

Commission on Dental Accreditation

Accreditation Standards for Clinical Fellowship Training Programs in Craniofacial and Special Care Orthodontics

Accreditation Standards for Clinical Fellowship Training Programs in Craniofacial and Special Care Orthodontics

Commission on Dental Accreditation
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January 30, 2009	Accreditation Standards for Clinical Fellowship Training Programs in Craniofacial and Special Care Orthodontics	Adopted
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January 30, 2009	Revisions to Language Common to All Specialties (Preface, Definitions of Terms, and Standards 1, 4 and 5)	Adopted
July 1, 2009	Revisions to Language Common to All Specialties (Preface, Definitions of Terms, and Standards 1, 4 and 5)	Implemented
July 31, 2009	Revised Policy on Major Change and Accreditation of Off-Campus Sites	Adopted and Implemented

Orthodontics and Dentofacial Orthopedics: the specialty area of dentistry concerned with the diagnosis, supervision, guidance and correction of malocclusion. (AAO Glossary)

A fellowship in **Craniofacial and Special Care Orthodontics** is a planned post-residency program that contains education and training in a focused area of the specialty of Orthodontics. The focused areas include but not limited to: Cleft lip/palate patient care; Syndromic patient care; Orthognathic Surgery; Craniofacial Surgery and Special Care orthodontics.

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Mission Statement of the Commission on Dental Accreditation

The Commission on Dental Accreditation's mission is to assure the quality of dental and dental-related education by conducting accreditation reviews to determine the degree to which individual programs meet the Commission's published accreditation standards and their own stated goals and objectives. The Commission recognizes only those programs meeting the accreditation standards that are developed and agreed upon by the various communities of interest, including the public. The Commission's second purpose is to enhance and encourage improvement in the quality of its accredited educational programs.

The Commission's accreditation program assures that quality education is available for dentists, dental specialists and allied dental personnel. Quality education ultimately leads to quality dental care for the public.

Thus, the Commission's voluntary accreditation program serves to assure educational quality and to improve the quality of the educational programs in 14 dental and dental-related disciplines. These disciplines include: dentistry, dental assisting, dental hygiene, dental laboratory technology, dental public health, endodontics, oral and maxillofacial pathology, oral and maxillofacial surgery, oral and maxillofacial surgery fellowships, orthodontics and dentofacial orthopedics, craniofacial and special care orthodontics fellowships, pediatric dentistry, periodontics, prosthodontics, general practice residency and advanced general dentistry.

(12/89)

ACCREDITATION STATUS DEFINITIONS

Commission on Dental Accreditation

Revised:

Effective Date:

Programs Which Are Fully Operational

APPROVAL (without reporting requirements): An accreditation classification granted to an educational program indicating that the program achieves or exceeds the basic requirements for accreditation.

APPROVAL (with reporting requirements): An accreditation classification granted to an educational program indicating that specific deficiencies or weaknesses exist in one or more areas of the program. Evidence of compliance with the cited standards **must** be demonstrated within 18 months if the program is between one and two years in length or two years if the program is at least two years in length. If the deficiencies are not corrected within the specified time period, accreditation will be withdrawn, unless the Commission extends the period for achieving compliance for good cause.

Programs Which Are Not Fully Operational

A program which has not enrolled and graduated at least one class of students/residents and does not have students/residents enrolled in each year of the program is defined by the Commission as “not fully operational.” The accreditation classification granted by the Commission on Dental Accreditation to programs which are not fully operational is “initial accreditation.” When “initial accreditation” status is granted to a developing education program, it is in effect through the projected initial enrollment date. However, if enrollment is delayed for two consecutive years, the institution must reapply for “initial accreditation” and update pertinent information on program development. Following this, the Commission will reconsider granting “initial accreditation” status.

Initial accreditation is the accreditation classification granted to any dental, advanced dental or allied dental education program which is in the planning and early stages of development or an intermediate stage of program implementation and not yet fully operational. This accreditation classification provides evidence to educational institutions, licensing bodies, government or other granting agencies that, at the time of initial evaluation(s), the developing program has the potential for meeting the standards set forth in the requirements for an accredited educational program for the specific occupational area. The classification “initial accreditation” is granted based upon one or more site evaluation visit(s) and until the program is fully operational.

(CODA: 02/02; Revised: 07/08)

Effective Date: January 1, 2003

Preface

Maintaining and improving the quality of advanced education in the nationally recognized craniofacial and special care orthodontics fellowships is a primary aim of the Commission on Dental Accreditation. The Commission is recognized by the public, the profession, and the United States Department of Education as the specialized accrediting agency in dentistry.

