

# ***General surgery***



**Plastic rotation** - Past papers

***Done by: Malek Abu Rahma***

-The **colored question numbers** are mentioned more than once so focus on them-



# Plastic rotation

**1. Concerning erysipelas, all of the following statements are wrong, EXCEPT:**

- A) Is caused by staphylococcus.
- B) Is typically painless.
- C) Is effectively treated by penicillin.
- D) Hands are mainly involved.
- E) The lesion has ill-defined flat edge.

**ANSWER : C**

**2. A woman aged 30 years has an indurated, suppurating, painful, diffuse mass in the skin and subcutaneous tissues of both axillae and left groin. The most likely diagnosis is:**

- A) Carbuncles
- B) Mycosis fungoides
- C) Hidradenitis suppurativa
- D) Infected epidermoid cyst
- E) Actinomycosis

**ANSWER : C**

**3. Regarding the degree of burn injury, all of the following statements are true EXCEPT:**

- A) Burns assessed initially as first degree may change to second degree burn on the next day.
- B) Full-thickness burn is characterized by thrombosed dermal vessels.
- C) The degree of burn determines the systemic management of the burn victim.
- D) The second degree burned skin is blanching to pressure.
- E) In the face skin appendages may extend to subcutaneous tissues.

**ANSWER : C**

**4. The best management of 7x7 cm hemangioma on the trunk of 8 month old infant is:**

- A) Systemic steroid therapy
- B) LASER
- C) Surgical excision
- D) Embolization
- E) Observation

**ANSWER : E**



# Plastic rotation

5. The following statements regarding malignant melanoma are true, EXCEPT:

- A) Dysplastic or atypical nevi are precursor lesions for malignant melanoma.
- B) Hereditary melanoma shows AD transference with variable penetrance.
- C) Melanoma with unknown primary mostly presents with nodal metastasis.
- D) Thin melanoma means thickness of less than 1mm.
- E) Chemotherapy is treatment of choice for In situ melanoma.

**ANSWER : E**

6. The following are precursor lesions for squamous cell carcinoma EXCEPT:

- A) Keratoacanthoma.
- B) Leukoplakia.
- C) Bowen's disease.
- D) Actinic Keratosis.
- E) Chronic ulcers.

**ANSWER : E**

7. Wasting of the intrinsic/small muscles of the hand can be expected following injury to:

- A) Radial nerve
- B) Brachial nerve
- C) Ulnar nerve
- D) Median Nerve
- E) Axillary nerve.

**ANSWER : C**

8. Which of the following characteristics best distinguishes keloid scar tissue from hypertrophic scar tissue?

- A) Collagen fibers parallel to the direction of wounding
- B) Extension beyond original scar
- C) Improved by surgical excision alone
- D) Increased fibroblast density
- E) Location on flexor surfaces and areas of motion

**ANSWER : B**



# Plastic rotation

9. The following are causes of compartment syndrome of extremities EXCEPT:

- A) Fractures.
- B) Superficial partial thickness burns circumferential.
- C) High pressure injection injuries.
- D) Hemorrhage into compartment.
- E) Snake bites.

**ANSWER : B**

10. A 16 year-old boy presented to emergency room with a tender red and fluctuant swelling in the right forearm of 2 days duration. He reported a pencil-stick injury at the site of swelling one week ago. The most likely diagnosis is:

- A) Abscess
- B) Lymphangitis
- C) Cellulitis
- D) Clostridium tetani
- E) Gas gangrene

**ANSWER : A**

11. Which of the following statements regarding cellulitis is TRUE?

- A) This is non-suppurative spreading infection of the skin.
- B) It is rarely caused by wounds.
- C) It is commonly caused by staphylococci.
- D) Gram negative organisms do not cause cellulitis.
- E) Penicillin is an effective treatment

**ANSWER : E**

12. Which of the following is the commonest site for venous ulcer?

- A) Foot
- B) Lower 1/3 leg and ankle
- C) Lower 2/3 of leg
- D) Middle 1/3 of leg
- E) Upper 1/3 of leg

**ANSWER : B**



# Plastic rotation

**13. Regarding the assessment of the degree of burn injury, all of the following statements are true, EXCEPT:**

- A) Burns assessed initially as first degree may change to second degree burn on the next day.
- B) Full-thickness burn is characterized by thrombosed dermal vessels.
- C) The degree of burn determines the systemic management of the burn victim.
- D) Second degree burned skin is blanching to pressure.
- E) In the face skin appendages may extend to subcutaneous tissues.

**ANSWER : C**

**14. Regarding cleft palate, all of the following statements are true, EXCEPT:**

- A) Hearing loss is secondary to ear infections.
- B) The newborn has abnormal swallowing.
- C) Early repair is associated with abnormal facial growth.
- D) It results from failure of palatal shelves to meet in the mid-line.
- E) Palatal muscles are abnormally inserted.

**ANSWER : B**

**15. The best management of 7X7 cm hemangioma on the trunk of 8 month old infant is:**

- A) Systemic steroid therapy
- B) LASER
- C) Surgical excision
- D) Embolization
- E) Observation

**ANSWER : E**

**16. The dominant type of collagen in tendon is?**

- A) Type I.
- B) Type II.
- C) Type V.
- D) Type IV.
- E) Type III.

**ANSWER : A**



# Plastic rotation

17. A patient with grossly contaminated wound presents 12 hours after an accident, his wound should be managed by:

- A) Thorough cleaning and primary repair
- B) Thorough cleaning with debridement of all dead and devitalized tissue without primary closure
- C) Primary closure over a drain
- D) Covering the defect with split skin graft after cleaning
- E) Covering it with a full thickness skin graft

**ANSWER : B**

18. The tensile strength of the wound starts and increases after:

- A) Immediate suture of the wound
- B) 3-4 days
- C) 7-10 days
- D) 2-3 weeks
- E) 6 months

**ANSWER : B**

19. A 30-year-old woman who is morbidly obese is admitted to the burn unit with partial-thickness burns on 40% of the total body surface area involving the trunk and lower extremity. Maintenance of which of the following is the most appropriate measure to guide proper fluid management of the patient?

