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ELIGIBILITY

Nondiscrimination

BCCA does not discriminate against any candidate for certification on the basis of race, color, creed, age, gender, national origin, religion, disability, marital status, parental status, ancestry, sexual orientation, military discharge status or source of income, or any other status protected by law. All candidates for certification will be judged solely on the criteria determined by the BCCA Board of Directors.

Eligibility Requirements

The BCCA has developed requirements for eligibility to ensure that the application process is fair and impartial for all applicants. Each eligibility requirement has been established to ensure that individuals certified by the BCCA have attained an acceptable level of knowledge and proficiency needed to provide safe and effective clinical anaplastology services. In establishing these requirements, the Board acknowledges that a combination of education, clinical experience and demonstrated knowledge are essential for individuals earning the CCA credential.

Candidates cannot earn certification without passing the certification examination. Eligibility requirements will be published in the Candidate Handbook and will be readily available to applicants on the BCCA website.

Eligibility Criteria

Four (4) eligibility pathways have been established by the BCCA in recognition of the diversity in education and experience of qualified applicants. Applicants are instructed to review each pathway to determine which is most suitable. All requirements detailed in the selected pathway must be fulfilled before an applicant may apply to sit for the CCA examination.

Applicants will not be awarded, and may not use, the CCA credential until all program requirements are fulfilled and approved by the BCCA Credentials Committee.

Eligibility Pathway 1-2024 | Master's Degree Program with a Concentration in Clinical Anaplastology

To be eligible to sit for the CCA examination, applicants must have:

- Earned a master's degree from an accredited institution or program with coursework and clinical training specifically pertaining to Clinical Anaplastology and recognized by the BCCA*;

BCCA recognized Clinical Anaplastology master's degree programs:

Master of Science in Clinical Anaplastology

Department of Art as Applied to Medicine Johns Hopkins School of Medicine

<https://e-catalogue.jhu.edu/medicine/graduate-programs/clinical-anaplastology-ms/>

Baltimore, MD

Contact: Juan Garcia, Director

*Programs not listed can be submitted for review by the BCCA via formal request prior to the submission of an application.

- Documentation of 4,000 hours (24 months) of clinical anaplastology experience under direct supervision in accordance with the BCCA guidelines.
- A portfolio of 18 clinical anaplastology cases in accordance with the BCCA guidelines.

Eligibility Pathway 2 | Advanced Medical Degree

Applicants with an advanced medical degree warrant special consideration given the medical science coursework and supervised clinical experience required by their professions.

To be eligible to sit for the CCA examination, applicants must have:

- Earned a doctoral degree in a field of clinical healthcare (including, but not limited to, DMD, DDS, MD, DO) from a United States accredited college or university, or its foreign equivalent;
- Completed a minimum of three (3) course requirements in the Studio Art category;
- Trained with a Certified Clinical Anaplastologist (CCA) for a minimum of 300 hours (8 weeks); and
- A portfolio of 18 clinical anaplastology cases in accordance with the BCCA guidelines.

Eligibility Pathway 3 | Clinical Credential in a Field Related to Anaplastology

To be eligible to sit for the CCA examination, applicants must have:

- Earned a bachelor's degree or higher, or its foreign equivalent, in an Allied Health field from an accredited college or university;
- Earned a clinical credential in a field closely related to anaplastology and be in good standing (i.e. Navy C School Dental Technologist, Board Certified Ocularist, Certified Medical Illustrator, Certified Prosthetist, Full IMPT membership, Anerkannten Epithetiker);
- Completed a minimum of three (3) course requirements in the Science category (must include Human Anatomy OR Human Anatomy & Physiology);
- Completed a minimum of three (3) course requirements in the Studio Art category;
- Completed all five (5) course requirements in the Clinical Practice category;
- Documentation of 4,000 hours (24 months) of clinical anaplastology experience under direct supervision in accordance with the BCCA guidelines; and
- A portfolio of 18 clinical anaplastology cases in accordance with the BCCA guidelines.

