

第二阶段

作业 9

内容涉及

IACLE 接触镜教材第四册 4.5 和 第五册 5.1 和 5.2 单元

作业 9

仔细阅读题目，将答案写在答题纸上

1. Which of the following slit-lamp illumination techniques could be used to detect the depth of a corneal lesion?
 - a. Direct illumination with an optic section
 - b. Diffuse illumination
 - c. Specular reflection with a parallelepiped
 - d. Tangential illumination

1. 下述哪种裂隙灯照明技术可用于观察角膜病变的深度？
 - a. 光学切面直接照射法
 - b. 弥散照射法
 - c. 平行六面体镜片反射法
 - d. 切线照射法

2. Which one of the following techniques would be MOST useful in assessing the movement and centration of a rigid lens on the eye?
 - a. Direct illumination with an optic section and medium magnification
 - b. Direct retro-illumination at high magnification
 - c. Diffuse illumination at medium magnification
 - d. Marginal retro-illumination at medium magnification

2. 下述哪种方法最适用于评价硬性接触镜在眼内的中心定位和活动度
 - a. 中倍率光学切面直接照射法
 - b. 高倍率直接后照射法
 - c. 中倍率弥散照射法
 - d. 中倍率边缘后照射法

3. On average, the pH of normal human tears is:
 - a. 6.7
 - b. 7.2
 - c. 7.9
 - d. 8.5

3. 正常人泪液的平均 pH 值为：
 - a. 6.7
 - b. 7.2
 - c. 7.9
 - d. 8.5

4. Which one of the following is a viscosity-enhancing agent often used in lubricating drops?
 - a. Thiomersal
 - b. Benzalkonium chloride
 - c. Chlorhexidine gluconate
 - d. Polyvinyl alcohol

4. 下述那种物质是用来增加润滑液中粘性成分的？
 - a. 硫柳汞
 - b. 苯甲烷胺氯化物
 - c. 洗必太
 - d. 乙烯聚化物

5. When using the Van Herrick technique to estimate the anterior chamber angle with an optic section, what should the angle between the slit lamp's microscope and illumination arm be?
 - a. 30°
 - b. 45°
 - c. 60°
 - d. 90°

5. 用 Van Herrick 技术，使用光学切面法评价前房角，裂隙灯显微镜与光照源的角度应为？
 - a. 30°
 - b. 45°
 - c. 60°
 - d. 90°

6. Which of the following slit-lamp illumination techniques is viewed monocularly?
 - a. Specular reflection
 - b. Sclerotic scatter
 - c. Tangential illumination
 - d. Conical beam

6. 下述哪种裂隙灯照明技术是用单眼观察的？
 - a. 镜面反射
 - b. 巩膜散射
 - c. 切线照射法
 - d. 圆锥光束

7. Which one of the following statements regarding the cleaning and rinsing of soft contact lenses is NOT true?
- Daily disposable lenses do not need cleaning and rinsing
 - When multi-purpose solutions are used, there is no need to 'rub and rinse' the lenses
 - Extended wear lenses should be cleaned each time they are removed from the eye
 - Hypertonicity may improve the efficacy of lens cleaners
7. 下述哪点关于软镜清洁与冲洗的陈述中是不正确的？
- 日抛弃型镜片不需要清洁与冲洗
 - 使用多功能护理液时，不再需要揉搓与冲洗镜片
 - 长戴型镜片每次摘取后都必须清洁
 - 高渗可能提高镜片清洁效率
8. When examining the eye with a slit-lamp, a conical beam is best used to view:
- Epithelial oedema
 - Crystalline lens opacities
 - Cells and flare in the anterior chamber
 - Corneal staining
8. 当用裂隙灯观察时，圆锥光束最有利于观察：
- 上皮水肿
 - 晶状体浑浊度
 - 前房细胞和闪辉现象
 - 角膜染色
9. Which one of the following is NOT a suitable rinsing solution for soft contact lenses?
- Unpreserved, unit-dose saline solution
 - Multi-purpose solution
 - Preserved saline solution
 - Distilled water
9. 下述那种不合适的作为软镜冲洗液
- 无防腐剂、小剂量生理盐水
 - 多功能护理液
 - 有防腐剂生理盐水
 - 蒸馏水
10. Which one of the following illumination techniques would be MOST useful for observing mucus and other forms of surface contamination on a soft contact lens on the eye?
- Diffuse illumination
 - Direct retro illumination
 - Tangential illumination
 - Specular reflection