- A) Arterial systolic pressure greater than 90 mmHg
- B) Cardiac output greater than 5 L/min
- C) Mean arterial pressure greater than 55 mmHg
- D) Pulse rate less than 120 bpm
- E) Urinary output of 0.5 mL/kg/h

**ANSWER : E**

20. The vitamin which has inhibitory effect on wound healing is :

- A) vitamin C
- B) Vitamin D
- C) vitamin A
- D) vitamin E
- E) vitamin B complex

**ANSWER : E**



# Plastic rotation

## 21. Wrong about melanoma:

- A) Ocular melanomas metastasize to cervical lymph nodes
- B) Acral lentiginous melanoma is the most common type in blacks

**ANSWER : A**

## 22. Wrong about electrical burns:

- A) Hypokalemia is common
- B) High voltage >> severe damage
- C) Damage is proportional to tissue resistance

**ANSWER : A**

## 23. Pressure ulcer which is wrong?

- A) Stage 1 pressure ulcer is blanchable skin after 1 hour of removing pressure
- B) All are colonized with bacteria
- C) Repair by debridement and skin graft usually works

**ANSWER : C**

## 24. About erysipelas, all are true except :

- A) caused by group A strep
- B) painful
- C) red, flat, skin lesion
- D) face is common site
- E) treated with penicillin

**ANSWER : C**



# Plastic rotation

25. Most potent inflammatory mediator :

- A) cytokines
- B) prostaglandins
- C) interferon
- D) TGF
- E) leukotrienes

**ANSWER : A**

26. Not a common site of BCC:

- A) upper lip
- B) cheek skin
- C) lower lip
- D) around the eye

**ANSWER : C**

27. SCC which is wrong:

- A) keratoacanthoma may resemble SCC clinically
- B) ulcerative type is aggressive and highly locally invasive
- C) 50% of leukoplakia eventually turn into SCC
- D) HPV and HSV skin lesions have tendency to turn into SCC

**ANSWER : C**

28. All are true about soft tissue sarcoma

- A) fibrosarcoma is resistant to chemo and radio
- B) soft tissue sarcoma has capsule that we shouldn't remove during surgery
- C) 50% in extremities

**ANSWER : B**



# Plastic rotation

**29. Most common of cleft lip and palate is:**

- A) unilateral isolated incomplete cleft lip
- B) unilateral isolated cleft lip and alveolus
- C) cleft palate
- D) unilateral complete cleft lip
- E) combined cleft lip and palate

**ANSWER : E**

**30. 11 month old infant, weighs 10kg, has a 20% TBSA burn, what is the fluid therapy to give:**

- A) 4ml/kg/1%TBSA RL
- B) 3ml/kg/1% TBSA RL + D5W for maintenance

**ANSWER : A**

**31. Not premalignant skin lesion :**

- A) seborrheic Keratosis
- B) erythroplakia
- C) sebaceous nevus of jadassohn
- D) albinism
- E) actinic(=solar) keratosis

**ANSWER : A**

**32. All of the following are associated with increased requirements of fluid resuscitation except:**

- A) patient with inhalational injury
- B) electrical burn
- C) infant
- D) slim patient

**ANSWER : D**



# Plastic rotation

**33. all true for pressure sores except :**

- A) Moisture decrease ischemia
- B) caused by pressure >32 mm Hg
- C) affects the sacrum and heels mostly
- D) ischemia related to stretching of the underlying vessels

**ANSWER : A**

**34. wrong about grafts:**

- A) graft neovascularization occurs in 2-3d
- B) grafts on escahrs have poor take
- C) grafts on bones (or something similar) have poor take
- D) meshed grafts have poorer take than non-meshed
- E) blanching is a sign of take

**ANSWER : D**

**35. Wrong about wound healing:**

- A) collagen type 1 is the most common in wound healing
- B) inflammatory phase begins directly and continue for 2-3 days
- C) source of epithelization mainly from wound edges
- D) decrease of neovascularization in remodeling phase
- E) scar vascularity is decreased in remodeling Phase

**ANSWER : C**

**36. All are accepted in the management of tetanus except :**

- A) give antibiotic
- B) large dose of tetanus toxoid
- C) convulsion control
- D) give human tetanus immunoglobulin
- E) debridement of the wound

**ANSWER : C\***



# Plastic rotation

**37. full thickness vs partial thickness true except:**

- A) FTSG is associated with better take
- B) to be used at exposed joints

**ANSWER : A**

**38. head and neck in infant TBSA:**

- A) 14%
- B) 16%
- C) 19%

**ANSWER : C**

**39. which cell doesn't play a role in the healing of cleaned excised wound :**

- A) PMNls
- B) myofibroblasts.
- C) Macrophages

**ANSWER : A**

**40. cleft palate, which is wrong:**

- A) hearing loss due to recurrent ear infections
- B) palatal muscles are wrongly inserted
- C) early repair is associated with facial growth problem
- D) problem in swallowing
- E) caused by failure of palatal process meet at the midline

**ANSWER : D**



# Plastic rotation

**41. Wrong about 3rd degree burn:**

- A) skin will blanch upon pressure
- B) painless skin

**ANSWER : A**

**42. Most imp. Contributing factor to pressure sore:**

- A) Pressure
- B) Infection

**ANSWER : A**

**43. All about wound healing is true Except:**

- A) 70-80% of strength can be maintained
- B) Collagen III replace collagen I
- C) PMN add to tensile strength in wound repair
- D) All stages of wound repair are affected by infection, malnutrition etc. ...
- E) epithelization at first 2 day help to conserve fluids

