cough. Inv: CXR=cavitatory lesions in upper lobes. What is the single most likelt causative organism?

- a. Mycoplasma
- b. Klebsiella
- c. TB
- d. PCP

1451. A 7yo child presents with lesions on the trunk. Exam: some lesions are weeping and others are crusted with a red base. What is the causative organism?

- a. Herpes simplex
- b. Varicella zoster
- c. Rubella virus
- d. Herpes zoster

1461. A 25yo male had an injury to the knee while playing football. XR=condylar fx of tibia. What is the single most probable deformity?

- a. Dinner fork deformity
- b. Gibbus
- c. Cubitus valgus
- d. Garden spade deformity
- e. Genu valgus

1471. A 29yo woman who returned from Egypt 2wks ago now presents with difficulty in breathing, chest pain, cough and purulent sputum with an episode of blood staining. She is on COCPs. What is the most likely dx?

- a. Pulmonary embolism
- b. Pneumonia
- c. Lung abscess
- d. Pneumothorax
- e. Pulmonary edema

1481. A 35yo woman who usually has 4 days mid-cycle bleeding, had her period 10d ago. She has now presented with spots of blood. Her smear was normal 6m ago. Exam: cervical ectropion which doesn't bleed on touch. What would you do?

- a. Cervical smear
- b. Endocervical swab
- c. US guided biopsy
- d. Laparotomy
- e. Transvaginal US

- f. Punch biopsy
- g. Serum estradiol
- h. Colposcopy

\*\*\*1491. A 48yo woman is admitted to the ED with a productive cough and mod fever. She often has central chest pain and she regurgitates undigested food most of the time but doesn't suffer from acid reflux. These symptoms have been present for the last 3.5m which affects her daily food intake. CXR: air-fluid level behind a normal sized heart. What is the single most likely dx?

- a. Pharyngeal pouch
- b. Hiatus hernia
- c. Bulbar palsy
- d. Achalasia
- e. TB

1501. A 23yo man is having difficulty in speaking following a stab wound to the right of his neck. On being asked to protude his tongue, the tip deviated to the right. Which anatomical site is most likely to be affected?

- a. Facial nerve
- b. Hypoglossal nerve
- c. Vagus nerve
- d. Trigeminal nerve
- e. Glossopharyngeal nerve

1511. A 27yo man presents to the ED with 2d hx of severe headache and pyrexia (38.9C). CT: petechial hemorrhage in the temporal and inf frontal lobes. What is the most likely dx?

- a. Brain abscess
- b. Meningococcal meningitis
- c. Cerebral malaria
- d. Herpes simplex encephalitis
- e. New variant CID

1521. A pt is dx with SIADH. Choose the appropriate biochemical change.

- a. Plasma Na<sup>+</sup> decrease and urine osmolarity increase
- b. Plasma Na<sup>+</sup> decrease and urine osmolarity decrease
- c. Plasma Na<sup>+</sup> increase and urine osmolarity decrease
- d. Plasma Na<sup>+</sup> increase and urine osmolarity increase

1531. In a laparoscopic mesh repair for hernia, when the trochar is inserted at midpoint between umbilicus and ischial spine. What structure will be pierced?

- a. Linea alba
- b. Rectus muscle
- c. Conjoint tendon
- d. External and internal oblique muscles
- e. Inguinal ligament

1541. A 62yo man with chronic schizophrenia presents with a mask like face and involuntary pill rolling movement in both hands. He complains of chronic cough and forgetfulness. He is on long term antipsychotic meds. What is the single most likely dx?

- a. Shy drager syndrome
- b. Parkinsonism
- c. Huntington's chorea
- d. Tardive dyskinesia
- e. Akathisia

1551. A 19yo man accuses his friend of making his right arm swing out at a stranger. What is the best term to describe his condition?

- a. Control
- b. Persecution
- c. Guilt
- d. Reference
- e. Grandeur

1561. A 50yo man complains of dysphagia after eating bread. Barium swallow reveals a lower esophageal ring. What is the most appropriate tx?

- a. Reassurance
- b. Antispasmodics
- c. Dilatation of the LES
- d. Endoscopic diverticulectomy
- e. I&D

1571. A 70yo man presents with a fluctuant swelling of the scrotum which feels like worms when he is standing but regresses when he lies down. What is the most probable dx?

