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Dear Candidate:

Explained in the Certification, Registration and Recertification Booklet, the NEBO certification process is a two part examination. The written portion consists of the Multiple Choice Questions (MCQ); while the practical (hands on) part is the Fabrication. The MCQ examination location has been determined, which leaves Fabrication section to be scheduled. As soon as you know that your NEBO application has been accepted, you should determine a time frame and schedule the **Fabrication Examination** portion, which will be held in your laboratory.

Expediency is advisable since a minimum of 30 days notice is required to receive your Examination Kit and to schedule a proctor from the dates you choose. Please note, the Fabrication Examination (deadline) must begin on or before the first week in December.

The following information is required in order to schedule the Fabrication Examination and to assign a proctor:

- 1) Street mailing address, telephone number, fax number and email, if available.
- 2) Location for the FAB Examination with proctor (if you have more than one office).
- 3) Date you wish to receive the Fabrication Kit.
- 4) Date for the proctor to observe the Scleral Shell Fabrication.
- 5) Whether you anticipate one or two days with the proctor for scleral shell.

Your proctor will be sent, via Federal Express, the Kit that contains the **Fabrication** examination. It will be delivered to you on the date that you schedule.

The **Fabrication kit** will contain a conventional prosthesis and a scleral shell shape to duplicate and instructions. You have the rest of that day and up to ten (10) working days, Monday through Friday, in which to complete the Fabrication portion of the examination. **The conventional prosthesis, done without a proctor present, must be completed prior to the scleral shell work, which will be monitored by a proctor.** Upon completion, both the conventional and scleral duplication will be turned over to the proctor.

Please note the proctor must be present during the entire duplication process of iris painting and scleral tinting of the scleral shell (including any corrections), through the shell finishing and polishing, with the exception of curing time.

Please contact me if you have any questions. I look forward to hearing from you.

Sincerely,

Nancy Townsend, B.C.O., B.A.D.O.
Fabrication Chairman

NATIONAL EXAMINING BOARD OF OCULARISTS

Part B, Section 3 Fabrication Examination

EXAMINEE INSTRUCTIONS

The ability to duplicate, within specific tolerance, a conventional plastic prosthesis and a scleral shell prosthesis will be assessed in this Fabrication Examination.

The Fabrication Examination Kit, which includes a conventional prosthesis and a clear acrylic scleral shell prosthesis, will be mailed (unless otherwise designated) by Certified Mail, return receipt requested.

The examinee will be given up to ten (10) "work days" (Monday thru Friday are "work days") to complete the Fabrication Examination, commencing on date following receipt of kit. A proctor will be appointed by the National Examining Board of Ocularists to monitor a portion of the fabrication process and to assure that all work is done by the examinee. The proctor will have notice that the Fabrication Kit has been mailed to the examinee and will contact the examinee to make arrangements witness the necessary fabrication processes. The proctor will take possession of the finished duplications and the fabrication kit upon completion or on the designated date.

It is important for the examinee to note that the proctor is there to monitor and to witness the work, not to examine or counsel. The examinee and his/her work will remain anonymous to the three members of the NEBO Test Committee who will be evaluating and grading the Fabrication submissions, with analysis of grading and scoring done by Assessment Systems, Inc., a professional testing service.

The sample conventional prosthesis and clear acrylic scleral shell will be marked with a series of dots which will designate specific measuring points and help to indicate the position of the prosthesis. The red dot indicates the top of the samples. A white dot marks the pupil center.

Both the finished conventional prosthesis and the clear acrylic scleral shell are identified by numbers.

The examinee is required to fabricate a conventional prosthesis and a scleral shell prosthesis, as follows:

- 1) Duplicate the sample conventional prosthesis, as is, in all details; prior to the beginning of the proctored scleral shell section;
- 2) Duplicate the size and shape of the clear acrylic shell and the iris position, as marked by the white dot, matching the cosmetic details found in sample conventional prosthesis;
- 3) Mark (by dotting) the finished conventional and scleral duplication in the same manner and at the same five (5) locations as kit samples. The location of the five dots at the corneal apex, the superior, the inferior, the nasal and the temporal locations, will be recorded (shown) on the stone mold of the anterior surface of the sample. These five dot locations should be preserved during the final clear capping process and marked appropriately on the finished conventional and scleral shell duplications. (A small round burr and china marking pencil are used to mark kit samples.)

NOTE: The red dot identifies the superior aspect (or top) of the clear acrylic shell.

THE FINISHED DUPLICATION OF THE CONVENTIONAL AND SCLERAL SHELL PROSTHESIS WILL BE ASSESSED FOR DIMENSIONAL CORRECTNESS GENERALLY AND AT SPECIFIC AREAS LISTED BELOW AND SHOWN ON THE ATTACHED PAGE OF DIAGRAMS.