**ANSWER : B**

**44. All are true about skin tumors except:**

- A) BCC is more common than SCC
- B) pigmented BCC can mimic malignant melanoma
- C) exophytic BCC is more aggressive than ulcerative
- D) lentigo maligna involves head and neck of elderly
- E) prognosis of malignant melanoma is affected by depth of invasion

**ANSWER : C**



# Plastic rotation

45. Anthrax is caused by :

- A) bacteria
- B) fungus
- C) virus

**ANSWER : A**

46. Cellulitis, all are true except:

- A) mostly in lower limb
- B) fever chills are uncommon
- C) caused by strep pyogens
- D) lymphangitis is a complication

**ANSWER : B**

47. All are true regarding neurofibromatosis except:

- A) autosomal recessive
- B) >5 café au lait

**ANSWER : A**

48. Child presented with burn involving head and right upper limb % is:

- A) 18%
- B) 9%
- C) 27%
- D) 36%

**ANSWER : C**



# Plastic rotation

**49. All occur in burn pt except:**

- A) hyperkalemia
- B) + nitrogen balance
- C) Dehydration
- D) Abn. Lipid metabolism
- E) Increase in energy production

**ANSWER : B**

**50. Chemical burn best management:**

- A) identify the agent
- B) neutralize the agent
- C) irrigate with large amount of water.
- D) give antibiotic

**ANSWER : C**

**51. Malignant melanoma most common is:**

- A) superficial
- B) nodular

**ANSWER : A**

**52. Skin graft :**

- A) the thicker the best take
- B) the thinner the faster healing
- C) the thicker the easier the growth of hair follicles

**ANSWER : B**



# Plastic rotation

53. A patient with 40% burn and poor management, his death within 84 hours would most probably be due to:

- A) hypokalemia and cardiac shock
- B) sepsis
- C) cardiovascular collapse
- D) renal failure

**ANSWER : B**

54. The best indicator of resuscitation in burn pt is:

- A) urine output
- B) serial PCV
- C) CVP

**ANSWER : A**

55. 38yr old pt 60 kg 50% TBS bum the best rate of fluid administration is•

- A) 750 ml/hr
- B) 450 ml/hr
- C) 1000 ml/hr
- D) 600 ml/hr

**ANSWER : A**

56. Expanded mesh grafts have advantages over sheet grafts in all except:

- A) allow epithelium growth
- B) over irregular surfaces
- C) earlier in healing
- D) better for donor healing

**ANSWER : D**



# Plastic rotation

57. The following statements regarding acute burns are true EXCEPT:

- A) Bronchopneumonia is the leading cause of death
- B) Electric burns need more fluids than other types of burns.
- C) Bacterial endocarditis is on increase due to the use of invasive techniques.
- D) Escharotomy should be performed in deep circumferential burn of extremities within 6-8 hrs post burn.
- E) Intestinal feeding should be delayed till 5th day post burn.

**ANSWER : E**

58. The following statements regarding pressure ulcers are true, EXCEPT:

- A) If tissue pressure is greater than 32mm Hg circulation decreases leading to ischemia.
- B) Muscle necrosis appears earlier than skin necrosis due to higher metabolic demands.
- C) All pressure ulcers are colonized with bacteria.
- D) Skin graft is the best method for pressure ulcer closure.
- E) Nutritional support is mandatory for patients with pressure ulcers.

**ANSWER : D**

59. Deficiency of which of the following vitamins influence wound healing?

- A) Vitamin A
- B) Vitamin B6
- C) Vitamin B12
- D) Vitamin C
- E) Vitamin D

**ANSWER : D**

60. Following excision of a squamous cell carcinoma from the scalp, there was a 5x5 cm residual defect with exposed cranium, the best way to cover this defect is:

- A) Full-thickness skin graft
- B) Local flap
- C) Delayed primary closure.
- D) Split-thickness skin graft
- E) Healing by secondary intention

**ANSWER : B**



# Plastic rotation

**61. The best management of 3x3 cm hemangioma on the cheek of 8-month-old infant is:**

- A) Expectant observation
- B) Systemic steroid therapy.
- C) Embolization
- D) LASER
- E) Surgical excision

**ANSWER : A**

**62. Order of regain of sensory function:**

- A) Temperature, pain, light touch.
- B) light touch, pain, temperature.
- C) pain, light touch temperature.
- D) pain, temperature, light touch.

**ANSWER : C\***

**63. Wrong about fluids in burns:**

- A) UOP in children should be maintained at 1-2 mL/kg/hr
- B) Colloids are given later
- C) High hemoglobin indicates fluid overload

**ANSWER : C**

**64. All need good irrigation except :**

- A) sodium metal
- B) KOH
- C) calcium hydroxide .
- D) chromium acid

**ANSWER : C**



# Plastic rotation

**65. About inhalational injury, false:**

- A) best way to diagnose is flexible fiberoptic laryngoscopes ?
- B) in CO poisoning pulse oximeter is not reliable

**ANSWER : A**

**66. All true about use of escherectomy and early graft of burn, except:**

- A) increase incidence of sepsis
- B) decrease hospital stay
- C) decrease negative nitrogen balance
- D) less contracture

**ANSWER : A**

**67. Vascular malformation, false:**

- A) AVM are low flow lesions
- B) capillary malformation result in seizure in brain

**ANSWER : A**

**68. Regarding total body water content, true:**

- A) Decrease steadily with age
- B) More in females and obese
- C) Less water content with increased muscle bulk
- D) Wide physiological variation in water content in the single person

**ANSWER : A**



# Plastic rotation

69. All are important initial management in a patient with flame burn to restore the borderline area of ischemia except:

- A) Keep urine output above 2cc/kg/hr"
- B) Put the legs in dependent position??
- C) You need good fluid replacement to maintain perfusion
- D) Good oxygenation should be provided to the patient

**ANSWER : B**

70. Cleft palate, wrong:

- A) Swallowing is normal
- B) Hearing loss due to infections
- C) Delayed repair leads to facial deformity
- D) due to failure of fusion of palatine shelves