Eligibility Pathway 4 | Bachelor's Degree*

To be eligible to sit for the CCA examination, applicants must have:

- Earned a bachelor's degree or higher, or its foreign equivalent, in any major from an accredited college or university;
- Completed all four (4) course requirements in the Science category;
- Completed four (4) course requirements in the Studio Art category;
- Completed all five (5) course requirements in the Clinical Practice category;
- Documentation of 6,000 hours (36 months) of clinical anaplastology experience under direct supervision in accordance with the BCCA guidelines; and
- A portfolio of 18 clinical anaplastology cases in accordance with the BCCA guidelines.

Degree Requirement

All applicants must earn degrees or certificates from an accredited institution. "Accredited" means an institution that was accredited, at the time the degree was awarded, by a regional accreditation body in the United States which is recognized either by the Council for Higher Education Accreditation and/or the United States Department of Education.

Degrees from institutions outside the United States must be from that country's equivalent of a regionally accredited U.S. institution. Applicants who have completed coursework and earned degrees from a non-US institution must have their education evaluated by a professional education evaluation service that equates foreign education to programs in the United States.

Transcript Requirement

Official school transcripts for required coursework and the conferring of a degree are required.

Official transcripts from an accredited college or institution must be submitted with the applicant's application or be sent electronically from the institution to the BCCA. If mailed, transcripts must be submitted in the official school envelope, with the seal unaltered. Examination eligibility will not be conferred without receipt of official transcripts.

Official documentation for Clinical Practice coursework, which has been fulfilled by distance learning, must be submitted with the applicant's application. Examination eligibility will not be conferred without receipt of evidence conferring completion of the coursework requirement (i.e. certificate of completion).

Applicants must have fully completed and earned a passing grade or better, or an indication of "pass" or "complete" for credit only courses, for required coursework.

Verification Requirement | Pathway 3 Only

Applicants must provide confirmation of certification status to the BCCA from the certifying/credentialing body. Verification of certification status will include the individual's name, current certification status, state/province certified, expiration date and credential.

Coursework Requirement

To be eligible to sit for the CCA examination, applicants must fulfill the course requirements outlined in their specific eligibility pathway from the following categories:

| SCIENCE | STUDIO ART | CLINICAL PRACTICE |
|---|--|---|
| <ol style="list-style-type: none">1. Human Anatomy OR Human Anatomy & Physiology (eq. to two semesters)2. Human Pathology OR Human Pathophysiology3. Chemistry with lab OR Materials Science4. Medical Terminology | <ol style="list-style-type: none">1. Painting OR Color Theory2. Figure OR Portrait Drawing3. Figurative Sculpture OR Portrait Bust Sculpture4. Materials and Methods in Sculpture (i.e. Mold Making and Casting)5. 3D Digital Modeling and Fabrication | <ol style="list-style-type: none">1. Basic Life Support/CPR for HealthCare or equivalent2. HIPAA, Patient Rights and Confidentiality3. Infection Control and Aseptic Practices4. Bloodborne Pathogens5. Operating Room Protocol |

The BCCA will accept traditional classroom and/or distance learning course formats in the Science and Clinical Practice categories. In the Studio Art category, only traditional classroom course formats are accepted.

Science: Eligibility pathways for certification require course requirements be taken from an accredited college or institution. Undergraduate and graduate level courses will be accepted.

Studio Art: Eligibility pathways for certification require course requirements be taken from an accredited college or institution. Undergraduate and graduate level courses will be accepted. Courses taken in the Studio Art category may also be fulfilled at professional institutions which are accredited by different organizations (i.e. Accrediting Commission of Career Schools and Colleges, Accrediting Council for Independent Colleges and Schools, Higher Learning Commission, National Association of Schools of Art and Design). Non-credit courses will not be accepted by the BCCA.

