

Septaemia - multiplying bacteria

discharge- gonococcal, chlamydia

HPV warts (condylomas)

The following are matched correctly except:-

- (a) Painless chancre ✓
- (b) Painful chancre ✓
- (c) Grouped vesicles ✓
- (d) Inguinal Lymphadenopathy ✓
- (e) ~~Urethral discharge~~ ✓

- Treponema Pallidum ✓
- Haemophilus ducreyi ✓
- Herpes simplex virus ✓
- Chlamydia trachomatis ✓
- Mycoplasma hominis ✓

Reiters- chlamydia, salmonella

A 20 yr old previously healthy man presents with a 2 day history of chest pain, cough productive of rusty sputum and fever. Which one of the following is least appropriate for his treatment?

- (a) Amoxicillin/clavulanic acid ✓
- (b) Doxycycline ✓
- (c) Azithromycin ✓
- (d) ~~Ciprofloxacin~~ ✓
- (e) Cefuroxime ✓

Primary Syphilis (D)
Penicillins
Macrolides- azithromycin
Acyclovir, Forscanet
Macrolides, Tetracyclines
Bact vaginosis
N Gonorrhoea- 3rd gen cephs

A 64 year old man with diabetes mellitus presents with swelling and pain of his left foot. On examination, the foot is found to be swollen, warm, tender with athlete's foot. Which one of the following is most appropriate for his treatment?

- (a) Cloxacillin ✓
- (b) Ciprofloxacin ✓
- (c) Amoxicillin/clavulanic acid ✓
- (d) Benzyl penicillin ✓
- (e) ~~Clindamycin~~ ✓

staph, less for strep

for severe

flucloxacillin ± metronidazole (IV)

Staph and strep pyogenes- clindamycin

An 18 year old female known to have rheumatic heart disease presents with chest pain and worsening heart failure. On examination she is found to have a new aortic regurgitation murmur and mild splenomegaly. Which one of the following is an appropriate empiric choice of treatment for her?

- (a) Crystalline penicillin only ✓
- (b) Ampicillin and levofloxacin ✓
- (c) Ampicillin and gentamicin ✓
- (d) Ceftriaxone only ✓
- (e) ~~Ampicillin, gentamicin and vancomycin~~ ✓

E- Gram positive, negative and MRSA

E20 Rupture

Penicillin / sulphonamide
Ampicillin / vancomycin + Gentamicin for dental/other surgery.

amoxicillin

macrolide
glycopeptide
macrolide

A 40 year old female currently on treatment with a course of clindamycin develops profuse diarrhoea. Which one of the following is an appropriate choice of antibiotic for her treatment?

C. Difficile - Oral metronidazole, oral vanco

- (a) Oral ciprofloxacin
- (b) Oral Metronidazole
- (c) Oral sulfamethoxazole trimethoprim
- (d) Continue oral clindamycin
- (e) Oral amoxicillin

Other drugs with pseudo-tetracyclins, amoxicillin, Clinda, Quinolones, Cephalo

6. Which one of the following is not essential in the diagnosis of severe sepsis?

- (a) Blood pressure < 90/60 mmHg
- (b) Creatinine > 130 mmol/ml
- (c) Severe dehydration
- (d) INR greater than normal
- (e) Confusion or delirium

C Check SOFA/q-SOFA scores for sepsis
Mx of diff types of shock

A 36 year old HIV positive female with a CD4 of 50 cells/ μ L presents with a one month history of severe headache and a positive CSF CRAG. All of the following are indicated in her treatment except:

- (a) Amphotericin B and Fluconazole
- (b) Amphotericin B and Flucytosine
- (c) Amphotericin B and Dexamethasone
- (d) High dose Fluconazole
- (e) High dose Fluconazole and Flucytosine

C

8. A patient presents to the Accident and Emergency department with diplopia. Which of the following is inconsistent with a diagnosis of right 3rd cranial nerve palsy?

- (a) Inability to fully adduct the right eye
- (b) Dilated right pupil
- (c) Inability to fully abduct the right eye
- (d) Right ptosis
- (e) Right eye resting in 'down and out' position

Efferent arm of pupillary reflex

Abducens

Beggars eye

Following an infarctive stroke, all the following medications are indicated alone or in combination, except:

- (a) Aspirin
- (b) Clopidogrel
- (c) Atrovastatin
- (d) Warfarin
- (e) Nimodipine

Consider thrombolysis- alteplase (check indications/CI)
Dual antiplatelet- ASA, Clopido
Warfarin (if CES)
Atrovastatin (high dose)- risk modification

15.