**ANSWER : C**

71. Which is true about fluids:

- A) fourth of extracellular fluids is plasma
- B) extracellular fluids 40% of body weight

**ANSWER : A**

72. Farmer with upper lip mass, pearly with central ulcer:

- A) BCC
- B) sec
- C) melanoma

**ANSWER : A**



# Plastic rotation

73. Which one of the following cases will cause the most increase in basal metabolic needs:

- A) 50% burn patient
- B) Major trauma patient.
- C) narcotizing pancreatitis

**ANSWER : A**

74. Which one of the following is not a contraindication to enteral feeding?

- A) Severe diarrhea resistant to medical therapy.
- B) 180 cm

**ANSWER : B**

75. 3rd degree burn and 3rd space loss... one is false:

- A) Cause edema in places other than burn
- B) increased hb means fluid overload

**ANSWER : B**

76. Melanoma prognostic factor:

- A) depth
- B) size

**ANSWER : A**



# Plastic rotation

77. Regarding necrotizing fasciitis, all of the following statements are true, EXCEPT:

- A) Most commonly caused by (flesh-eating) streptococci
- B) Immuno-suppression is present in the majority of cases
- C) Hemorrhagic bullae are evidence of skin necrosis
- D) Early aggressive debridement is the only hope for survival
- E) The muscles are characteristically spared.

**ANSWER : E**

78. Regarding zone of ischemia (injury zone), all of the following are true, EXCEPT:

- A) Tissues are not devitalized initially.
- B) Tissues can progress irreversibly to necrosis.
- C) Over-resuscitation can increase the tissue damage.
- D) Under-resuscitation can increase the tissue damage.
- E) Limbs should be dependent to improve circulation.

**ANSWER : E**

79. A 25 year old man presented to you with 3 cm lacerated wound with minimal skin loss on the right ear inflicted by human bite, the best method of repair is:

- A) Primary closure
- B) Skin graft
- C) To allow healing by secondary intention.
- D) Delayed primary closure.
- E) Delayed skin graft.

**ANSWER : D**

80. In managing electrical burns, all of the following are true, EXCEPT:

- A) Dark red urine should be managed by hydration.
- B) Fluid resuscitation is based on Parkland's formula.
- C) Patients may have bone fractures.
- D) Limb vascularity should be evaluated.
- E) Patients suffer massive hidden muscle burn.

**ANSWER : B**



# Plastic rotation

81. Regarding skin graft take, all of the following statements are true EXCEPT:

- A) Graft take does not occur over eschar.
- B) Neovascularization of the graft occurs in 7 days.
- C) Graft take is poor over cortical bone.
- D) Meshed grafts take is better than non-meshed grafts.
- E) Graft take is poor on lower limbs compared with face.

**ANSWER : B**

82. The following statements regarding tissue expansion are true, EXCEPT:

- A) Creation of additional tissue.
- B) Increased vascularity of tissues.
- C) The epidermis becomes thinner with tissue expansion.
- D) Formation of capsule around the expander by foreign body reaction.
- E) Caution with patients with irradiated skin.

**ANSWER : C**

83. A 33 y/o female involved in a house fire, sustained burn to bilateral lower extremities anterior torso entire left upper limb and her genitalia, approximately what percentage of the Total body surface area is burned?

- A) 64%
- B) 36%
- C) 46%
- D) 72%
- E) 54%

**ANSWER : A**

84. The transfer of tissue between genetically identical twins is called:

- A) Autograft
- B) Xenograft
- C) Allograft
- D) Isograft
- E) Composite graft

**ANSWER : D**



# Plastic rotation

85. Which of the following statements is correct regarding basal cell carcinoma (BCC)?

- A) The skull provides an effective barrier to invasion of basal cell carcinoma.
- B) Radiation therapy and surgical excision have similar cure rates.
- C) Flap reconstruction after excision of a basal cell carcinoma will not significantly delay the diagnosis of recurrence.
- D) Histiocytosis X will increase the risk of BCC.
- E) Caucasian Europeans and Mediterranean races have about the same rate of basal cell carcinoma.

**ANSWER : B\***

86. Which of the following statements regarding pilonidal sinus is TRUE?

- A) Hair is rarely found in the sinus.
- B) It is more common in women
- C) It is congenital in most cases.
- D) The primary opening is always in the midline
- E) Is more common in blacks.

**ANSWER : D**

87. Which one of the followings is a good predictor for spontaneous closure of enterocutaneous fistula?

- A) Previous radiation therapy
- B) Presence of underlying abscess
- C) Long fistula tract
- D) Short fistula tract
- E) Presence of foreign body in the fistula tract

**ANSWER : C**

88. What is the most common organism to cause burn sepsis?

- A) E. coli.
- B) Pseudomonas.
- C) Group A Streptococci.
- D) Enterococcus.
- E) Staph. Epidermidis.

**ANSWER : B**



# Plastic rotation

89. Compared with split-thickness skin graft, full-thickness skin grafts have all of the following, EXCEPT:

- A) Can cover only limited areas.
- B) Donor sites are usually closed primarily.
- C) They have better final sensation
- D) Result in more successful graft take.
- E) Ideal coverage over joints.

**ANSWER : D**

90. Regarding high voltage electric burns, all of the following statements are true EXCEPT:

- A) May be associated with decreased level of consciousness.
- B) May cause cardiac arrest.
- C) Affects muscles more than skin.
- D) May be associated with dark urine.
- E) Fluid resuscitation depends on Parkland's formula.

**ANSWER : E**

91. Regarding the management of burns, All of the following statements are true, EXCEPT:

- A) Prophylactic antibiotics decrease incidence of burn sepsis.
- B) Intra-venous fluid resuscitation is not indicated in an adult with 10% full-thickness burn.
- C) Superficial second degree burns heal usually within 1-2 weeks.
- D) Spontaneous separation of the eschar is done by bacterial enzymes.
- E) Limbs with third degree burns are usually complicated by contractures if not grafted.