Accreditation of advanced fellowship programs is a voluntary effort of all parties involved. The process of accreditation assures students/fellows, specialty boards and the public that accredited training programs are in compliance with published standards.

A fellowship in craniofacial and special needs orthodontics is a planned post-residency program that contains advanced education and training in a focused area of the specialty of orthodontics. The focused areas include:

Cleft lip/palate patient care; Syndromic patient care; Orthognathic Surgery; Craniofacial Surgery and Special Care Orthodontics.

Accreditation actions by the Commission on Dental Accreditation are based on information gained through written submissions by program directors and evaluations made on site by assigned consultants. The Commission has established review committees in each of the recognized specialties to review site visit and progress reports and make recommendations to the Commission. Review committees are composed of representatives selected by the specialties and their certifying boards. The Commission has the ultimate responsibility for determining a program's accreditation status. The Commission is also responsible for adjudication of appeals of adverse decisions and has established policies and procedures for appeal. A copy of policies and procedures may be obtained from the Director, Commission on Dental Accreditation, 211 East Chicago Avenue, Chicago, Illinois 60611.

This document constitutes the standards by which the Commission on Dental Accreditation and its consultants will evaluate fellowship programs for accreditation purposes. The general and specific standards, subsequent to approval by the Commission on Dental Accreditation, set forth the standards for the essential educational content, instructional activities, patient care responsibilities, supervision and facilities that should be provided by fellowships in the particular area.

General standards are identified by the use of a single numerical listing (e.g., I). Specific standards are identified by the use of multiple numerical listings (e.g., 1-1, 1-1.2, 1-2).

Policy on Major Changes

Major changes as defined by the Commission are to be reported promptly to the Commission on Dental Accreditation. (Guidelines for Reporting Major Changes are available from the Commission Office). Major changes have a direct and significant impact on the program's potential ability to comply with the accreditation standards. Examples of major changes that must be reported include (but are not limited to) changes in program director, clinical facilities, program sponsorship, curriculum length or enrollment increase. The program must report such major changes in writing to the Commission at least thirty (30) days prior to the anticipated implementation of the change. Failure to comply with the policy will jeopardize the program's accreditation status. Advanced specialty education programs must adhere to the Policy on Enrollment Increases in Dental Specialty Programs.

AUTHORIZED ENROLLMENT

Craniofacial orthodontic and special care orthodontics fellowship programs are accredited for a specified number of students/fellows in each year of the program. Prior authorization is required for an increase in enrollment beyond the authorized level in any year, for any reason and regardless of whether the increase is a one-time-only or a permanent change in enrollment. Failure to comply with this policy will jeopardize the program's accreditation status.

Definitions of Terms Used in Craniofacial and Special Care Orthodontics Accreditation Standards

The terms used in this document (i.e. shall, **must**, should, can and may) were selected carefully and indicate the relative weight that the Commission attaches to each statement. The definitions of these words used in the Standards are as follows:

Must or Shall: Indicates an imperative need and/or duty; an essential or indispensable item; mandatory.

Should: Indicates a method to achieve the standards.

May or Could: Indicates freedom or liberty to follow a suggested alternative.

Levels of Knowledge:

In-depth: A thorough knowledge of concepts and theories for the purpose of critical analysis and the synthesis of more complete understanding.

Understanding: Adequate knowledge with the ability to apply.

Familiarity: A simplified knowledge for the purpose of orientation and recognition of general principles.

Levels of Skills:

Proficient: The level of skill beyond competency. It is that level of skill acquired through advanced training or the level of skill attained when a particular activity is accomplished with repeated quality and a more efficient utilization of time.

Competent: The level of skill displaying special ability or knowledge derived from training and experience.

Exposed: The level of skill attained by observation of or participation in a particular activity.

Other Terms:

Institution (or organizational unit of an institution): a dental, medical or public health school, patient care facility, or other entity that engages in advanced specialty education.

Sponsoring institution: primary responsibility for advanced specialty education programs.

Affiliated institution: support responsibility for advanced specialty education programs.

STANDARD 1 - INSTITUTIONAL COMMITMENT/PROGRAM EFFECTIVENESS

The program **must** develop clearly stated goals and objectives appropriate to advanced specialty education, addressing education, patient care, research and service. Planning for, evaluation of and improvement of educational quality for the program **must** be broad-based, systematic, continuous and designed to promote achievement of program goals related to education, patient care, research and service.

The program **must** document its effectiveness using a formal and ongoing outcomes assessment process to include measures of fellowship student achievement.

