



The BE System Orthokeratology Certification Course Questions

1. What are the 3 critical corneal measurements required to practice BE Retainer Therapy?

- Apical Curvature (Ro), Sagittal Height (or Eccentricity or Shape Factor) and HVID (Horizontal Visible Iris Diameter)
- Flat K, Flat axis & Steep K
- Corneal Diameter, Pupil Size, Fissure Size
- Steep K, Pupil Size, Fissure Size

2. After entering the corneal data, the BE software calculates a “BE Retainer Potential”. Why is this figure important?

Results		
BE Retainer Potential (D)		-2.76
Adjustment (D)	+	-0.74
Therapy Target Rx (D)		-3.50
Treatment Area (mm)		3.966

- it determines the number of days to achieve full effect
- it determines if a patient will increase in myopia
- this figure, in relationship with the patient Rx, determines if a patient is a candidate for Orthokeratology therapy
- this figure calculates the amount of astigmatism that can be reduced following Optimal Orthokeratology therapy

3. What is the range of power that you can predict to achieve as a target Rx OVER or UNDER the “BE Retainer® Potential” figure?

Results		
BE Retainer Potential (D)		-3.48
Adjustment (D)	+	-0.02
Therapy Target Rx (D)		-3.50

- a. zero
- b. any figure UNDER, zero amount OVER
- c. any figure UNDER, up to -1.00Dp OVER
- d. any figure UNDER or OVER

4. What is the purpose of the overnight trial evaluation?

- a. to determine the accuracy of the topography measurements against the known parameters of the trial
- b. to evaluate the physiological response to overnight orthokeratology wear
- c. to achieve a bulls-eye topographical response
- d. to achieve measured Rx change
- e. to provide patients with a trial of the overnight orthokeratology procedure
- f. all of the above

5. Should the trials result in 20/20?

- a. Yes
- b. No

6. Why is cone angle important?

- a. determines the Rx change
- b. determines the vertical centration of the BE Retainer
- c. determines the number of hours wear possible
- d. determines the length of days to achieve full effect

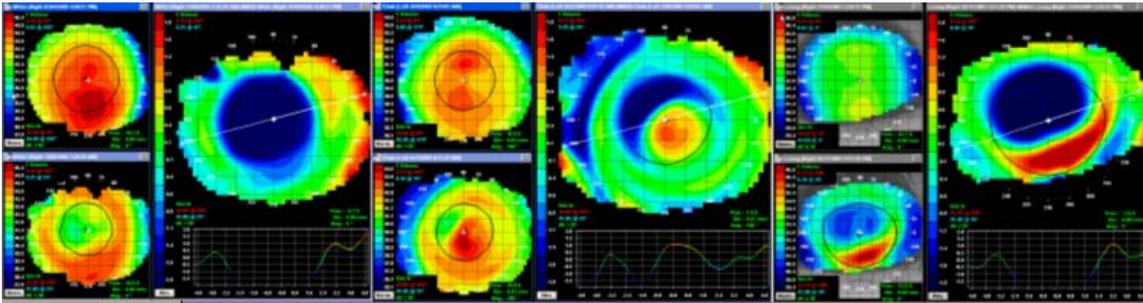
7. During the post treatment evaluation, is fluorescein used to analyze the positioning or fit of a BE Retainer?

- a. Yes
- b. No

8. During post treatment evaluation, what 3 procedures need to be performed?

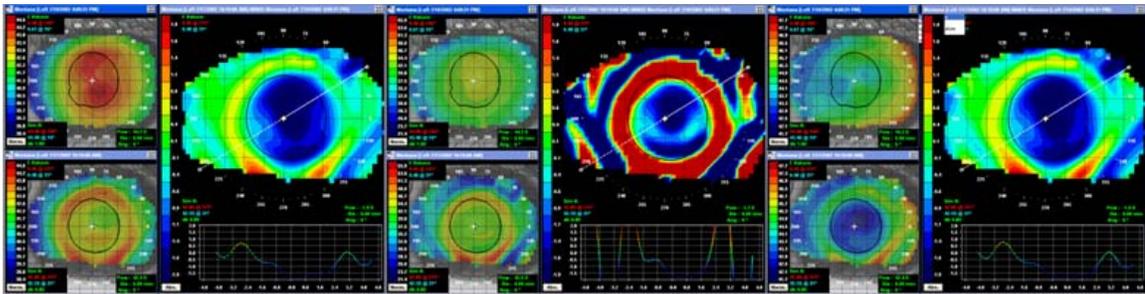
- a. auto-refraction, IOP, Subjective refraction
- b. fluorescein evaluation, check centration, check edge lift
- c. acuity, eye rinse, topography
- d. Slit lamp (“release” retainers if bound, remove them & check for staining), acuity check & topography

9. What are the 3 major topographical responses that follow Optimal Orthokeratology wear (as seen below)?



- a. Bulls-eye, Central Island & Smiley Face
- b. Frowney Face, Smiley Face with a false Central Island, Ring distortion
- c. Divot, False Central Island, Displaced apex
- d. Central Island, Frowney Face, Limbus to Limbus cylinder

10. From the following groups, choose the one that best describes the individual benefits of the Axial, Tangential and Refractive (Subtractive/Difference) maps following post overnight wear analysis?