- a. Varicocele
- b. Hematocele
- c. Testicular ca
- d. Epididymal cyst
- e. Saphena varix

1581. A 35yo woman presents with a swelling in the neck. The swelling has increased in size gradually over the last two years and the patient feels she has difficulty with breathing. Exam: mass measures 8cm by 10 cm, soft and not warm to touch. It moves with deglutition. Which is the most appropriate management of this mass?

- a. Partial thyroidectomy
- b. Oral thyroxine
- c. Oral propylthiouracil
- d. Excision biopsy

\*\*\*1591. A 6yo boy has been noticed to have problems with co-ordinating his voluntary movements over the last two years. He has a waddling gait and needs to support himself on his hands when rising from the floor. He has larger calves than other boys but he runs more slowly. Which is the most likely dx?

- a. Myotonia
- b. Myasthenia gravis
- c. Duchenne muscular dystrophy
- d. Muscular atrophy

1601. A married 25yo woman presents with 6h hx of abdominal pain located in the LIF. The pain is persistent, of increasing intensity and not radiating first experienced while she was lying down. She feels giddy when she tries to stand erect. The last menstrual period was 6 weeks ago. The radial pulse=130/min and BP=80/40 mmHg. Pelvic US shows free intra-peritoneal fluid. What is the most appropriate next step in management?

- a. Immediate laparoscopy.
- b. Immediate laparotomy.
- c. Pregnancy test (urine or serum).
- d. Observation for 24 hours in the ICU

1611. A 24yo man believes his bowels are blocked and his life is in ruin. What kind of delusion is he suffering from?

- a. Persecutory
- b. Factitious
- c. Guilt
- d. Nihilistic
- e. Hypochondriacal

1621. A pt comes with weight loss and sleep disturbance has mild depression. He has a hx of MI. What is the single most appropriate tx?

- a. Diazepam
- b. ECT
- c. Imipramine
- d. Lithium
- e. Antipsychotics

1631. A 28yo woman who has had a prv pulmonary embolism in pregnancy wishes to discuss contraception. She has menorrhagia but is otherwise well. What is the SINGLE most suitable contraceptive method for this patient?

- a. COCP
- b. Copper IUCD
- c. Levonorgestrel intra-uterine system

- d. Progestogen implant
- e. POP

1641. A 72yo man being investigated for anaemia is booked for a colonoscopy in 24 hours. What is the SINGLE most appropriate management the night before the procedure?

- a. Bisacodyl tablets
- b. Glycerine suppository
- c. Lactulose syrup
- d. Magnesium citrate (orally)
- e. Senna tablets

\*\*\*1651. A 59yo man has shown a change in his mood and personality over a 9m period. He has subsequently developed difficulty with memory and conc, and then progressive fidgety movements of his limbs and facial musculature. By the time of medical assessment he has frank choreiform movements and a mini-mental state exam of 21/30. Other exam is normal. He was adopted and therefore no information on his famhx is available. He has 3 adult children (27, 30, 33) of whom the 2 youngest are asymptomatic. However, the oldest son has recently been inv by the neurology dept for slightly erratic behavior and fidgety restless movements of both legs. Based on the likely clinical dx, which one of the following genetic patterns is most likely?

- a. AD inheritance with anticipation
- b. AD with variable penetrance
- c. AR
- d. X-linked
- e. Mitochondrial disorder

1661. An anemic young man is found to have a macrocytosis of 90%. The most likely cause is?

- a. Zieve's syndrome
- b. Thalassemia minor
- c. Chronic renal disease
- d. IDA

- e. Folate def
- f. Chronic liver disease
- g. HUS
- h. Cytotoxic chemotherapy
- i. Phenytoin

1671. A pt being sedated with fentanyl develops severe respiratory depression. This is best reversed using?

- a. Ethanol
- b. Naloxone
- c. Phyostigmine
- d. Atropine
- e. Methylene blue
- f. Diphenhydramine
- g. Calcium disodium ethylene diamine tetra-acetic acid
- h. Deferoxamine mesylate
- i. Flumazenil
- j. Folic acid

\*\*\*1681. A 50yo farmer complains of pain in his left arm. Exam: he appears to have a neuropathy affecting isolated nerves in multiple, random areas of his left arm. He also has a palpable purpura and tender nodules on both of his upper and lower limbs. A likely diagnosis is?