Clinical Practice: Course requirements in the Clinical Practice category must be within the past two years and fulfill one of the following criteria:

- The course is provided by an accredited hospital (i.e. Joint Commission, Joint Commission International, Accreditation Canada)
- The course is provided by a provider approved by a state or government organization/agency (i.e. New York State Department of Health, U.S. Department of Labor, Training.Gov.AU)
- The course is provided by the American Heart Association (AHA), the American Red Cross or international equivalent.
- Vendor/Provider on-line training course such as, Intellicentrics https://sec3ure-training.intellicentrics.com/HCIR_Help_pgs/08-UnivrstyTrng/UnivrstyTrng_08CourseObjctvs.htm

CCA Credential

The CCA credential is conferred and program completion is achieved when the candidate has successfully fulfilled the requirements identified in the eligibility pathway, passed the CCA certification examination, complied with the BCCA Code of Ethics and Standards of Practice, and adhered to the continuing education standards as set forth by the Board of Directors.

The purposes of the CCA certification program are to:

- establish the body of knowledge for anaplastology professionals;
- assess the level of knowledge demonstrated by anaplastology professionals in a valid and reliable manner;
- encourage professional growth in the field of clinical anaplastology;
- formally recognize individuals who meet the requirements set by BCCA Board of Directors; and
- serve the public by encouraging quality clinical anaplastology services.

Clinical Case Portfolio Requirement

All applicants are required to document 18 different clinical cases to demonstrate the applicant’s competency in both the clinical and technical aspects of clinical anaplastology. Cases completed as a student or trainee may be included. All cases must represent prostheses that were conceived, designed, and fabricated by the applicant. Supervisors and/or consultants may have contributed during prosthetic treatment selection, planning, and delivery. Remakes using existing molds or through duplication of previous prostheses may not to be used for the Portfolio.

Applicants must ensure their cases demonstrate that each prosthesis is:

- designed and fabricated to improve or restore function and aesthetics; and
- designed, fabricated, and delivered safely and effectively to the patient.

An authorization for information and photography release MUST be submitted for each patient and included as part of the Portfolio of Clinical Cases. The BCCA Patient Information Release Form is to be used for this purpose. Clinician generated authorizations signed by patients will be accepted but must clearly be labeled at the top of the release with the case letter designation (i.e. Case D). Failure to obtain patient releases will result in an immediate rejection of the applicant’s application.

As defined by the BCCA Scope of Practice, anaplastologists provide custom made Class 1 and 2 medical devices that are non-weight bearing and can be categorized in one of 3 regions: Facial, Somatic, and Ocular. Subdermally implantable, intraoral, fingernails, wigs, and weight-bearing prostheses will not be considered for CCA eligibility.

| | REGION 1 Facial | REGION 2 Somatic (i.e. neck, torso, and extremities) | REGION 3 Ocular (i.e. eye) |
|---------------------|---|---|---------------------------------|
| Types of Prostheses | Orbital/Upper facial* | Finger/thumb | Custom indwelling ocular |
| | Nasal/Midfacial | Partial hand/hand | Scleral cover shell |
| | Auricular | Aesthetic sleeve | |
| | Hemi-Facial (nose, orbit and cheek)* | Toe/partial foot (non-weight bearing) | |
| | Other facial | Custom Breast/nipple | |
| | Osseointegrated implant-retained facial | Other somatic | |
| | | Osseointegrated implant-retained somatic | |

**Ocular may or may not be fabricated by applicant. However, the applicant is responsible for the quality of the ocular component in any facial prosthesis whether the ocular is fabricated by the applicant or not. Quality is defined by the BCCA Clinical Case Portfolio Rubric.*

BCCA Clinical Case Portfolio Rubric

Each case will be given five scores in the following categories: Production Quality, Anatomy, Color, Fit, and Overall. Please only include work that best meet the below criteria. Judges will not consider complexity of case when scoring.

