

The NEBO standard setting meeting included industry experts recruited and approved by NEBO. The meeting was facilitated by Dr. Nadine McBride from Castle Worldwide, Inc. The panel met in Chicago, IL on October 17, 2014, to provide standard setting ratings for the new form of the written examination. The data analyses has been completed and has been adopted. The 150 multiple choice question written examination is constructed as follows:

NEBO Classification System Domains and Tasks

Performance Domain I: Preliminary Examination and Evaluation Principles 25 items 16.72%

Task 1 Obtain the patient's history and medical/surgical information using questionnaires, interviews, and consultations with the patient, the patient's family and/or other health care providers in order to determine an appropriate treatment **6 items 3.97%**

Task 2 Examine socket/globe/orbit for suture line healing, residual edema, prosthesis/implant motility, implant used (if present), implant location, corneal condition, conformer/prosthesis retention, conformer/prosthesis fit, lid position, and other anomalies by visual inspection, opening the eyelids, removing prosthesis (if present), and palpitation to determine appropriate treatment. **7 items 4.56%**

Task 3 Discuss with the patient, the patient's family (if applicable), the patient's doctor, and other relevant member of the health care team by letters, phone conversations, and/or personal communication the suggested treatment plan (such as new conformer, adjustment/polish/replacement or prosthesis, and/or surgical intervention that may be necessary). **6 items 3.81%**

Task 4 Evaluate the patient's completed conformer/prosthesis/scleral shell/etc., by visual inspection, measurements, photography, etc., to ensure maximum comfort, motility, and natural appearance. **6 items 4.38%**

Performance Domain II: Fitting 48 items 31.94%

Task 1 Select appropriate fitting technique(s) (such as empirical, modified empirical with impression, modified impression) for patient's condition by using preliminary evaluation date to determine the shape of the prosthesis/conformer/scleral shell/clear trial shell. **8 items 5.09%**

Task 2 Fit the patient's socket/globe using the empirical, empirical with impression, and modified impression methods to create the appropriate shape that will be used in modeling the prosthesis **8 items 5.05%**

Task 3 Modify the size and shape of a patient's conformer/prosthesis/scleral shell/etc. in order to compensate for changes in the socket/globe (i.e., ptosis, peg insertion, patient

growth) or to deliver a completed prosthetic device by enlarging, reducing, or taking a new impression. **7 items 4.69%**

Task 4 Select iris/pupil size, shape, color, and position by sampling/measuring companion eye in order to achieve the most natural prosthetic results. **7 items 4.52%**

Task 5 Recommend to the patient, patient's family (if applicable), physician, and other appropriate health care professionals by letters, phone conversations, and/or personal communication the cosmetic optics alternatives in order to enhance aesthetic appearance (e.g., plus and minus spheres, tinting, prisms). **5 items 3.44%**

Task 6 Fabricate peg drilling template for the physician by copying the existing prosthesis/wax model along with considering implant position, prosthesis thickness, and pupil position in order to achieve maximum motility. **6 items 4.32%**

Task 7 Fit custom conformers (e.g., pressure, expanding) for patients with socket anomalies to therapeutically manipulate socket tissues by using one of the fitting methods (e.g., empirical, impression) in order to better accommodate an ocular prosthesis **7 items 4.82%**

Performance Domain III: Fabrication 53 items 35.20%

Task 1 Cast the fitting shape by mixing stone/plaster and water and pouring the mixture into a flask in order to prepare for the polymerization of the acrylic shape. **6 items 3.79%**

Task 2 Replicate the patient's iris color/pupil by painting onto an appropriate surface in order to achieve desired iris color. **6 items 3.72%**

Task 3 Prepare iris/cornea button for investment into the mold by trimming, polishing, cementing, etc., the button. **5 items 3.57%**

Task 4 Mix PMMA powder and monomer in a suitable container by using the appropriate ratio in order to prepare for investment into flask **5 items 3.49%**

Task 5 Pack acrylic mixture into flask and place into a press, which is then tightened in order to ensure a properly cured acrylic prosthesis. **6 items 4.12%**

Task 6 Polymerization of acrylic with an accepted method utilizing appropriate times and temperatures associated with the selected polymerization method (e.g., water bath, microwave, dry heat, pressure cure) in order to produce a properly cured ocular prosthetic device. **7 items 4.36%**

Task 7 Simulate patient's vascularization and scleral tone by tinting and applying veins in order to achieve desired scleral replication **5 items 3.57%**

Task 8 Cover painting surface of the ocular prosthesis with clear acrylic by polymerization clear PMMA (clear capping), powder, and monomer mixture using appropriate times and temperatures for the polymerization methods selected in order to reestablish original corneal shape. **6 items 4.25%**

Task 9 Prepare clearer capped prosthesis by grinding, trimming, and polishing the cured surfaces in order to deliver finished ocular prosthesis to the patient. **7 items 4.35%**

Performance Domain IV: General Care and Services 24 items 16.14%

Task 1 Maintain detailed records and assessment of treatment data using accepted documentation procedures to ensure proper treatment and follow-up care. **6 items 3.84%**

Task 2 Instruct the patient, the patient's family and other care givers (if applicable) in proper care, safety issues, follow-up visits, and hygiene techniques using individualized written and spoken communication strategies in order to facilitate successful adaptation of the prosthesis. **6 items 4.11%**

Task 3 Ensure proper office hygiene by following accepted sanitation/sterilization standards in order to prevent cross-contamination of patients, equipment, prosthetic devices, etc. **6 items 4.40%**

Task 4 Instruct the patient in the use of ancillary products (e.g., lubricants, lubricant delivery systems, cleansers, safety glasses, etc.) and procedures by verbal and written instruction in order to help the patient adapt to the prosthesis. **6 items 3.79%**