Specific points at which the conventional prosthesis and scleral shell prosthesis will be measured.

- | | | | |
|-----------|-----------|-----------|------------|
| 1) A to B | 4) G to H | 7) M to O | 10) A to R |
| 2) C to D | 5) I to J | 8) Q to R | 11) A to F |

- 3) E to F 6) K to L 9) A to E 12) A to Q

The accuracy of the finished duplications will also be evaluated for the following:

- 1) Accuracy of anterior and posterior surfaces
- 2) Pupil size
- 3) Iris size
- 4) Limbal blend
- 5) Iris color
- 6) Sclera vascularization and tinting
- 7) Finishing and polishing
- 8) Fabrication polymerization process
- 9) Clarity of clear acrylic

TOLERANCES, THE EVALUATION PROCESS AND GRADING

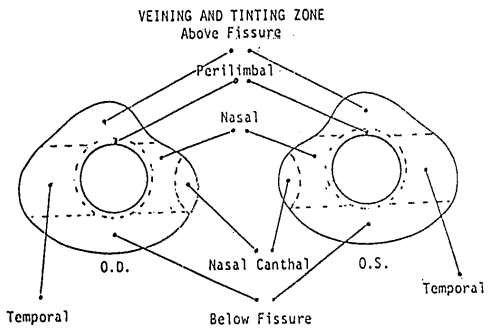
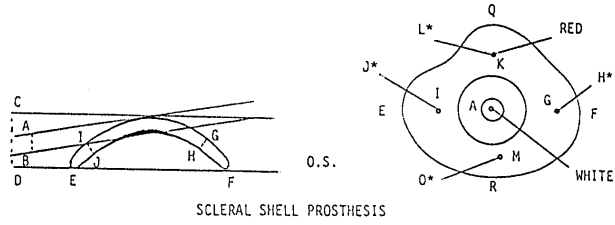
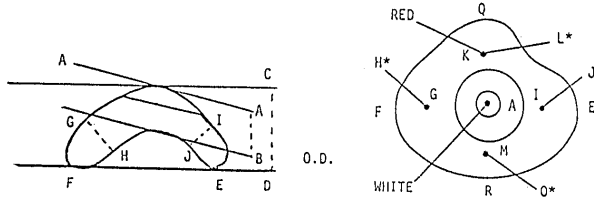
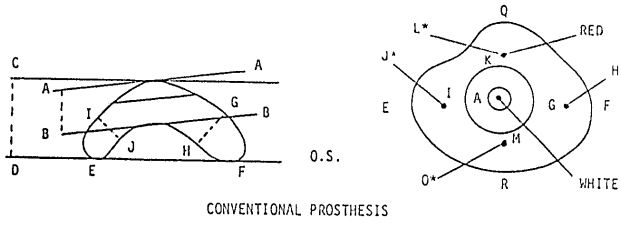
- 1) Specified Measuring Points- Maximum credit will be awarded for maintaining tolerances of less than $\pm 0.6\text{mm}$; no credit if tolerance exceeds $\pm 1.0\text{mm}$.
- 2) Anterior or Posterior surface- Maximum credit will be awarded for maintaining tolerances on these surfaces of less than $\pm 0.6\text{mm}$; no credit if tolerance exceeds $\pm 0.6\text{mm}$.
- 3) Iris and Pupil Diameter- Maximum credit awarded for maintaining iris/pupil diameter within $\pm 0.5\text{mm}$; no credit if tolerance exceeds $\pm 1.0\text{mm}$.
- 4) Limbal Blend will be evaluated with maximum points awarded for an exact duplication.
- 5) Iris Color- The four main aspects of the iris color: Primary collarette, Stroma field, "Limbal" border color, and special markings including freckles, dotting and the arcus senilis, will be evaluated individually as very good, good, or deficient; maximum credit for very good to no credit for deficient.
- 6) Vascularization and Tinting- These aspects of the prosthesis will be evaluated similarly to iris color with the maximum credit awarded for very good reproduction of vascular patterns and sclera tone to no credit for duplication of sclera rated as deficient.
- 7) The proper Polymerization of the duplication as well as proper finishing and polishing are most important considerations. Duplication must be free of porosity, delamination smears and dirt particles, etc. No surface scratches should be visible under inspection by a 5 power magnification. Edges should be blended and smooth.

ALL WORK MUST BE DONE BY THE EXAMINEE WITHOUT ASSISTANCE OR COUNSEL. Failure to comply will result in the candidate test being voided.

All work on duplication must be given to the proctor upon completion, on completion date.

FABRICATION EXAMINATION

EVALUATION POINTS AND ZONES



*POSTERIOR MEASUREMENT POINTS (NOT SHOWN)