

January 2002 PLAB -1

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#### Heart management

- A- Tissue plasminogen activator
- B- Heparin
- C- Heparin and DC cardioversion
- D- Streptokinase
- E- Warfarin
- F-
- G-

- 1 A man came to A&E c/o chest pain and breathlessness 2 hours ago, now there is no pain his ECG shows Q-waves in lead I, II and aVF.
- 2 A man came to A&E c/o chest pain and breathlessness. ECG showed Qwaves and ST-elevation in leads v1 to v3.
- 3 Man came to and e with irregular heart rate of 140.
- 4

#### Vaginal bleeding medical treatment

- A- Medroxyprogesterone depot form.
- B- COCP.
- C- Danzol.
- D- GnRH.
- E- Antifibrinolytics.
- F- Prostaglandin synthetase antagonist
- G-
- H-

- 5 A young woman 13 to 14 with painless vaginal bleeding.
- 6 A woman with painful vaginal bleeding e brown clots, she feels embarrassing going to parties' wants a solution for her problem normal remedies over the counter didn't help.
- 7 A woman of 45 with irregular vaginal bleeding, she doesn't want any children.
- 8 A woman who is mentally retarded and living in rural areas c/o irregular vaginal bleeding.
- 9

#### Management

- A- Normal i/v line.
- B- CV line.
- C- Fluids @ of 20/minute.
- D- Endotracheal intubation.
- E- Oropharyngeal airway.
- F- Intravenous line.
- G- Blood transfusion.
- H-
- I-

- 10 A 4-year boy dehydrated with blood loss, access at normal i/v line failed.
- 11 A 18 year old dehydrated access at normal i/v line failed.
- 12 A man has 10 % burns on the chest.
- 13 A man had burnt nasal hair and throat pain and injury.
- 14

#### Analgesia

- A-Opioid
- B-Increase opiate dose.
- C-NSAIDS
- D-Patient controlled anesthesia
- E-Pelvic irradiation
- F-PCM.
- G-I/M opioid?
- H-S/C opioid?
- I- Oral steroid
- J-

- 15 A man has Seminoma testis, which have spread to pelvis normal analgesia didn't help.
- 16 A woman is anxious about some kind of analgesia after operation for her ca rectum.
- 17 A man had ca of arm with swelling normal analgesia didn't help.
- 18 A man has some carcinoma taking low dose NSAIDS/Opioid but still c/o of pain.
- 19

**Prostate.**

- A-Thallium scan
- B-PSA
- C-Transrectal u/s
- D-Transrectal biopsy
- E-Transrectal resection.
- F-Gallium scan
- G-HLA status
- H-Bones survey
- I-

- 20 Man 60 years with Prostatic symptoms c/o sudden onset of backache.
- 21 Man c/o dribbling, hesitancy frequency his PSA is 120[raised].
- 22 A man having adenocarcinoma prostate spread to pelvis side walls will be given chemotherapy Analgesia.
- 23 A 75-year-old mentally retarded man having nocturia, & hesitancy.
- 24

**Childcare**

- A-Child safety conference
- B-Child care center
- C-Improve nutritional status
- D-Bones survey
- E-Coagulation screen
- F-
- G-

- 25 A boy brought to A&E with transverse fracture of humerus, no evidence of trauma found.
- 26 Boy brought with bruising in his arm where his mom supposed to hold him.
- 27 A boy of unemployed parents brought with no progress in wt from previous examination.
- 28

**Rheumatology**

- A- Perthe's disease.
- B- Slipped femoral epiphysis.
- C- Septic arthritis.
- D- Osteomyelitis.
- E- CDH
- F- Osteoarthritis
- G-

- 30 A boy had difficulty in walking upstairs.
- 31 Boy has difficulty in abducting his leg.
- 32 Boy had difficulty in all movements at hip/knee joint.
- 33 A boy had fever and pain in joints unable to wt bear or walk.
- 34

**Theme-13: Dysphagia**

- A-Achalasia.
- B-Barrette oesophagus.
- C-Ph pouch
- D-Diffuse esophageal spasm.
- E-CA esophagus.
- F-

- 35 60-year-old long hx of dysphagia with wt loss, also alcohol user in the past?
- 36 Man with dysphagia and regurgitation.
- 37 Regurgitation which is associated with carcinoma esophagus.
- 38

**Theme-14: Eye**

- A-CXR
- B-ECG?
- C-Hb
- D-Doppler u/s
- E-Urea & Electrolytes?
- F-

- 39 80-year-old man going cataract surgery under local anesthesia.
- 40 A man going eye surgery he has carotid stenosis also.
- 41

### Eczema

- A- Emollient
- B- Topical steroid
- C- Emollient & steroid [dexamethasone]
- D- Prolong use of steroid
- E- Refer to hospital

- 43 An eczema, which has not responded to emollient and topical steroid.
- 44 Severe eczema in a baby who is crying [having fever] and his mother is exhausted.
- 45 An eczema, which has responded to steroid.
- 46

### UTI

- A-Nitrofurantion.
- B-Gentamycin.
- C-Trimethoprim.
- D-penicillin.
- E-Vitamin-C
- F-

- 47 A boy has frequency, dysuria and nitrites in urine positive.
- 48 A man has UTI and anorexia.
- 49 A boy had UTI e coli seen.
- 50 A man with proteus UTI.
- 51 A boy whose UTI treated and is now symptom free.

