



قائمة الاسئلة

الفارما التطبيقية 2 د.فتحي حاتم

- 1) Succinylcholine is contraindicated in :
 - 1) Myasthenia gravis patient
 - 2) Patient brought 2 hours after burn
 - 3) Patient brought 3 hours post road traffic accident with spinal cord injury
 - 4) Brain tumor patient with risk of aspiration
- 2) The rate of LA absorbtion generally follow the the following rank order
 - 1) Intravenous> paracervical > tracheal > epidural
 - 2) Tracheal (transmucosal)> paracervical > epidural > sciatic
 - 3) Intravenous> epidural> tracheal> brachial plexus
 - 4) Intravenous>paracervical >epidural > tracheal
- 3) Bupivacaine: all true EXCEPT
 - 1) Amide
 - 2) 95% protein bound
 - 3) Max dose 3 mg/kg
 - 4) Extremely cardiotoxic in overdose
- 4) Hypothermia prolongs blockade by decreasing metabolism the following except
 - 1) Mivacurium
 - 2) atracurium,
 - 3) cisatracurium
 - 4) vecuronium
- 5) Stimulation of alpha-1 receptors primarily causes:
 - 1) Vasodilation
 - 2) Bronchodilation
 - 3) Increased heart rate
 - 4) Increased blood pressure
- 6) Beta-2 receptor agonists are commonly used to treat:
 - 1) Hypertension
 - 2) Asthma
 - 3) Depression
 - 4) Anxiety
- 7) Which of the following is NOT a function of adrenergic receptors?
 - 1) . Regulating heart rate
 - 2) Regulating blood pressure
 - 3) Regulating body temperature
 - 4) Regulating digestion
- 8) Stimulation of alpha-2 receptors primarily causes:
 - 1) Increased heart rate
 - 2) Decreased blood pressure
 - 3) Increased blood sugar
 - 4) Increased muscle contraction
- 9) Which of the following is NOT a catecholamine?
 - 1) Epinephrine
 - 2) Norepinephrine
 - 3) Dopamine
 - 4) Ephedrine





- 10) Anticholinesterase drugs are used in the treatment of myasthenia gravis because:
- 1) They increase the levels of acetylcholine, improving muscle strength.
 - 2) They block the autoimmune process that causes the disease.
 - 3) They decrease the sensitivity of muscle receptors to acetylcholine.
 - 4) They stimulate the production of new muscle fibers
- 11) Ephedrine , all true EXCEPT
- 1) Mixed- acting on α_1 and β_1 receptors
 - 2) Resists MOA and COMT
 - 3) Uses in myasthenia gravis
 - 4) Ephedrine has side effects less than pseudoephedrine
- 12) Dopamine , all true EXCEPT
- 1) a neurotransmitter and metabolite precursor of norepinephrine
 - 2) in moderate dose acts on α_1 while in small dose on D1 receptor
 - 3) uses in cardiogenic shock
 - 4) may cause vomiting and tachycardia
- 13) Clinical signs of adequate reversal vary in sensitivity
- 1) Sustained head lift > inspiratory force > vital capacity > tidal volume
 - 2) Tidal volume > inspiratory force > vital capacity > sustained head lift
 - 3) Sustained head lift > inspiratory force > vital capacity > Tidal volume
 - 4) Inspiratory force > tidal volume > vital capacity > Sustained head lift
- 14) Scoline apnea management include all the following except
- 1) Mechanical ventilators
 - 2) Sedation
 - 3) Neostigmine
 - 4) Plasma
- 15) Epinephrine , all true Except
- 1) At low dose acts as vasodilator while in high dose vasoconstrictor
 - 2) can be used with LA for hand surgery around fingers if GA is contraindicated
 - 3) can be used in dose 0.1 to 0.25 mg I.V slowly for anaphylactic shock
 - 4) can be used for emergency bronchospasm
- 16) clinical uses of β blockers include all the following EXCEPT
- 1) angina
 - 2) COPD
 - 3) migraine
 - 4) glaucoma
- 17) ESMOLOL, all true EXCEPT
- 1) At higher doses considers β_1 cardioselective
 - 2) It is an ultrashort-acting selective β_1 -antagonist
 - 3) rapid redistribution
 - 4) avoid in uncompensated heart failure
- 18) LABETALOL , all true EXCEPT
- 1) blocks α_1 , β_1 and β_2 receptors
 - 2) reduces BP,HR and cardiac output
 - 3) .The initial recommended dose of labetalol is 2.5 to 10 mg administered I.V over 2 min
 - 4) The ratio of α blockade to β blockade approximately 1:7 following I.V administration
- 19) . Neostigmine is a:
- 1) Cholinergic agonist
 - 2) Anticholinergic agent
 - 3) Adrenergic agonist





- 4) - Adrenergic antagonist
- 20) Neostigmine is often used in combination with atropine to:
- 1) - Enhance its muscle-stimulating effects
 - 2) To minimize the effects of the parasympathetic nervous system
 - 3) - To minimize the effects of the sympathetic nervous system
 - 4) - To stimulate muscarinic receptors
- 21) All the following are muscarinic receptors sites , EXCEPT
- 1) - Heart
 - 2) - Salivary glands
 - 3) skeletal muscle
 - 4) - urinary bladder
- 22) Mechanism action of Atropine , includes all the following Except:
- 1) - copmetitive agonist
 - 2) copmetitive antagonist
 - 3) - Block acetylcholine
 - 4) - Compete with ACh at muscarinic recetors
- 23) All the following are uses of Atropine sulphate , EXCEPT
- 1) - Preanesthetic medications to decrease salivation
 - 2) Anti-spasmodic in mechanical intestinal obstruction
 - 3) - Peptic ulcer disease
 - 4) - Organophosphorus poisoning
- 24) Contraindications of atropine include all the following EXCEPT
- 1) - Cornary artery disease
 - 2) - narrow angle glucoma
 - 3) parkinsonism
 - 4) - hyperthyroidism
- 25) muscarinic side effects of anticholinestrse inhibitors include all the following EXCEPT
- 1) - Increase salivation
 - 2) - Bronchospasm
 - 3) increase heart rate
 - 4) - pupillary constructin
- 26) Glycopyrolate can not cross BBB and is devoid of CNS activity
- 1) .TRUE
 - 2) - .FALSE
- 27) Atracurium is the most common agent causing histamine release .
- 1) .TRUE
 - 2) - .FALSE
- 28) For chronic liver disease and chronic renal disease , the muscle relaxants must be given greater loading dose and smaller maintenanc dose.
- 1) .TRUE
 - 2) - .FALSE
- 29) Neuromuscular blockade of pancuronium is not effect by renal disease
- 1) - .TRUE
 - 2) .FALSE
- 30) Scopolamine is more potent antisialgogue than atropine and causes greater CNS effects
- 1) .TRUE
 - 2) - .FALSE
- 31) long term administration of Rocuronium in ICU may prolong the blockade to several days.
- 1) - .TRUE





- 2) .FALSE
- 32) Rocoronium i.m dose is 1mg/kg for infants and children
- 1) .TRUE
- 2) .FALSE
- 33) Prazocine is selective α_1 blocker
- 1) .TRUE
- 2) .FALSE
- 34) Acute heart failure is one of side effects of propranolol
- 1) .TRUE
- 2) .FALSE
- 35) The longest acting of β blockers agents is atenolol.
- 1) .TRUE
- 2) .FALSE