The score range is: 4= Camouflage, 3= Convincing, 2= Disconnected, 1= Unacceptable

Link to Rubric Examples

[Please click here to be redirected to additional Portfolio Rubric Guidance.](#)

Guidance & Notes on How the Rubric is Scored

1. If fit, production quality, anatomy, or overall categories fail by a majority, the applicant will be asked to replace the case.
2. Production quality: failure to supply required images is an automatic ineligible case. Poor quality photos cannot be evaluated.
3. If the majority does not award a passing score, the case fails. A median value of 3 or higher is a passing score.
4. Up to four cases may be replaced within 30 days for reevaluation. Only one of the four may be a detailed case for an applicant to remain eligible to sit for the exam. If two detailed cases fail, the applicant is not eligible to sit for the exam.
5. Failed cases will be termed “not eligible.”

Special Case Type Guidance:

- Breast Prostheses: Thin edges are not customary. You should see no gapping and no large voids. These can be retained with bras, may or may not include a photo without a bra.
- Finger Prostheses: There must be a socket fit to assess production quality.
- Oculars: Anatomy for the ocular includes the iris, shape, pupil location, and how the ocular interacts with eyelids.

VERY IMPORTANT: Please only include work that best meets the above criteria. Judges will not consider complexity of case when scoring.

Portfolio Submission Guidelines

Applicants must submit the clinical case portfolio in accordance with the published BCCA guidelines and utilize the BCCA approved Portfolio template. [LINK here](#). All documents submitted for review must be unaltered other than photo cropping. **Applicants are advised to review all requirements prior to beginning supervised clinical experience to ensure appropriate documentation can be obtained during treatment.**

All eighteen Portfolio Cases (Detailed and Concise) must be presented digitally in the form of a single Microsoft PowerPoint file or PDF. If you use a different software program, please inquire with the Executive Director in advance for reviewer compatibility. (Note: Apple Keynote presentations must be saved as a PDF file.) The PowerPoint file should be named using the initials of the applicant followed by "Portfolio Cases," and submitted via USB, CD-R, or DropBox.

| | | | |
|-------------------------------------|---|--|---|
| TOTAL CASES | 18 different clinical cases. | | |
| FORMAT | All 18 cases must be in one (1) Microsoft PowerPoint or PDF file. | | |
| PROTECTED HEALTH INFORMATION | Patient Information Release Form for each patient. | | |
| DETAILED CASES | Three (3) cases. Cases A-C must be documented in detail. | Cases can all be from the same region, however, they must represent 3 different types of prostheses (i.e. Auricular, Nasal, and Orbital). | At least two (2) cases must represent a Facial (Region 1) prosthesis. |
| CONCISE CASES | 15 cases. Cases D-R must be documented solely through photographic means. | Cases must represent different patient cases, with no more than eight (8) of the same type of prostheses (i.e. 8 nasal, 5 auricular, 2 ocular). At least seven (7) cases must be from Region 1 (Facial). | |

Photograph Requirements

Applicants should ensure that color images are scanned and/or saved at 200 PPI or higher. Photographs must not be altered other than cropping. Models and prostheses should be photographed on a solid background. Please reference this [LINK](#) for a guide on basic clinical/portrait photography.

Detailed Case Documentation (3 Cases)

All required case documentation must be labeled in the upper left corner with the appropriate case identifier (A,B, or C).