Intent: The Commission on Dental Accreditation expects each program to define its own goals and objectives for preparing individuals for the practice of Craniofacial and Special Care Orthodontics and that one of the program goals is to comprehensively prepare competent individuals to initially practice Craniofacial and Special Care Orthodontics. The outcomes process includes steps to: (a) develop clear, measurable goals and objectives consistent with the program's purpose/mission; (b) develop procedures for evaluating the extent to which the goals and objectives are met; (c) collect and maintain data in an ongoing and systematic manner; (d) analyze the data collected and share the results with appropriate audiences; (e) identify and implement corrective actions to strengthen the program; and (f) review the assessment plan, revise as appropriate, and continue the cyclical process.

The financial resources **must** be sufficient to support the program's stated goals and objectives.

Intent: The institution should have the financial resources required to develop and sustain the program on a continuing basis. The program should have the ability to employ an adequate number of full-time faculty, purchase and maintain equipment, procure supplies, reference material and teaching aids as reflected in annual budget appropriations. Financial allocations should assure that the program will be in a competitive position to recruit and retain qualified faculty. Annual appropriations should provide for innovations and changes necessary to reflect current concepts of education in the advanced specialty discipline. The Commission will assess the adequacy of financial support on the basis of current appropriations and the stability of sources of funding for the program.

The sponsoring institution **must** assure that support from entities outside of the institution does not compromise the teaching, clinical and research components of the program.

Examples of evidence to demonstrate compliance may include:

- Written agreement(s)
- Contract(s)/Agreement(s) between the institution/program and sponsor(s) related to facilities, funding, and faculty financial support

Hospitals that sponsor fellowships **must** be accredited by the Joint Commission on Accreditation of Healthcare Organizations or its equivalent. Educational institutions that sponsor fellowships **must** be accredited by an agency recognized by the United States Department of Education. The bylaws, rules and regulations of hospitals that sponsor or provide a substantial portion of fellowship programs **must** assure that dentists are eligible for medical staff membership and privileges including the right to vote, hold office, serve on medical staff committees and admit, manage and discharge patients.

The authority and final responsibility for curriculum development and approval, student/fellow selection, faculty selection and administrative matters **must** rest within the sponsoring institution.

The position of the program in the administrative structure **must** be consistent with that of other parallel programs within the institution and the program director **must** have the authority, responsibility, and privileges necessary to manage the program.

- 1-1 Fellowships which are based in institutions or centers that also sponsor orthodontic residency training programs **must** demonstrate that the fellowship and residency programs are not in conflict. The fellowship experience **must** not compete with the residency training program for cases. Separate statistics **must** be maintained for each program.
- 1-2 Members of the teaching staff participating in an accredited fellowship program **must** be able to practice the full scope of the specialty in the focused area and in accordance with their training, experience and demonstrated competence.

AFFILIATIONS

The primary sponsor of the fellowship program **must** accept full responsibility for the quality of education provided in all affiliated institutions.

Documentary evidence of agreements, approved by the sponsoring and relevant affiliated institutions, **must** be available. The following items **must** be covered in such inter-institutional agreements:

- a. Designation of a single program director;
- b. The teaching staff;
- c. The educational objectives of the program;
- d. The period of assignment of students/fellows; and
- e. Each institution's financial commitment.

Intent: The items are covered in inter-institutional agreements do not have to be contained in a single document. They may be included in multiple agreements, both formal and informal (e.g., addenda and letters of mutual understanding).

Policy Statement on Accreditation of Off-Campus Sites

The Commission on Dental Accreditation must be informed when an institution, which has a program accredited by the Commission, plans to initiate an off campus site (distance site and/or additional training site not located on the main campus) in which all or the majority of the instruction occurs. In accordance with the Policy on Reporting Major Changes in Accredited Programs, the Commission must be informed in writing at least thirty (30) days prior to the anticipated implementation of the change.

The Commission on Dental Accreditation must ensure that the necessary education as defined by the Standards is available, and appropriate resources (adequate faculty and staff, availability of patient experiences, and distance learning provisions) are provided to all students/residents enrolled in an accredited program. When the Commission has received notification that an institution plans to offer its accredited program at an off-campus site, the Commission will conduct a special focused site visit to each off-campus location where 20% or more of the clinical instruction occurs for each student/resident or if other cause exists for such a visit. After its initial visit, each site will be visited during the regularly scheduled site visit to the program.

The Commission recognizes that dental assisting and dental laboratory technology programs utilize numerous extramural dental offices and laboratories to provide students with clinical/laboratory practice experience. In this instance, the Commission will randomly select and visit several facilities during the site visit to a program.