**ANSWER : A**

92. The most common cancer of the ear is:

- A) Malignant melanoma.
- B) Basal cell carcinoma (BCC).
- C) Squamous cell carcinoma (SCC).
- D) Metastatic deposits.
- E) Adnexal tumour.

**ANSWER : B or C?**



# Plastic rotation

93. All are true regarding keloid EXCEPT:

- A) Grows beyond wound margin
- B) Excess collagen deposition
- C) Precancerous leading to cancer
- D) More common in female
- E) Blacks are at high risk

**ANSWER : C**

94. Which of the following is the most important prognostic factor for soft-tissue sarcomas?

- A) Histological subtype.
- B) Grade.
- C) Age at presentation.
- D) Necrosis.
- E) Co-morbidities.

**ANSWER : B**

95. According to Parkland formula, a 50-kg adult patient involved in flame burn, had third degree of the right lower limb, second degree burn to the right upper limb and first degree burn to the left upper limb. He should receive in the first 8 hours:

- A) 3600 cc Ringer's lactate
- B) 7200 cc Ringer's lactate.
- C) 2700 cc Ringer's lactate.
- D) 5400 cc Ringer's lactate.
- E) 1800 cc Ringer's lactate.

**ANSWER : C**

96. Wrong about compartment syndrome:

- A) Fasciotomy of all affected compartments
- B) Absent pulse is an early sign(it is very late)

**ANSWER : B**



# Plastic rotation

97. About burns, all are true except:

- A) 2nd degree burns usually treated by skin grafts
- B) 3rd degree burn causes loss of the tissue elasticity

**ANSWER : A**

98. 8 month old baby with hemangioma on his upper eyelid obstructing the eye, management?

- A) Laser
- B) Steroids
- C) Surgery
- D) Observation
- E) Embolization

**ANSWER : B**

99. Wrong about excessive wound healing:

- A) Keloid doesn't improve with time
- B) number of fibroblast in keloid and hypertrophic is more than normal ulcers

**ANSWER : B**

100. Most common soft tissue sarcoma ?

- A) rhabdomyosarcoma
- B) leiomyosarcoma
- C) fibrosarcoma
- D) liposarcoma

**ANSWER : C (fibrosarcoma according to Michigan Manual of Plastic Surgery, some sources say its leiomyosarcoma, others say liposarcoma, American cancer society says undifferentiated pleomorphic sarcoma previously called malignant fibrous histiocytoma)**



# Plastic rotation

101. All contribute to bad wound healing except :

- A) old age
- B) radiation
- C) continuous pressure
- D) immunosuppression
- E) edema

**ANSWER : A**

102. Graft is not applicable if the recipient area is infected with:

- A) p.aeruginosa
- B) staph A
- C) Group A strep
- D) ecoli
- E) klebsiella

**ANSWER : C**

103. Wrong about BCC:

- A) most common type is nodular
- B) morphea is the highest type of recurrence
- C) young age is risk factor
- D) locally invasive

**ANSWER : C**

104. Wrong about melanoma :

- A) less and better prognosis in females
- B) most common type is superficial spreading
- C) nodular type is poor prognosis
- D) radiotherapy is the mainstay of treatment

**ANSWER : D**



# Plastic rotation

## 105. Wrong about cleft lip and palate:

- A) isolated cleft lip has incidence of 0.5/1000 live births
- B) cleft lip is more common in female
- C) eustachian tube dysfunction is due to poor insertion of palatine muscle
- D) most common side effect of cleft repair is fistula

**ANSWER : B**

## 106. Wrong about hyperproliferative wound healing:

- A) equal in males and females
- B) keloid is more common in blacks
- C) keloid scar has TGF-beta
- D) hypertrophic scar increased with older age

**ANSWER : D**

## 107. About burn management all are true except:

- A) bronchogenic pneumonia is the most common cause of death
- B) CO poisoning is treated with 100% O<sub>2</sub>
- C) causes hyponatremia and hyperkalemia
- D) 1% sulfadiazine is a topically applied antibiotic that has spectrum against gram +ve & -ve bacteria
- E) the initial objective of treating chemical burns is to neutralize them

**ANSWER : E**

## 108. Concerning chemical burns, what's wrong :

- A) deeper penetration and more damage to tissue due to longer action
- B) acids produce a barrier that limit their destructive effect due to coagulative necrosis
- C) acids produce less damage than alkali
- D) alkali produce liquefactive necrosis
- E) management is irrigation by water for 30 mins for alkali

**ANSWER : E**



# Plastic rotation

109. TBSA can predict all of the following except:

- A) mortality and morbidity
- B) sepsis
- C) Joint contracture
- D) time for healing

**ANSWER : C**

110. Most important cell in wound healing :

- A) neutrophil
- B) macrophage
- C) fibroblast
- D) lymphocyte
- E) endothelial

**ANSWER : B**

111. Most effective for frost bite:

- A) Rapid warming ( 42 C)
- B) Heparin
- C) Hyperbaric oxygen
- D) sympathectomy
- E) Thromboxane

**ANSWER : A**

112. about vascular malformation, all true except;

- A) capillary malformation are confined to specific nerve distribution on the face
- B) arterial malformation are mostly symptomatic
- C) arteriovenous malformation in the limb can cause steal syndrome
- D) hemangioma need no intervention and reassurance in all cases

**ANSWER : D**



# Plastic rotation

113. all are clinical types of BCC except:

- A) nodular
- B) cystic
- C) subcutaneous
- D) pigmented
- E) ulcerated

**ANSWER : C**

114. all decreases collagen synthesis except :

- A) hypoxia
- B) anemia
- C) protien depletion
- D) infection

**ANSWER : D**

115. all about burn is true except:

- A) diagnosed as first degree in the first day then turned to be 2nd degree on the following day.
- B) degree of burn affects the systemic menagement of burns

**ANSWER : B**

116. which cell produce TN F-a:

- A) activated t lymphocyte
- B) monocyte
- C) damaged endothelial cells
- D) fibroblasts

**ANSWER : B**



# Plastic rotation

**117. One of the following is wrong regarding acute inflammation:**

- A) Capillary dilatation causes erythema of skin
- B) Capillary leakage due to increase hydrostatic pressure
- C) Capillary dilation causes increase permeability
- D) Arteriolar dilatation causes hotness of skin

**ANSWER : C**

**118. Wrong about ulcer:**

- A) The margin in the area immediately surrounding the ulcer
- B) The edge is the relationship of the ulcer with the skin
- C) Floor is what we see
- D) The base is what lies underneath
- E) Biopsy is best taken from the center of the ulcer

**ANSWER : E**

**119. Which of the following is true regarding skin:**

- A) epidermis is vascular
- B) collagen is produced by angiogenesis
- C) epidermis is 20% of the skin
- D) skin appendages are mesodermal
- E) Collagen increases the tensile strength

**ANSWER : E**

**120. most common cause of death in burn patients?**

- A) inadequate resuscitation
- B) pneumonia

**ANSWER : B**



# Plastic rotation

121. A person 20 year old 80 kg, 40% burn. which of the following is the correct fluid resuscitation in first 24 hours:

- A) 6400 RL first 8 hrs and 6400 RL next 16
- B) 6400 RL first 12 hrs and 6400 RL next 12
- C) 6400 NS first 12 hrs and 6400 RL next 12
- D) 6400 NS first 8 hrs and 6400 NS next 16
- E) 6400 RL first 8 hrs and 6400 RL next 16 +maintenance GW 5%

**ANSWER : A**

122. Wrong about hypertrophic and keloid scars:

- A) caused by excessive inflammatory response
- B) treated by surgical resection
- C) mast cells present in both
- D) keloid inherited sometimes as autosomal dominant
- E) keloid extend beyond the border

**ANSWER : B**

123. Which of the following is wrong regarding carbuncles:

- A) common in DM
- B) not common in face
- C) has multiple sinuses

**ANSWER : C**

124. Hydradenitis suppurative , all are true except:

- A) potential for malignancy
- B) infection in eccrine gland
- C) mostly in axilla

**ANSWER : B**



# Plastic rotation

**125. The best indication in burn pt that he's resuscitated is :**

- A) Urine output
- B) Serial PCV
- C) CVP

**ANSWER : A**

**126. In patient with 40 % burn, do all except:**

- A) Dressing
- B) IV colloid initial fluid management
- C) IV saline initial fluid management

**ANSWER : B**

**127. Child with cleft lip and palate:**

- A) close lip at 3 months, palate 6 months
- B) close lip at 3 months, palate 18 months
- C) close at same time at 15 months

**ANSWER : B**

**128. Regarding ulcer ,all except**

- A) the base is what we feel
- B) margin is skin adjacent
- C) edge is attachment of the ulcer to skin
- D) floor is what we see
- E) best biopsy is from the content

**ANSWER : E**



# Plastic rotation

**129. All cause delayed wound healing except:**

- A) decreased albumin
- B) Cushing
- C) decreased vitB12
- D) uremia
- E) hypothermia

**ANSWER : C**

**130. About wound healing:**

- A) keloid and hypertrophic are similar
- B) collagen III is most important
- C) soluble factors
- D) epithelialization occurs within 24 to 48 hours

**ANSWER : D**

**131. BCC commonest site**

- A) lower lip
- B) nose
- C) leg
- D) trunk
- E) forehead

**ANSWER : B**

**132. In wound healing all true except:**

- A) Fibronectin acts as a scaffold
- B) Monocytes are essential
- C) In maturation phase collagen I and II become in 1: 1 ratio

**ANSWER : C**



# Plastic rotation

**133. UV light and skin CA , except:**

- A) Bcc more than scc
- B) More in Europeans than Mediterranean
- C) immunosuppression is a RF
- D) UV band b is responsible for most cancers
- E) UV band cis responsible for clinically significant Ca

**ANSWER : C\***

**134. The following statements regarding management of frost bite are true EXCEPT:**

- A) Rewarming in a moving water bath heated to 40oC.
- B) Avoid friction.
- C) Keep the injured part elevated and at room temperature.
- D) Prophylactic antibiotics.
- E) Tetanus prophylaxis based on patient's immunization history.

**ANSWER : D**

**135. Regarding the dermis, one of the following is TRUE:**

- A) It develops from the ectoderm.
- B) It is largely a single layer of dense regularly arranged connective tissue connective tissue.
- C) It contains accessory structures, such as sweat glands, hair follicle and sebaceous glands.
- D) Its superficial layer is formed by a stratified squamous epithelium.
- E) Underneath, it is supported by epidermis.

**ANSWER : C**

**136. In high voltage electrical burns to an extremity, which is true?**

- A) IV fluid calculations same as thermal burns
- B) Antibiotic prophylaxis is required.
- C) More than 10000 volts
- D) Evaluation for fracture of the extremities is indicated
- E) More chances of large skin burns

**ANSWER : D**



# Plastic rotation

**137. Compared with split-thickness skin graft, full-thickness skin grafts have all of the following, EXCEPT:**

- A) Less wound contraction
- B) More durable
- C) Better final sensation
- D) Better sebaceous gland's function
- E) More successful take.