Juma is admitted in the medical ward with a diagnosis of pulmonary TB and further tests reveal that he is HBsAg positive and has an elevated alanine amino transferase (ALT). What regimen of ART would you prescribe for Juma?

- (a) ~~Abacavir + lamivudine + nevirapine~~
- Tenofovir + lamivudine + efavirenz** B
- (c) ~~Tenofovir + lamivudine + nevirapine~~
- (d) ~~Zidovudine + lamivudine + efavirenz~~
- (e) ~~Zidovudine + lamivudine + nevirapine~~

A 35 year old known alcoholic presents with sudden onset of abdominal pain mainly in the epigastrium. Clinical examination reveals no rebound tenderness and the serum amylase is 600 IU/ml. Which of the following is not indicated in the immediate management of this man? **Acute pancreatitis**

- (a) Intravenous fluids
- (b) Antibiotics
- (c) Proton pump inhibitor
- (d) Oral feeding
- (e) Abdominal CT scan evaluation

B

A 30 year old obese man presents with burning retrosternal chest pain associated with hoarseness of voice. Both the electrocardiogram and serum troponin levels are normal. Upper GIT endoscopy is also normal. Which of the following is not indicated in the management of this condition?

- (a) 24 hour pH monitoring
- (b) Esomeprazole
- (c) Weight reduction
- (d) Cardiac catheterisation
- (e) Oesophageal manometry

Check ddx for acute chest pain

D

A patient presents with hematemesis which is later confirmed at endoscopy to be originating from bleeding oesophageal varices. Which of the treatments below is not indicated in his immediate management?

- (a) Normal saline infusion
- (b) Band ligation
- (c) Sandostatin infusion
- (d) Propranolol
- (e) Porto caval shunting

**High dose PPI
Vasopressin analogs**

D

TIPS

The following are recommended in the management of acute liver failure except:

- (a) Mannitol
- (b) Dextrose
- (c) Vitamin K
- (d) Diazepam
- (e) Fresh frozen plasma

Avoid CNS depressants

Physical modalities used in the rehabilitation of patients with arthritis include the following except:

- (a) Electrical stimulation
- (b) Hydrotherapy ✓
- (c) Exercise therapy ✓
- (d) Rest presumption ✓
- ~~(e)~~ Cognitive behaviour therapy

43. The following are true concerning septic arthritis except:

- (a) Pre-existing rheumatoid arthritis is a risk factor ✓
- (b) Staphylococcus aureus is the most common organism in prosthetic joint infections ✓
- ~~(c)~~ Arthrocentesis is contraindicated a (Definitive dx crl.)
- (d) Antibiotic treatment should begin immediately once proper samples for microbiologic studies have been collected ✓
- (e) Hemodialysis patients are predisposed to infections at axial skeleton sites ✓

The following medications are used in the treatment of acute attacks of gout arthritis except:

- (a) Non steroidal anti inflammatory drugs (NSAIDs) ✓
- (b) Corticosteroids ✓
- (c) Colchicine ✓
- ~~(d)~~ Allopurinol ✓
- (e) Adrenocorticotrophic hormones (ACTH) ✓

The following are true concerning gout except:

- ~~(a)~~ The age of onset in women is older.
- (b) The majority of people with hyperuricaemia never develop symptoms ✓
- (c) The development of tophaceous deposits of monosodium urate is a function of the duration and severity of hyperuricaemia ✓
- ~~(d)~~ Symptoms are ameliorated by probenecid ✓
- (e) It is commonly associated with abnormalities of serum lipids

46. The following are true of ankylosing spondylitis except:

- (a) The eye is involved ✓
- (b) Sacroiliitis occurs ✓
- ~~(c)~~ Anti-CCP antibodies test is invariably positive
- (d) HLA - B27 is a strong genetic risk factor ✓
- (e) Etanercept is useful in treatment ✓

As part of a pre operative evaluation, a 75 year old man is incidentally found to have an isolated irregularly irregular pulse at rate 60 bpm, and a 12 lead ECG shows absence of P waves. All the following therapies are potentially indicated except:

Atrial fibrillation

- (a) Digoxin ✓
- ☒ (b) Warfarin ✓
- ~~(c) DC cardio version~~ ✗
- (d) Amiodarone ✓
- ~~(e) Propafenone~~ ✓

53. A 50 year old patient with diabetes presents to A & E department at 3 am with a four hour history of on-going severe constricting chest pain. Examination reveals BP 100/60 mm Hg and pulse 120b/min. ECG reveals inferior ST segment elevation. All the following are appropriate therapies in his urgent management except:

(a) Thrombolysis ✓

~~(b) Warfarin~~

(c) Percutaneous coronary revascularization ✓

(d) Beta-adrenergic blocker ✓

(e) Clopidogrel ✓

used for long term rx for pts who cannot tolerate antiplatelets.

58

A 45 year old patient has a diagnosis of multiple myeloma. The haemoglobin is 101g/dl, white cell count is 6.7×10^9 /litre and platelets are 131×10^9 /litre. There are no other significant co-morbidities:

Which are of the following drugs should be avoided as much in the treatment of this condition?

- (a) Vincristine ✓ ✓
- (b) Bortezomib ✓ ✓
- ~~(c) Melphalan ✓~~
- (d) Thalidomide ✓
- (e) Doxorubicin ✓ ✓

VAD

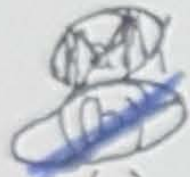
fxn.

73.

All of the following, statements regarding anti-tuberculosis therapeutic agents are true except:

- (a) Over 90% of M tuberculosis isolates resistant to rifampicin are also resistant to Isoniazid
- (b) Rifabutin should be used instead of rifampicin in patients receiving protease inhibitors ppi ✓
- (c) Rifaicin decreases the half-life of warfarin melucor
- ☒ (d) Peripheral neuropathy is the most severe complication of ethambutol blinches
- (e) Pyrazinamide is an effective second-line agent in patients with MDR-TB

9. Which one of the following is not a treatment of choice in Non-steroidal anti-inflammatory drug (NSAID) induced bleeding duodenal ulcer:



Omeprazole 80 mg bolus then infusion at 8 mg/hr ✓

Octreotide infusion at 25 – 50 IU/hr

(c)

Stop NSAID ✓

(d)

Treat H.pylori if positive ✓

(e)

Endoscopic thermal treatment ✓

95.

Modalities of therapy in actively bleeding esophageal varices include all the following except:

- (a) Octreotide infusion ✓
- (b) Band ligation ✓
- ~~(c) Propranolol infusion~~
- (d) Vasopressin administration ✓
- (e) Sclerotherapy ✓

- Polythene
- polythene

1 by 2 mm, 1/2 inch, 1/4 inch, 1/8 inch, 1/16 inch, 1/32 inch, 1/64 inch, 1/128 inch, 1/256 inch, 1/512 inch, 1/1024 inch, 1/2048 inch, 1/4096 inch, 1/8192 inch, 1/16384 inch, 1/32768 inch, 1/65536 inch, 1/131072 inch, 1/262144 inch, 1/524288 inch, 1/1048576 inch, 1/2097152 inch, 1/4194304 inch, 1/8388608 inch, 1/16777216 inch, 1/33554432 inch, 1/67108864 inch, 1/134217728 inch, 1/268435456 inch, 1/536870912 inch, 1/1073741824 inch, 1/2147483648 inch, 1/4294967296 inch, 1/8589934592 inch, 1/17179869184 inch, 1/34359738368 inch, 1/68719476736 inch, 1/137438953472 inch, 1/274877906944 inch, 1/549755813888 inch, 1/1099511627776 inch, 1/2199023255552 inch, 1/4398046511104 inch, 1/8796093022208 inch, 1/17592186044416 inch, 1/35184372088832 inch, 1/70368744177664 inch, 1/140737488355328 inch, 1/281474976710656 inch, 1/562949953421312 inch, 1/1125899906842624 inch, 1/2251799813685248 inch, 1/4503599627370496 inch, 1/9007199254740992 inch, 1/18014398509481984 inch, 1/36028797018963968 inch, 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