

作业 14

内容涉及

IACLE 接触镜教材第七册 7.3 – 7.4(p234 – 380) 单元

作业 14

仔细阅读题目，将答案写在答题纸上

1. **Which statement regarding the aqueous phase of human tears is NOT true?**
 - a. Approximately 0.1 μm thick
 - b. Consists mainly of water (about 98%)
 - c. Derived from the lacrimal gland, as well as the glands of Krause and Wolfring
 - d. A vehicle for oxygen transfer to the cornea

1. 下述哪点关于泪膜水质层的描述是不正确的？
 - a. 大约为 0.1 μm 厚
 - b. 主要由水组成 (大约为 98%)
 - c. 由泪腺、Krause 腺和 Wolfring 腺分泌
 - d. 是氧气输送到角膜的载体

2. **What percentage of rigid gas permeable (RGP) lens wearers are reported to experience at least occasional lens adherence with extended wear?**
 - a. 34%
 - b. 48%
 - c. 84%
 - d. 95%

2. 有多少比率的 RGP 配戴者在镜片长戴时会报道偶出现镜片粘连？
 - a. 34%
 - b. 48%
 - c. 84%
 - d. 95%

3. **According to Fonn et al. (1996), the average palpebral aperture size of rigid lens wearers is 9.76 mm, while that of non-wearers is:**
 - a. 9.48 mm
 - b. 9.66 mm
 - c. 10.10 mm
 - d. 10.24 mm

3. 根据 **Fonn. (1996)**的研究结果:RGP 配戴者的平均睑裂大小为 9.76 mm,而非配戴者平均大小为:
 - a. 9.48 mm
 - b. 9.66 mm
 - c. 10.10 mm
 - d. 10.24 mm

4. **Which statement regarding the normal human tear film is NOT true?**
- Produced at an average rate of 0.5 to 1.78 $\mu\text{L}/\text{min}$
 - pH of 7.5 to 8.83
 - Total thickness of 3 to 12 μm
 - Refractive index of 1.3357 to 1.3370
4. 关于正常泪膜的描述,下述哪点是不正确的?
- 生成速率为 0.5~ 1.78 $\mu\text{L}/\text{min}$
 - pH 值为 7.5~ 8.83
 - 总厚度为 3 ~ 12 μm
 - 屈光指数为 1.3357~ 1.3370
5. **All of the following result in reduced tear mucin secretion, EXCEPT:**
- Riley-Day syndrome
 - Xerophthalmia
 - Keratoconjunctivitis sicca
 - Dystichiasis
5. 下述那些情况会导致泪膜黏液分泌的减少,但除外的是:
- Riley-Day 综合症
 - 眼干燥症
 - 角结膜干燥症
 - Dystichiasis
6. **Which statement regarding spectacle blur in rigid lens wearers is NOT true?**
- Vision with contact lenses is relatively good prior to lens removal
 - Blurred vision is experienced with spectacles worn after lens removal
 - May be due a change in corneal shape
 - Severity is reduced if contact lenses are worn for many years
6. 下述哪点关于 RGP 所致框架眼镜配戴模糊的描述是不正确的?
- 在摘取接触镜前,配戴接触镜的视力是好的
 - 在摘取接触镜后,配戴框架眼镜出现模糊的感觉
 - 可能是由于角膜形态发生改变所致
 - 如果接触镜配戴很多年,则严重性会下降
7. **All of the following contribute to the lipid layer of the tear film, EXCEPT:**
- Glands of Zeis
 - Meibomian glands
 - Glands of Krause
 - Glands of Moll

7. 下述与泪膜脂质层的产生有关，但必须除外的是：
- Zeis 腺
 - Meibomian 腺
 - Krause 腺
 - Moll 腺
8. **Which one of the following factors is LEAST likely to cause or contribute to RGP lens warpage?**
- Inadequate lens thickness
 - Lens cleaning in the palm of the hand
 - Dry lens storage
 - Using a lens case with a flat bottom
8. 下述哪种因素最不易导致 RGP 镜片的翘曲？
- 镜片厚度不恰当
 - 在手掌面清洁镜片
 - 镜片干燥保存
 - 使用的镜盒底是平的
9. **What is the total volume of the human tear film considered to be?**
- 3.2 to 4.4 μL
 - 4.5 to 6.3 μL
 - 6.5 to 8.5 μL
 - 8.8 to 12.5 μL
9. 人泪液的总容积大致为？
- 3.2~ 4.4 μL
 - 4.5 ~ 6.3 μL
 - 6.5 ~ 8.5 μL
 - 8.8~ 12.5 μL
10. **All of the following would typically improve RGP lens comfort, EXCEPT:**
- Minimizing front surface junction angles
 - Reducing the total lens diameter
 - Minimizing the axial edge lift
 - Rounding the anterior lens edge
10. 下述的方式能够提高 RGP 配戴的舒适性，但须除外的是：
- 减少前表面弧度衔接处的角度
 - 减少镜片总直径
 - 减少镜片边缘翘起高度
 - 使前表面边缘圆钝