**ANSWER : E**

**138. A 50 kg adult man with scald burn of both lower limbs, should receive in first 8h:**

- A) 1800 ringer lactate
- B) 2700 ringer lactate
- C) 3600 ringer lactate
- D) 1350 ringer lactate
- E) 7200 ringer lactate

**ANSWER : C**

**139. Flaps compare to grafts in all of the following except:**

- A) used over joints.
- B) closure of donor area by primary intention.
- C) better vascularity.
- D) better sensation.
- E) more likely to take successfully

**ANSWER : B**

**140. A patient with an abscess in the pulp of his thumb, best next step:**

- A) incision
- B) observation
- C) antibiotics

**ANSWER : A**



# Plastic rotation

**141. About skin , what is correct**

- A) skin appendages are mesodermal in origin
- B) epidermis is 20% of skin
- C) collagen cross-linkage provides tensile strength

**ANSWER : C**

**142. Electrical burn, wrong:**

- A) injury result from thermal and non thermal injury
- B) high voltage is above 1000 V
- C) elevated cr, CPK indicate massive injury ?
- D) PET scan be used as a quick measure to accurately estimate tissue injury ?
- E) myoglobinuria result in kidney injury

**ANSWER : D**

**143. All help to prevent enlargement of zone of ischemia except:**

- A) good fluid resuscitation
- B) urine output maintained above .5 ml/kg/hr
- C) leg dependency to improve blood supply

**ANSWER : c**

**144. The most common cause of poor graft take:**

- A) Vascular degeneration
- B) Infection
- C) Hematoma formation
- D) Sheering forces

**ANSWER : A**



# Plastic rotation

**145. TNF- $\alpha$ , all are true except:**

- A) It acts as an anticoagulant when present inside the circulation
- B) Acts as angiogenic factor during wound healing
- C) Secreted by inflammatory cells and cancer cells
- D) Release is stimulated by IL 1

**ANSWER : A**

**146. Compartment syndrome pressure to do fasciotomy:**

- A) 5
- B) 10
- C) 15
- D) 40
- E) 60

**ANSWER : D**

**147. About skin, true:**

- A) Collagen imparts tensile strength
- B) Epidermis is vascular
- C) Skin appendages are mesodermal
- D) Epidermis is more than 20%

**ANSWER : A**

**148. Tip of thumb, 1 cm amputation, no bone is exposed, best management:**

- A) Full thickness graft
- B) Partial thickness graft
- C) cross finger flap
- D) cross abdomen flap

**ANSWER : A**



# Plastic rotation

**149. Melanoma, pt had undergone excision, why do we need to follow him up;**

- A) for local recurrence
- B) for lymph node mets
- C) for systemic mets
- D) Intransient metastasis

**ANSWER : D**

**150. All are true regarding skin tumors except**

- A) Morphea type basal cell carcinoma low recurrence
- B) nodular basal cell carcinoma is the most common
- C) lentigo maligna is found on head and neck
- D) nodular melanoma is the most aggressive one

**ANSWER : A**

**151. A patient presented to the ER with human bite in the ear 5 cm in length. Minimal tissue loss. What's the best management:**

- A) Delayed closure with a graft.
- B) Immediate grafting.
- C) primary closure.
- D) Delayed primary closure
- E) Secondary.

**ANSWER : D**

**152. TNF, wrong is :**

- A) secreted by inflam cells and turner
- B) stimulate IL 1
- C) causes cachexia
- D) anticoagulant
- E) play a role in angiogenesis Top of Form

**ANSWER : D**



# Plastic rotation

153. Which of the following are places where pressure sores rarely occur?

- A) Sacrum
- B) Elbow
- C) heel
- D) Forehead
- E) Trochanter

**ANSWER : D**

154. Regarding electrical burns, which one of the following is considered as High Voltage?

- A) 500
- B) 110
- C) 1000
- D) 220

**ANSWER : C**

155. Regarding crushed wound, which of the following is contraindicated in management?

- A) Primary closure to wound
- B) Irrigation with normal saline
- C) Delay closure to wound
- D) Debridement

**ANSWER : A**

156. A patient with lower leg wound over the tibia, what's the best intervention?

- A) Flap
- B) Full thickness skin graft
- C) Split thickness skin graft
- D) Direct closure

**ANSWER : A\***



# Plastic rotation

157. Burn degree can determine all of the following except?

- A) Mortality rate
- B) Hospital stays
- C) time to heal
- D) mode of healing
- E) joint contracture

**ANSWER : A**

158. Long term management of frostbite?

- A) daily topical steroids
- B) systemic corticosteroids
- C) hyperbaric oxygen
- D) physiotherapy & rehabilitation
- E) cold compressors

**ANSWER : D**

159. Which of the following is the treatment of choice in felon?

- A) incision and drainage
- B) Antibiotics
- C) observe
- D) Excision of fingertip

**ANSWER : A**

160. Which of the following patients doesn't need admission to burn unit?

- A) adult with 10% 2nd degree burn on the back
- B) adult that had a 2% burn in the perineum
- C) man with 1% burn and inhalational injury
- D) adult with 4% full thickness burn on the palm
- E) Suspected child abuse

**ANSWER : A**



# Plastic rotation

161. Dog bite wound, which of the following is wrong?

- A) Irrigation
- B) tetanus vaccine
- C) primary closure
- D) Use of antibiotics

**ANSWER : C**

162. Which of the following heals by regeneration?

- A) skin
- B) Liver
- C) split thickness skin graft
- D) full thickness skin graft
- E) bone

**ANSWER : C\***

163. Wrong about early escharotomy?

- A) less sepsis
- B) less hospital stays
- C) better cosmetics
- D) more catabolism
- E) Early mobilization

**ANSWER : D**

164. True about cleft palate:

- A) Hearing loss is a congenital problem
- B) Repair is by 3 months
- C) Early repair associated with poor speech
- D) Nasogastric tubing is rarely indicated
- E) Cause difficulty in swallowing

**ANSWER : D**



# Plastic rotation

165. Squamous cell carcinoma, what is the test that is diagnostic:

- A) tissue biopsy
- B) fine needle aspiration cytology
- C) US
- D) PET scan

**ANSWER : A**

166. A patient with full thickness 5cm burn on back of the hand, best option:

- A) Full thickness graft
- B) Partial thickness graft
- C) flap
- D) healing by regeneration