10. 下述哪种照明技术最合适于观察在眼内镜片表面的粘液成分和其他形式的沉淀？
- 弥散照射
 - 直接后照射法
 - 切线照射法
 - 镜面反射
11. According to the studies by Carney *et al* (1990, 1991), which one of the following properties of saline solution shows the LEAST variability after opening?
- pH
 - Buffering capacity
 - Refractive index
 - Osmolality
11. 根据 Carney *et al* (1990, 1991)的研究结果，下述生理盐水的哪种特性在开盖后变化最小？
- PH 值
 - 缓冲能力
 - 折射指数
 - 渗透压
12. Each of the following factors warrant consideration when selecting a contact lens care and maintenance system EXCEPT:
- Lens back vertex power
 - Ocular sensitivity
 - Lens material
 - Wearing and replacement schedule
12. 在选择接触镜护理系统时，下述哪些特性是必须考虑，但除外的是：
- 镜片后表面屈光度
 - 眼的敏感性
 - 镜片材料
 - 配戴和更换周期
13. Which one of the following filters is used to eliminate unfluoresced blue light from the slit-lamp view during sodium fluorescein-assisted investigation of the cornea?
- Red-free filter
 - Neutral density filter
 - Removable diffuser
 - Kodak Wratten #12 filter

13. 当裂隙灯观察角膜荧光素钠染色情况，使用下述哪种滤光片滤去非荧光蓝光？
- Red-free 滤光片
 - Neutral density 滤光片
 - Removable 弥散片
 - Kodak Wratten #12 滤光片
14. The best view of corneal neovascularization using a slit-lamp is obtained by:
- Diffuse illumination
 - Retro-illumination
 - Specular reflection
 - Conical beam
14. 使用下述哪种裂隙灯照明技术最有利于观察角膜新生血管？
- 弥散照射法
 - 后照射法
 - 镜面反射法
 - 圆锥光束法
15. Which one of the following contact lens solution properties would have the LEAST effect on initial comfort upon lens insertion?
- Tonicity
 - pH
 - Viscosity
 - Preservative concentration
15. 下述哪种接触镜护理液的特性与镜片戴入时的舒适度关系最小？
- 液体张力
 - PH 值
 - 液体粘性
 - 防腐剂浓度
16. Which one of the following statements is NOT true?
- Ionic lenses attract more protein deposits than non-ionic lenses
 - Daily disposable lenses do not require use of a surfactant cleaner
 - The human cornea can tolerate 0.6 to 1.5% sodium chloride
 - Low water content lenses accumulate more deposits than high water content lenses

16. 下述哪点陈述是不正确的？

- a. 离子型镜片比非离子形镜片更易吸附蛋白沉淀
- b. 日抛型镜片不需要使用表面清洁剂
- c. 人角膜可耐受 0.6 to 1.5%的氯化钠浓度
- d. 低含水镜片比高含水镜片更易吸附沉淀

17. Which one of the following statements regarding hydrogen peroxide-based contact lens disinfecting solutions is NOT true?

- a. Normally formulated with a 0.3% H₂O₂ concentration
- b. Neutralization is required following disinfection and before lens insertion
- c. pH is usually acidic
- d. Disinfection in H₂O₂ is reasonably effective in 45 minutes

17. 下述哪点关于接触镜双氧水护理系统的陈述是不正确的？

- a. 通常表示为 0.3% H₂O₂
- b. 在镜片消毒后戴入前必须进行中和
- c. pH 值通常是偏酸性的
- d. 双氧水系统消毒只需 45 分钟即可

18. Which one of the following slit-lamp illumination techniques is ideal for observing endothelial polymegethism?

- a. Sclerotic scatter
- b. Specular reflection
- c. Retro-illumination
- d. Diffuse illumination

18. 观察角膜内皮的多形性改变，下述哪种裂隙灯照明技术比较理想

- a. 巩膜散射法
- b. 镜面反射法
- c. 后照射法
- d. 弥散照射法

19. What concentration of saline solution is considered isotonic or 'normal', i.e. having an overall sodium chloride concentration equivalent to that of human tears?

- a. 0.09%
- b. 0.5%
- c. 0.9%
- d. 5.0%

19. 哪种浓度被认为是等渗，其氯化钠浓度与人泪液相同？
- a. 0.09%
 - b. 0.5%
 - c. 0.9%
 - d. 5.0%
20. Which slit-lamp illumination technique is BEST suited to an examination of epithelial microcysts?
- a. Optic section
 - b. Tangential illumination
 - c. Sclerotic scatter
 - d. Marginal retro-illumination
20. 哪种裂隙灯照明技术最有利于观察上皮微囊？
- a. 光学切面
 - b. 切线照射法
 - c. 巩膜散射法
 - d. 边缘后照射法