

A2. Unequal pupil size is termed...

D. Anisocoria

Q3. Testing of the consensual pupil reaction response eyes consist of?

A. Each pupil reacts to light independently
B. If there is a direct pupillary reaction to light, the other pupil reacts with it.
C. The pupils react to light in reverse order
D. The pupils react to near stimuli independently

A3. Testing of the consensual pupil reaction response eyes consist of...

B. If there is a direct pupillary reaction to light, the other pupil reacts with it.

Q4. When checking consensual pupil responses to light, all of the following should be done except:

A. Dim the room lights
B. Have the patient look at a distant object
C. Shine the light source straight into the pupil of ONE eye
D. Cover the eye not being tested

A4. When checking consensual pupil responses to light, these 3 things should be done:

A. Dim the room lights
B. Have the patient look at a distant object
C. Shine the light source straight into the pupil of ONE eye

But not...
D. Cover the eye not being tested

Q5. Constriction of the pupil can be accomplished by any of the following except:

A. Shining a bright light into the eye
B. Having the patient focus on a near/close-up object
C. Having the patient focus on a distant object
D. Using a miotic eye drop, such as Pilocarpine

A5. Constriction of the pupil can be accomplished by any of the following:

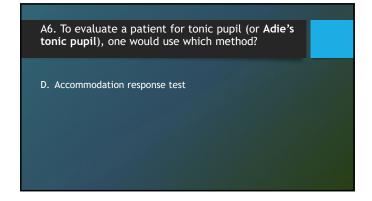
A. Shining a bright light into the eye
B. Having the patient focus on a near/close-up object

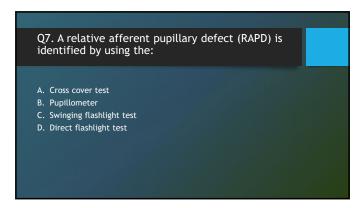
D. Using a miotic eye drop, such as Pilocarpine

However, it would dilate if you
C. have the patient focus on a distant object.

Q6. To evaluate a patient for tonic pupil (or Adie's tonic pupil), one would use which method?

A. Pupillometer
B. Slit-lamp evaluation
C. Cycloplegia
D. Accommodation response test



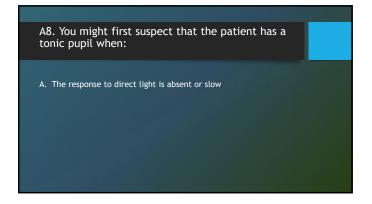


A7. A relative afferent pupillary defect (RAPD) is identified by using the:

C. Swinging flashlight test

Q8. You might first suspect that the patient has a tonic pupil when:

A. The response to direct light is slow
B. The pupil enlarges in direct light
C. That eye also has a ptotic lid
D. The patient is photophobic



Q9. Which of the following is associated with ptosis, miosis, and lack of perspiration (anhydrosis) on the affected side?

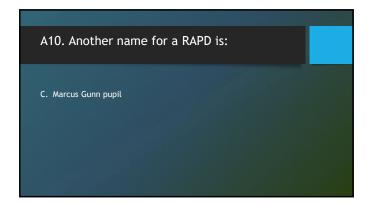
A. Adie's tonic pupil
B. Horner syndrome
C. Argyll Robertson pupil
D. Marcus Gunn pupil

A9. ______is associated with ptosis, miosis, and lack of perspiration (anhydrosis) on the affected side.

B. Horner's Syndrome

Q10. Another name for a RAPD is:

A. Argyll Robertson pupils
B. Adie's syndrome
C. Marcus Gunn pupil
D. Tonic pupil



Sample Standard Operating Procedure Pupillary Assessment

Pupillary assessment includes (1) measurement of pupil size (2) response to direct and consensual light (3) checking for RAPD (Relative Afferent Pupillary Defect).

- 1. Turn off room lights.
- 2. Instruct patient to fixate on a distance target.
- 3. Instruct patient to tilt head slightly downward, while shining light from transilluminator from below and indirectly without invoking pupillary response, measure the dim light pupil size in each eye.
- 4. Shine light from transilluminator directly at each eye separately while checking the following:
 - -Direct response: Reaction of the pupil in which you are shining the light.
 - -Consensual response: Reaction of the fellow eye.
 - -Size of the constricted pupil in the bright light.
 - -Shape of the pupil (round, oval, irregular, etc)
- 5. Assess whether there is RAPD (Relative Afferent Pupillary Defect) "swinging flashlight test."
 - a. Shine light of the transilluminator into one pupil. Observe constriction, if present. Hold for 1-2 seconds.
 - b. Shift the light quickly into the other pupil going straight across the bridge of the nose.
 - c. Shine light of the transilluminator into the other eye and hold for 1-2 seconds.
 - d. Repeat "swing" several times.
 - -If there is no RAPD, both pupils should constrict (or remain constricted) upon reaction to light introduced in the first eye, a normal result would be no reaction (or slight constriction) when shining into the second or fellow eye.
 - -If RAPD is present, the technician will see the pupil dilate in the eye which has RAPD present when the light shifts to that eye (the pupil will constrict when the light is introduced to the eye without RAPD.
- 6. Document results in the patient's chart.