**ANSWER : A**

167. Severely burned patient, analgesia is given:

- A) Oral
- B) IM
- C) IV
- D) subcutaneous
- E) intrathecal

**ANSWER : C**

168. Which one of the following is not done to save zone of injury in upper limb burn?

- A) Give Prophylactic antibiotics
- B) Correct anemia
- C) Elevate the limb
- D) Adequate nutrition
- E) Fluid resuscitation

**ANSWER : A**



# Plastic rotation

169. True about cleft palate:

**ANSWER : Secretory otitis media is managed by medical treatment**

170. One of the following can heal by regeneration:

**ANSWER : Partial thickness skin loss**

171. Asymptomatic child presenting with 5cm raised purple lesion on the trunk appeared at the 3-4 week, management?

**ANSWER : Observation**

172. Full thickness compared to partial, wrong?

**ANSWER : More wound contracture**



# Plastic rotation

173. Wound contracture is caused by?

**ANSWER : Myofibroblast**

174. Not seen in electrical burn?

**ANSWER : Skin involvement**

175. Percentage of burn doesn't determine?

**ANSWER : Joint contracture/fibrosis**

176. Best resuscitation parameter in a burn patient?

**ANSWER : Urine output**



# Plastic rotation

177. Crushed wound... not to do?

**ANSWER : Repetitive irrigation with something**

178. Wrong about burn?

**ANSWER : Adults admitted when the percentage is 10%**

179. Trauma patient with GCS of 8, best next step?

**ANSWER : Secure airways**

180. Not indicated in the primary survey?

**ANSWER : Esophageal injury**



# Plastic rotation

181. Wrong about early escharotomy:

**ANSWER : Removed by bacteria**

182. Wrong about cleft palate:

**ANSWER : Hearing loss is congenital**

183. True about wound healing:

**ANSWER : Activation of coagulation cascade**

184. Wrong about vascular anomalies :

**ANSWER : Vascular malformations grows proportionally as a part of the body then involutes at older age**



# Plastic rotation

185. 1 J Parkland formula : pt wt is 50 kg, had bilateral lower limb burn ( full burn) , fluids to be given for 8 hours:

**ANSWER : 3600 ml of ringer lactate.**

186. in cleft palate wrong answer:

**ANSWER : Swallowing defect**

187. Wrong about electrical burn:

**ANSWER : The skin is most affected**

188. SCC all true except :

**ANSWER : marjolin ulcer is less aggressive**



# Plastic rotation

189. pressure sore, which is wrong:

**ANSWER : flaps are associated with minimal recurrence**

190. Wrong about wound healing:

**ANSWER : increase vascularity happens in remodeling phase**

191. Triggering factor for reepithelialization in wound healing:

**ANSWER : loss of contact inhibition**

192. Fixed mass attached to skin all except:

**ANSWER : Fibroadenoma**



# Plastic rotation

193. Burns, true:

**ANSWER : Second degree burn blanches**

194. concerning burns management, which is wrong:

**ANSWER : prophylactic antibiotics decrease mortality**

195. Compartment syndrome

**ANSWER : Fasciotomy**

196. Best way to dx osteomyelitis in pressure ulcer?

**ANSWER : bone biopsy**



# Plastic rotation

197. % in burn affects all except?

**ANSWER : wound healing time**

198. Wrong about thermal burn:

**ANSWER : Smoke inhalation injury best diagnosed with CXR and ABGs**

199. 24-48 hrs in wound healing?

**ANSWER : Neutrophils**

200. What triggers re-epithelialization?

**ANSWER : loss of contact inhibition**



# Plastic rotation

201. Wrong about Escharotomy for Compartment Syndrome:

**ANSWER : not usually done when distal pulses are felt.**

202. Most common type of facial cleft :

**ANSWER : cleft lip & palate together**

203. All are true about cleft palate except :

**ANSWER : late surgical correction leads to facial growth deformities**

204. Compartment syndrome is defined when intercompartmental pressure is above:

**ANSWER : 40mmhg**



# Plastic rotation

205. False:

**ANSWER : nevus of Jadassohn has no malignant potential**

206. Woman with melanoma, which indicates prognosis:

**ANSWER : Depth of invasion**

207. Inhalational injury, all are associated except:

**ANSWER : a need prophylactic antibiotic**

208. Sarcoma with highest lymph node metastases:

**ANSWER : malignant fibrous histiocytoma**



# Plastic rotation

209. All are true in regards to PNS except:

**ANSWER : Hair has minimal role in pathogenesis**

210. A patient presented with a 50 % bum with inhalational injury, all are correct therapeutic interventions except:

**ANSWER : Giving prophylactic antibiotics.**

211. All are true except:

**ANSWER : A patient presenting with a burn due to an alkaline substance should be treated by topical weak acids**

212. Which one of the following is pre malignant:

**ANSWER : sebaceous nevus of jadassohn**



# Plastic rotation

213. What's the meaning of half strength formulary:

**ANSWER : 50% formula with 50% water**

214. Which one of the following is NOT a constituent of ringer lactate:

**ANSWER : Magnesium 5 mg**

215. Management of fluids in a burn patient. USE PARKLAND FORMULA. DO NOT ADD 1<sup>st</sup> DEGREE BURNS TO THE FORMULA :

**ANSWER : 3600 ml in the first 6 hours.**

216. Which of the following is wrong regarding pressure sores:

**ANSWER : Using a wound swap for culture**



# Plastic rotation

217. Which one of the following is wrong regarding felon (paronychia) :

**ANSWER : It's treated by antibiotics**

218. About graft:

**ANSWER : meshed is less intake than non- meshed**

219. Wound healing wrong:

**ANSWER : good healing 40% of original strength**

220. 3rd degree burn wrong :

**ANSWER : blanchable**



اللهم سلم غزاة وأهلها من كل سوء وشر، اللهم انصرهم وثبت أقدامهم وكن لهم ناصرًا ومعينًا

لا تنسوني من صالح دعائكم

**Malek Abu Rahma**

**The End**  
**Good Luck シ**