11. **Which one of the following conditions is the MOST common aetiology of dry eye syndrome?**
- Aqueous deficiency
 - Mucin deficiency
 - Lipid abnormalities
 - Lid surfacing abnormalities
11. 下述哪种情况是干眼最常见病因？
- 水质层缺乏
 - 黏液层的缺乏
 - 脂质层不正常
 - 眼睑表面不正常
12. **Which one of the following is NOT typical of RGP lens adherence?**
- Conjunctival redness
 - Most common in nasal quadrant
 - Corneal indentation caused by adherent lens edge
 - Adherent front surface debris
12. 下述哪点不是典型的 RGP 黏附的特征：
- 结膜充血
 - 通常在鼻侧象限
 - 由于黏附的镜片边缘造成角膜压迹
 - 黏附前表面碎屑
13. **The mucous layer of the tears is derived from all of the following, EXCEPT:**
- Goblet cells of the conjunctiva
 - Crypts of Henle
 - Glands of Zeis
 - Glands of Manz
13. 泪膜黏液层是由下述结构产生，但须除外的是：
- 结膜的杯状细胞
 - Henle 管
 - Zeis 腺
 - Manz 腺
14. **In rigid lens corneal warpage, approximately what percentage of the measurable refractive error change can be attributed to corneal curvature changes?**
- 50%
 - 60%
 - 75%
 - 90%

14. 在硬镜导致的角膜畸变中，大致有多少比率的屈光度的改变是由于角膜屈光度改变所致？
- 50%
 - 60%
 - 75%
 - 90%
15. **Which one of the following signs is NOT consistent with the condition of dry eye?**
- Debris in the tear menisci
 - Increased maximum blink interval
 - Reduced tear meniscus
 - Rose Bengal staining of damaged epithelia
15. 下述哪种因素与干眼症状的产生无明显关系？
- 泪液黏液中的碎屑
 - 瞬目间歇期延长
 - 减少泪液的黏液
 - 坏死上皮 Rose Bengal 染色
16. **All of the following are appropriate in the management of RGP lens adherence, EXCEPT:**
- Fit larger lenses with slight apical clearance
 - Revert to daily wear if persistent lens binding
 - Use ocular lubricants before sleep and upon awakening
 - Educate patients regarding self-assessment and lens mobilization upon awakening
16. 在处理 RGP 所致的黏附中，下述是恰当的，但必须除外的是：
- 配戴更大的镜片，使镜片顶端稍隆起
 - 如持续黏附转为日戴
 - 在睡眠前和醒来时用润滑液
 - 教会病人的自我评估方式和醒来时镜片的活动
17. **Which one of the following is NOT a normal effect of aging on the tears?**
- Decreased lacrimal gland secretion
 - Increased tear viscosity
 - Decreased tear osmolality
 - Reduced Meibomian gland function
17. 下述哪点不是由于年龄导致的泪膜变化？
- 泪腺分泌减少
 - 泪液粘滞性增加
 - 泪液渗透压降低
 - Meibomian 腺功能降低

18. **Which statement regarding Sjögren's Syndrome is NOT true?**

- a. A chronic autoimmune disorder
- b. Leukocyte infiltration of the lacrimal and salivary glands
- c. Often associated with rheumatoid arthritis
- d. Reflex tearing is unaffected

18. 下述哪点有关 **Sjögren's** 综合症的描述是不正确的？

- a. 一种慢性的自身免疫性疾病
- b. 泪腺和唾液腺的淋巴细胞浸润
- c. 经常与类风湿性关节炎有关
- d. 反射性泪液分泌不受影响

19. **What is the average temperature range of the normal human cornea?**

- a. 34.2 to 34.8°C
- b. 34.9 to 35.3°C
- c. 35.4 to 36.3°C
- d. 36.4 to 36.9°C

19. 正常人角膜温度的变化范围为多少？

- a. 34.2 ~ 34.8°C
- b. 34.9 ~ 35.3°C
- c. 35.4~ 36.3°C
- d. 36.4~ 36.9°C

20. **Which one of the following statements regarding corneal warpage in rigid lens wearers is NOT true?**

- a. Subjective refraction is variable with no clear end point
- b. Vision typically returns to normal upon lens removal
- c. Keratometry mires are distorted
- d. The chief underlying cause is poor corneal physiology

20. 下述哪点有关 RGP 配戴中角膜畸变的描述是不正确的？

- a. 主观验光的结果一直在变，没有清晰终点
- b. 镜片摘取后视力恢复正常
- c. 角膜曲率仪的图标发生畸变
- d. 主要的潜在的原因是角膜生理功能差