- 1) Patient Authorization (BCCA Patient Information Release Authorization Form [LINK](#)).
- 2) Photocopy of signed Detailed Written Order from referring physician (**not required for Pathway 2**).
- 3) Care and cleaning instructions provided to patient.
- 4) Narrative presentation of case study including the following information pertinent to patient care:
 - a) Diagnosis and physical findings
 - b) Concerns/limitations (i.e. radiation therapy, mobile underlying soft tissue, manual dexterity, visual acuity, climate, vocation or avocation)
 - c) Treatment plan (i.e. pre-treatment operative plan, retention strategy, sculptural design decisions, material selection)

- d) Patient outcome (i.e. feedback from patient, family, physician and your own feedback to effectiveness of treatment plan)

5) Photographs demonstrating each of the following:

Required view 1- Patient without prosthesis

- Region 1- Facial- For osseointegrated cases, show implant components on patient (i.e. bar or magnetic components on abutments).
- Region 2- Somatic- If applicable, residual limb or chest wall.
- Region 3- Ocular- Portrait and socket view

Required view 2- Impression/moulage (tissue side) or patient model resulting from digital imaging

- Region 1- Facial- Impression front and back
- Region 2- Somatic
 - Fingers, toes, hands, and feet – image of impression.
 - Breast – front and back or patient model resulting from digital imaging
- Region 3- Ocular- Front and back of impression or front and back of fitting shape

Required view 3- Sculptural prototype on patient

- Region 1- Facial- Prototype on patient (wax, clay, or silicone if direct sculpted)
- Region 2- Somatic
 - Fingers, hands, toes, and foot– clear check socket without anatomical extension.
 - Toes or foot- weight-bearing view of socket on patient.
 - Breast – fitting shape.
- Region 3- Ocular- Wax or acrylic prototype on patient.

Required view 4- Mold (all parts shown ready for prosthesis casting)

- For direct silicone sculpting or 3D printing, show images of your workflow process and the intaglio surface.

Required views 5 & 6- External views of final prosthesis on the patient

- Region 1- Facial- Two photos required- portrait (anterior) and profile (lateral)
- Region 2- Somatic- Two-three photos required depending on prosthesis type.
 - Finger, hand, toe, foot- palmar/plantar surface and dorsal surface
 - Breast- view of prosthesis donned with prosthesis in bra or against chest wall and patient in form fitting white t-shirt.
- Region 3- Ocular- Six views required- portrait (anterior), profile (lateral) and frontal view of gaze (superior, inferior, lateral, and medial). To be clear, ask patient to look up, down, left and right.

Required view 7- External (front) view of prosthesis on a solid background for all regions

Required view 8- View of tissue contact or fitting surface of prosthesis on a solid background for all regions

Concise Case Documentation (15 Cases)

All required case documentation must be labeled in the upper left corner with the appropriate case identifier (D-R).

- 1) Patient Authorization (BCCA Patient Information Release Authorization Form).
- 2) Photographs demonstrating each of the following:

Required view 1- Patient without prosthesis

- Region 1- Facial- For osseointegrated cases, show implant components on patient (i.e. bar or magnetic components on abutments).
- Region 2- Somatic- If applicable, residual limb or chest wall.
- Region 3- Ocular- Portrait and socket view

Required views 2 & 3- External views of final prosthesis on the patient

- Region 1- Facial- Two photos required- portrait (anterior) and profile (lateral)
- Region 2- Somatic- Two-three photos required depending on prosthesis type.
 - Finger, hand, toe, foot- palmar/plantar surface and dorsal surface
 - Breast- view can be in bra or against chest wall and patient in form-fitted white t-shirt
- Region 3- Ocular- Six views required- portrait (anterior), profile (lateral) and frontal view of gaze (superior, inferior, lateral, and medial). To be clear, ask patient to look up, down, left and right.

Required view 4- External (front) view of prosthesis on a solid background for all regions

Required view 5- View of tissue contact or fitting surface of prosthesis on a solid background for all regions

Supervised Clinical Experience Verification Requirement

The Supervised Clinical Experience Verification form is provided to the supervising practitioner of the CCA applicant. Applicants are responsible for completing their basic demographic information. The supervising practitioner will complete the rest of the form in its entirety, seal the form in an envelope with their signature across the flap to ensure confidentiality, and return it to the applicant for submission to the BCCA. The required number of hours must be accounted for and verified for the pathway selected. Please review the requirements for the pathway selected on pages 3-5 of this document. The BCCA reserves the right to contact supervisors for verification purposes.