**Axial Subtractive/
Difference Map**

**Tangential Subtractive
Difference Map**

**Refractive Subtractive
Difference Map**

- a. axial: size of treatment zone
tangential: Rx change
refractive: position of the Retainer in the closed eye environment
- b. axial: position of treatment zone & Rx change
tangential: position of the Retainer in the closed eye environment
refractive: size of treatment zone and Rx change
- c. axial: position of the retainer in the closed eye environment
tangential: Rx change and treatment zone size
refractive: position of the treatment zone
- d. None of the above

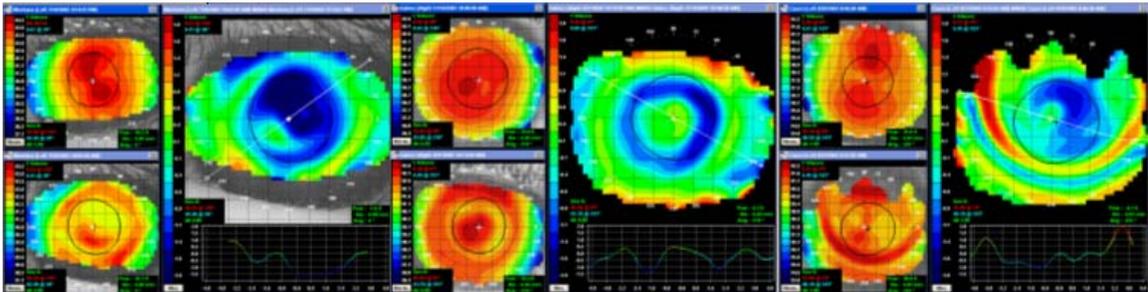
11. Which of the following groups of responses best describes the next step in the process if the topographical result is a:

- a. Bulls-eye: calculate and order the custom Retainer
Central Island: retriial in the next steeper diagnostic
Smiley Face: retriial in the next flatter diagnostic
- b. Bulls-eye: dispense the trial
Central Island: discontinue the patient due to incompatibility
Smiley Face: discontinue the patient due to incompatibility
- c. Bulls-eye: continue trial wear for 1 month and re-evaluate
Central Island: continue the trial wear for 1 week and re-evaluate
Smiley Face: continue the trial wear for 1 week and re-evaluate
- d. Bulls-eye: normalize the cornea and calculate and order the custom Retainer
Central Island: normalize the cornea and schedule a retriial in the next flatter diagnostic
Smiley Face: normalize the cornea and schedule a retriial in the next steeper diagnostic

12. How soon can you re-trial in another diagnostic parameter following a smiley face or central island result?

- a. same day
- b. before the cornea normalizes
- c. after the cornea normalizes
- d. 1 month following

13. What is the next step if the topographical results are inconclusive (not a clear bulls-eye, central island or smiley face)?



- a. discontinue wear and cancel the patient as a candidate for OOK
- b. Trial the same diagnostic for a multitude of consecutive days
- c. Normalize the cornea and trial the next flatter trial
- d. Normalize the cornea and trial the next steeper trial

14. What must happen before the “custom” Retainer can be calculated and ordered?

- a. The diagnostic must produce a bulls-eye topographical response with a measured Rx change
- b. A Smiley Face topographical response must result
- c. A Central Island topographical response must result
- d. Patient must achieve 20/20 vision with the diagnostic

15. What is the effective range of apical tear layer thickness for the BE System Retainers to work?

- a. -10 to zero microns apical clearance
- b. 2 – 15 microns apical clearance
- c. 15 – 30 microns apical clearance
- d. None of the above

16. If the custom order BE Retainer results in a bulls-eye effect but under-corrects, what must happen?

- a. The sagittal height must be decreased (lower apical clearance)
- b. The sagittal height must be increased (higher apical clearance)
- c. A tighter cone angle must be calculated
- d. You must perform a retrial

17. If the custom order BE Retainer results in a bulls-eye effect but over-corrects, what must happen?

- a. The sagittal height must be decreased (lower apical clearance)
- b. The sagittal height must be increased (higher apical clearance)
- c. A tighter cone angle must be calculated
- d. You must perform a retrial

18. Why is topography so critical?

- a. calculates the Rx/corneal potential
- b. determines the initial trial and therefore the first fit success
- c. monitors the corneal changes over time
- d. all of the above

19. What is the follow-up schedule for monitoring BE Retainer Optimal Orthokeratology wear?

- a. 1 week, 1 month, 1 year
- b. 1 week, 2 weeks, 2 months, 2 years
- c. 1 day, 1 month, 6 months, 2 years
- d. 1 day, 1 week, 1 month, 6 months and 1 year.

20. As an Orthokeratologist, what is your critical concern in practicing Optimal Orthokeratology?

- a. Retainer “in touch” with the central epithelium (staining)
- b. Patient compliance with the wear schedule & follow-up visits
- c. Patient compliance with the solution regimen
- d. All of the above

The BE System Orthokeratology Certification Course Answer Sheet

Record the letter in each of the following boxes which best describes the correct answer to each question:

Question #	Answer
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The BE System

Orthokeratology Certification Course

Practitioner Registration Information

When you have completed the above certification answers section (previous page), please fill in the following practitioner registration information and fax both pages to:

BE Enterprises Inc. Attention: Randy Kojima:
Toll Free: 1-877-215-2288 or Local: 604-215 1476

Practitioner Name: _____

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Phone: (____) _____ Fax: (____) _____

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Who is the manufacturer of your topographer? _____

What is the model # of your topographer? _____

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