

MALAYSIAN OPTICAL COUNCIL
SUBJECTIVE REFRACTION TEST SCHEME
FOR OPTICIAN REGISTRATION UNDER SECTION 18(2)(a)

A) Instruction to candidate

Based on either the static distance retinoscopy findings or other appropriate initial refractive results, and PD measurement, you are required to perform a distance subjective refraction on *both* eyes of the subject, including a binocular balance procedure if applicable.

B) Outcomes/Skills expected of the candidate

During initial preparation, the candidate should be able to:

1. explain the purpose of the procedure to the patient

Yes No

2. provide proper illumination for the examination

Yes No

In performing a monocular subjective refraction on each eye, the candidate should be able to:

3. provide adequate instructions to the patient

Yes No

4. provide an appropriate fixation target ($\leq 6/12$) to the patient

Yes No

5. determine an appropriate BVS (by unfogging to best VA)

Yes No

6. accurately determine the sphere power, RE

Yes No

7. accurately determine the cylinder power, RE using an appropriate technique

Yes No

8. accurately determine the cylinder axis, RE using an appropriate technique

Yes No

9. accurately determine the spherical power, LE

Yes No

10. accurately determine the cylinder power, LE using an appropriate technique

Yes No

11. accurately determine the cylinder axis, LE using an appropriate technique

Yes No

12. accurately state the findings obtained for the RE (sphere power, cylinder power, cylinder axis)

Yes No

13. accurately state the findings for the LE (sphere power, cylinder power, cylinder axis)

Yes No

14. accurately record the monocular distance BCVA for RE

Yes No

15. accurately record the monocular distance BCVA for LE

Yes No

In performing binocular balance, the candidate should be able to:

16. provide adequate instructions to the patient

Yes No

17. provide the appropriate optical "split" between the two eyes for the balancing procedure

Yes No

18. fog the eyes appropriately, by +0.50D to +0.75D when required and as necessary

Yes No

19. in the end balance the patient's eyes accurately and properly inasfar as the situation permits

Yes No

After completing the binocular balance, the candidate should be able to:

20. properly determine an appropriate binocular endpoint (binocular difference tolerance of $\pm 0.50D$)

Yes No

21. accurately state the findings obtained for the RE (sphere power, cylinder power, cylinder axis)

Yes No

22. accurately state the findings obtained for the LE (sphere power, cylinder power, cylinder axis)

Yes No

23. accurately record the binocular BCVA obtained

Yes No

As an overall impression to the examiner, the candidate should be able to :

24. perform the distance subjective refraction procedures above in a smooth and efficient manner

Yes No