- a. Carpal tunnel syndrome
- b. Polyarteritis nodosa
- c. Angina Pectoris
- d. Gout
- e. Cellulitis
- f. Rheumatoid arthritis
- g. Erysipelas

- h. Fasciitis
- i. Reiter's Syndrome
- j. Polymyalgia Rheumatica

1691. A 29yo Afro-Caribbean man presents with a non-productive cough mild aches in the ankles. The symptoms have been present for 2m. His ESR is elevated. Ca: 2.69 mmol/l; PO4 3-: 1.20 mmol/l; ALP: 80 iu/L. Serum 25(OH) D: 180 nmol/l

Normal values for Calcium: 2.12-2.65mmol/l; Phosphate: 0.8-1.45mmol/l; ALP 30-300iu/L; Serum 25(OH) D: 20-105nmol/l; Urea: 2.5-6.7mmol/l; Creatinine: 70-120µmol/l

- a. Osteoporosis
- b. Thiazide diuretics
- c. Skeletal metastases
- d. Primary hyperparathyroidism
- e. Hypoparathyroidism
- f. Osteomalacia
- g. Multiple myeloma
- h. Paget's disease of bone
- i. Sarcoidosis
- j. Hyperthyroidism

1701. A 45yo woman presents with easy fatigability, even on no exertion, chronic headaches and body aches and severe physical and mental exhaustion. She has no underlying conditions and all inv are non-conclusive. What is the most likely dx?

- a. Somatization
- b. Chronic fatigue syndrome
- c. Polymyalgia rheumatic
- d. GCA e. Depression

1702. A 23yo male presents to his GP 2wks after a RTA concerned about increasing anxiety lethargy and headache. At the time he had a CT brain after banging his head on the steering wheel, which revealed no abnormality. 6m following this episode his symptoms have resolved. What did his original symptoms likely represent?

- a. Conversion disorder

- b. PTSD
- c. Somatization disorder
- d. GAD
- e. Post-concussion syndrome

1703. A 34yo man had a 4mm ureteric stone which he passed in urine. This time he presents withh 3cm stone in the right kidney. Single most appropriate treatment?

- a. No treatment
- b. ESWL
- c. Laparotomy
- d. Observe
- e. Operative stone removal

1704. An 18m girl who has had single UTI is seen in the OPD. She has fever and vomiting but these improved with course of trimethoprim. Subsequently, MCUG showed bilateral vesicoureteric reflux. Single most appropriate mgmt?

- a. Prophylactic antibiotics
- b. Reassure
- c. No treatment
- d. Ureteric surgery

1705. A 22yo says she has taken about 40 tabs of paracetamol 3h ago. Her HR=110bpm, BP=110/80mmHg and RR=22bpm. What's the initial management?

- a. Activated charcoal
- b. N-acetyl cysteine
- c. Gastric lavage
- d. Wait for 4h paracetamol level

1706. A 35yo man skidded on a wet road while riding his motorbike at a speed of 70mph. He has a large hematoma on temporal scalp, some bruises on chest wall and abdomen and a deformed thigh. GCS

11/15. High flow oxygen via mask given. Most immediate radiological inv required during initial resuscitation phase?

- a. CXR
- b. CT brain
- c. CT abdomen
- d. XR femur

1707. A 4yo baby has a generalized tonic-clonic convulsions and fever of 39C. His mother informs you that this has happened 3-4 times before. What is the most probable dx?

- a. Febrile convulsion
- b. Absence seizures
- c. Epilepsy
- d. Partial complex seizure

502. For a pt presenting with Parkinson's disease which of the following drugs is most useful in the management of the tremor?

- a. Apomorphine
- b. Cabergoline
- c. Selegiline
- d. Amantadine
- e. Benzhexol

503. A 26yo woman has become aware of increasing right sided hearing deficiency since her recent pregnancy. Her eardrums are normal. Her hearing tests show: BC-normal. Weber test lateralizes to the right ear. What is the single most likely dx?

- a. Encephalopathy
- b. Functional hearing loss
- c. Tympano-sclerosis
- d. Otosclerosis
- e. Sensorineural deafness

504. A 58yo T1DM on anti-HTN therapy for 13yrs developed central chest pain for 45 mins while driving a/w cold sweating and dyspnea. What is the single most appropriate dx?

- a. MI
- b. Pericarditis
- c. Pulmonary embolism
- d. Costochondritis
- e. Pneumothorax

505. A man was brought to the ED from a shopping mall after collapsing there. He is conscious and answering questions now. His ECG shows irregular rhythm. Your choice of inv:

- a. CT
- b. MRI
- c. 24h ECG
- d. Echo