### Heart diseases.

- A-Mitral stenosis
- B-Cardiomyopathy
- C-Hypertension
- D-AF
- E-IHD
- F-

- 53 Alcohol in moderate quantity reduces its risk.
- 54 Warfarin reduces its risk.
- 55 This is the most common heart disease in UK.
- 56 A man had Atrial/ventricular disease?

### Obesity

- A-NIDDM
- B-IDDM
- C-Polycystic ovary

- D-Cushing disease
- E-Hypothyroidism
- F-Familial hypercholesterolaemia .
- G-Familial hypertriglyceridemia.
- H-Obesity.

- 58 Reduction of wt results in better working of drugs at the receptors.
- 59 A man obese and had an ulcer on sole of his foot.
- 60 High cholesterol-11 & triglyceride-2.5 in a boy.
- 61 High cholesterol & triglyceride in a man
- 62 Obesity in a female, which can be corrected by surgery.

### Investigations

- A-Stool culture
- B- Blood culture
- C-Colonoscopy
- D- Sigmoidoscopy

- 63 A man had episodes of foul smelling stools/diarrhoea?
- 64 A man had frequent stools and painful lesions of ankle?
- 65

### Diagnosis

- A-UC
- B-Crohn's
- C-Fissure in ano
- D-Acute haematoma around anal region
- E-Trauma
- F-CA rectum

- 66 A man had hard feces constipation and pain around anal region.
- 67 A boy had some abdominal symptoms but all his investigations were normal
- 68 A 60-year-old man had change in bowel habits wt loss an ulcer at 10 cm on sigmoidoscopy.
- 69 Frequent stools blood per rectum sigmoidoscopy normal?

### Skin diagnosis

- A- Herpes simplex virus
- B- EBV
- C- Kaposi's
- D- Melanoma

- 71 Central healing or pallor in a molar lesion.
- 72 A skin eruption vesicular in a immunocompromized or after transplant
- 73 Some ulcers at mouth and around genitalia.
- 74

### Investigations in ischemia

- A- Arteriography
- B- Ankle brachial axis measurements
- C- Angiography
- D- Doppler u/s
- E-

- 76 A man c/o pain at rest
- 77 A man c/o intermittent claudication of lower limb
- 78

### Chest X-ray interpretation

- A- TB
- B- Pneumonia
- C- Psittaci pneumonia
- D-

- 79 A man with fever and mid zone consolidation no history of air travel.
- 80 Alcoholic, weight loss, apical consolidation
- 81

### Testicular problems

- A- Orchitis
- B- Epididymitis
- C- Torsion testis
- D- Varicocele
- E- Hydrocele
- F- Epididymal cyst
- H- Spermatocele

- 82 A boy c/o dragging sensation in his testes when standing for long time.
- 83 Boy c/o pain when ever his testis is lifted up.
- 84 A boy has swelling neck and pain in his testes.
- 85 A boy came with sudden pain in his testes after cycling.

### Diagnosis of head injury

- A- Mild injury
- B- Moderate injury
- C- SDH
- D- EDH
- E- SAH
- F- fracture base of skull

- 86 A woman with GCS of 12 confused after injury
- 87 A man with injury and blood in his haemotympanum
- 88 Some injury in a man he is conscious and no localizing and all tests are normal.

### Significance of tests

- A- GGT
- B- LFTs
- C- Serum calcium
- D- Serum magnesium
- E- Urea and electrolytes
- F- Serum creatinine

- 89 To assess treatment and status of the condition alcoholics.
- 90 A man with polyuria, polydipsia and constipation
- 91 A man using lithium and u want to know its effect on renal clearance /excretion system.
- 92 To asses renal failure

### Breast investigations

- A- U/S
- B- Mammography
- C- Wide excision
- D- Cystic aspiration cytology FNAC
- E- Stereotactic needle biopsy.
- F- Stereotactic core biopsy.
- G- Family history

- 94 A woman has lump in her breast and she is afraid of needles
- 95 A woman has diffuse modularity e changes with menstrual cycle.
- 96 A 2 cm irregular swelling in a breast with no axillary lymph nodes.
- 97 On mammography a woman has multiple wide spread calcifications breast which are not localized.
- 98

### Diagnosis

- A-Paracetamol
- B-Salicylate
- C-Respiratory syncytial virus
- D-Mennier disease
- E-acoustic neuroma

- 100 A 6-month-old boy was breast fed had deafness hearing problems and became alright after 3 months when he was off from milk.
- 101 A man c/o tinnitus, hyperventilation
- 102 A woman with recurrent episode of tinnitus vertigo