Letters of Recommendation Requirement

The applicant is required to provide two letters of recommendation from a referring physician or physician colleague who has collaborated with the applicant on a minimum of three cases and can attest to the applicant's ability to provide safe and effective clinical services to patients.

The letters of recommendation cannot be from a supervising practitioner.

Physicians must use the CCA Letter of Recommendation Form. The physician will seal the form in an envelope with their signature across the flap to ensure confidentiality and return it to the applicant for submission to the BCCA. The BCCA reserves the right to contact referring physicians for verification purposes.

CLINICAL SUPERVISION

Anaplastology Experience under Direct Clinical Supervision

The scope of anaplastology experience consists of clinical time and patient contact in the following areas: patient assessment including communication with referring or ordering physicians, treatment planning, implementation, prosthetic delivery, and follow-up care including modifying and/or replacing an existing prosthesis. Only training hours within the anaplastology scope of practice are to be counted. Training outside the scope of practice, such as intraoral protheses, cannot be counted toward the required hours. Supervised clinical experience received during academic education will be recognized by the BCCA. Supervised clinical training should be documented in hours (2,000 hours=12 months).

Direct Clinical Supervision

Direct clinical supervision is oversight provided by a supervising practitioner to an applicant. First and foremost, the goal of supervision is to provide reasonable assurance that any mistakes made by the applicant being supervised are corrected before harm is done to the patient. This supervisory relationship is evaluative, extends over time, and has the simultaneous purposes of enhancing the professional functioning of the applicant while monitoring the quality of professional services delivered. Direct clinical supervision is exercised through observation, consultation, directing the learning of the applicant, and via role modeling.

Applicants Responsibilities during Direct Clinical Supervision

Applicant should provide the Supervised Clinical Training Form [LINK](#) to supervising clinician when establishing the relationship and agree upon a system of hourly recordkeeping.

Each applicant must know the limits of his/her scope of authority, and the circumstances under which he/she is permitted to act with conditional independence. Applicants must not attempt to provide clinical services or do procedures for which they are not trained. Clinical responsibilities of each applicant must be based on level of experience, patient safety, education, as well as severity and complexity of patient condition. Each applicant is also responsible for communicating significant patient care issues to the supervising practitioner. The applicant must operate within applicable state and federal laws.

SUPERVISORS

Supervising Practitioners

Supervising practitioners are responsible for, and must be personally involved in, the care provided to individual patients. The supervising practitioner oversees the care of the patient and provides the appropriate type of supervision based on the nature of the patient's condition, complexity of the care, and the experience and judgment of the applicant being supervised. The overriding consideration must be the safe and effective care of the patient.

BCCA defines a qualified Supervising Practitioner as having a minimum of three (3) full-time years of clinical experience in anaplastology and one of the following credentials:

- 1) Certified Clinical Anaplastologist (CCA) in good standing at time of supervision
- 2) Licensed medical doctor (i.e. DDS, DMD, MD, DO) with expertise in anaplastology
- 3) Practicing clinical anaplastologists outside the United States with credentials comparable to the CCA (i.e. MIMPT, FIMPT, Anerkannten Epithetiker, or equivalent government/state health authority)
- 4) Board Certified Ocularist (BCO) or a comparable credential outside the United States
BCO supervision is recognized for Region 3, Ocular prostheses only.
- 5) Certified Prosthetist (CP) or a comparable credential outside the United States
CP supervision is recognized for Region 2, Somatic prostheses only.

Supervised Clinical Experience Verification Requirement

The Supervised Clinical Experience Verification Form is provided to the supervising practitioner of the CCA applicant. Applicants are responsible for completing their basic demographic information; the supervising practitioner will complete the rest of the form in its entirety, seal the form in an envelope with their signature across the flap to ensure confidentiality, and return it to the applicant for submission to the BCCA.