### Diagnostic tests

- A-CT
- B-Toxicology screen
- C-Skull x ray
- D-LP
- E-Blood gases??/

- 104 A boy drowsy unconscious with rash and fever.
- 105 A girl had an argument with her boy friend next morning she was found unconscious in her flat. No signs of external trauma were found.
- 106 A man with head injury unconscious.
- 107 A man with cyanosis dilated pupils

### Tests

- A-MRI pituitary

- B-MRI occipital
- C-MRI temporal
- D- CT scan brain
- E-Skull x ray
- F-Prolactin level

108 Woman with impotence and galactorrhoea

109 A man with upper quadrantanopia

110 A man with increase shoe size and ring size

111 A man with central scotomata

112

### Diagnosis

- A- Cystic fibrosis
- B-Allergic reaction to medicines
- C-Polyps

113 A man using some medicines came with some growth i his snooze with blockage?

114 A boy with nasal polyps and wt loss malabsorption?

115

### Diagnosis of shock.

- A-Carcinogenic shock.
- B-Hypovoulmic shock.
- C-Gram negative shock.
- D-Anaphylactic shock

116 A man had increase pulse and warm hands and peripheries after an operation.

117 2-A man had pelvis injury now BP is low pulse is 86 and low JVP.

118 3-A man has systolic BP decrease and pulse increase he had some cardiac problem or cardiomyopathy.

119 4-a boy had been stung by a bee now has swollen lips.

120

### Psychiatry

- A-Schizophrenia
- B-Bulimia nervosa.
- C-Anxiety.
- D-Depression.
- E-Obsessive compulsion disorder
- F-Agoraphobia
- G-Drug addiction.
- H-Alcohol drinking

- 121 This disease is common in younger age groups it gets better as age advances.
- 122 This disease is common in woman as age advances.
- 123 Young woman didn't eat she is conscious of her body figures wants to be slim.
- 124 A young lady stopped eating lost some wt, she stopped eating because she thinks that there is femine world over and she is feeling guilty if she eats.
- 125 This disease is more common in developed countries compared to non-developed countries.
- 126 This is the 4th most common psychiatric disease in UK.
- 127 This disease is common in young age groups of all ethnic groups

### Diagnosing injury level

- A-Urethral stricture.
- B-Stenose external meatus.
- C-Stone

- 128 Pelvis injury in a man unable to pass urine or may be having blood at external urethral meatus.
- 129 A pt had intermittent cauterization for long time now unable to pass urine.

### Investigations of Trauma in children

- A- Vaginal swab culture
- B- Examination under anesthesia
- C- Urine culture

- 130 A 3 year girl brought with sore vagina and perineum inflamed plus UTI

### Cervical carcinoma from fischttest with all options.

- A-
- B-
- C-
- D-
- E-

- 132 When is the peak age of incidence of cervical CA.

- 133 When does screening for it stops.

- 134 When is the recurrence of stage 1b treated. etc all 5 questions of fischttest.

### Miscellaneous

- 135 A boy stung by a bee came with swollen lips. **Diagnosis**

- 136 A woman has some form of allergy as well her son suffering from allergy  
**Investigations**

Answers January 2002

1	A/D	51	E	101	B	151	
2	A/D	52		102	D	152	
3	E/C	53	E	103		153	
4		54	D	104	A/D	154	
5	E	55	E	105	B	155	
6	B	56	B	106	A	156	
7	C	57		107	B	157	
8	A	58	A	108	F	158	
9		59	A	109	C	159	
10	E	60	F	110	A	160	
11	B	61	H	111	B/D	161	
12	A	62	D	112		162	
13	D	63	A	113	B	163	
14		64	D-IBD	114	A	164	
15	E	65		115		165	
16	D	66	C	116	C	166	
17	A	67	D/E	117	B	167	
18	B	68	F	118	A	168	
19		69	B	119	D	169	
20	H	70		120		170	
21	D/C	71	D	121		171	
22	H	72	B/C	122	D	172	
23		73	A	123	C	173	
24		74		124	A	174	
25	D	75		125	B	175	
26	E	76	C	126		176	
27	B/C	77	D	127	G	177	
28		78		128	D	178	
29		79	B	129	A	179	
30	B	80	A	130	B	180	
31	B/E	81		131		181	
32	A	82	D	132	35-40 yrs	182	
33	C	83	CB	133	60-65 yrs	183	
34		84	A	134	24-36 months in 1 yr	184	
35	E	85	C	135	Anaphylaxis	185	
36	A/C	86	B	136		186	
37	B	87	F	137		187	
38		88	A	138		188	
39	B	89	B	139		189	
40	D	90	C	140		190	
41		91	F	141		191	
42		92	F/E	142		192	
43	E/C	93		143		193	
44	E	94	B	144		194	
45	B	95	A	145		195	
46		96	D	146		196	
47	C	97	F	147		197	
48	C/D	98		148		198	
49	C/A	99		149		199	
50	C/B	100	B/C	150		200	