All programs accredited by the Commission pay an annual fee. There are variations in fees for different disciplines, based on actual accreditation costs incurred during the visit to on- and off-campus locations. The Commission office should be contacted for current information on fees.

(Revised: 07/09; 07/07; Reaffirmed: 01/06; 02/02; Adopted: 07/98)

STANDARD 2 - PROGRAM DIRECTOR AND TEACHING STAFF

The program **must** be administered by a director who has documented expertise in Craniofacial Anomalies and Special Care (CFA&SC) orthodontics. Additionally, the program director **must** either be board certified in orthodontics or have previously served as a director in a craniofacial orthodontic fellowship program prior to January 1, 2008.

Examples of evidence to demonstrate compliance may include: Board certification certificate or current CV identifying previous directorship in a Craniofacial Orthodontic Fellowship and letter from the employing institution verifying service.

2-1 Program Director: The program **must** be directed by one individual. The responsibilities of the program director **must** include:

2-1.1 Development of the goals and objectives of the program and definition of a systematic method of assessing these goals by appropriate outcomes measures.

2-1.2 Ensuring the provision of adequate physical facilities for the educational process.

2-1.3 Participation in selection and supervision of the teaching staff. Perform periodic, at least annual, written evaluations of the teaching staff.

2-1.4 Responsibility for adequate educational resource materials for education of the students/fellows, including access to adequate learning resources.

2-1.5 Responsibility for selection of students/fellows and ensuring that all appointed students/fellows meet the minimum eligibility requirements.

2-1.6 Maintenance of appropriate records of the program, including student/fellow and patient statistics, institutional agreements, and student/fellow records.

2-2 Teaching Staff: The teaching staff **must** be of adequate size and **must** provide for the following:

2-2.1 Provide direct supervision appropriate to a student's/fellow's competence, level of training, in all patient care settings.

2-3 Scholarly Activity of Faculty: There **must** be evidence of scholarly activity among the fellowship faculty. Such evidence may include:

a. Participation in clinical and/or basic research particularly in projects funded following peer review;

- b. Publication of the results of innovative thought, data gathering research projects, and thorough reviews of controversial issues in peer-reviewed and scientific media.
- c. Presentation at scientific meetings and/or continuing education courses at the local, regional, or national level.

STANDARD 3 - FACILITIES AND RESOURCES

Facilities and resources **must** be adequate to provide the educational experiences and opportunities required to fulfill the needs of the educational program as specified in these Standards. Equipment and supplies for use in managing medical emergencies **must** be readily accessible and functional.

Intent: The facilities and resources (e.g.; support/secretarial staff, allied personnel and/or technical staff) should permit the attainment of program goals and objectives. To assure health and safety for patients, students/fellows, faculty and staff, the physical facilities and equipment should effectively accommodate the clinic and/or laboratory schedule.

The program **must** document its compliance with any applicable regulations of local, state and federal agencies including but not limited to radiation hygiene and protection, ionizing radiation, hazardous materials, and bloodborne and infectious diseases. Policies **must** be provided to all students/fellows, faculty and appropriate support staff and continuously monitored for compliance. Additionally, policies on bloodborne and infectious diseases **must** be made available to applicants for admission and patients.

Intent: The program may document compliance by including the applicable program policies. The program demonstrates how the policies are provided to the students/fellows, faculty and appropriate support staff and who is responsible for monitoring compliance. Applicable policy states how it is made available to applicants for admission and patients should a request to review the policy be made.

Students/Fellows, faculty and appropriate support staff **must** be encouraged to be immunized against and/or tested for infectious diseases, such as mumps, measles, rubella and hepatitis B, prior to contact with patients and/or infectious objects or materials, in an effort to minimize the risk to patients and personnel.

Intent: The program should have written policy that encourages (e.g., delineates the advantages of) immunization for students/fellows, faculty and appropriate support staff.

Students/Fellows, faculty and support staff involved in the direct provision of patient care **must** be continuously recognized/certified in basic life support procedures, including cardiopulmonary resuscitation.

Intent: Continuously recognized/certified in basic life support procedures means the appropriate individuals are currently recognized/certified.

The use of private office facilities as a means of providing clinical experiences in advanced specialty education is not approved, unless the specialty has included language that defines the use of such facilities in its specialty-specific Standards.

Intent: Required orthodontic fellowship clinical experiences do not occur in private office facilities. Practice management and elective experiences may be undertaken in private office facilities.

- 3-1 Adequate space **must** be designated specifically for the clinical fellowship training program in Craniofacial and Special Care Orthodontics.

Intent: Dedicated space is necessary to maintain the autonomy of a program. Sharing the same clinical facilities with other areas of dentistry is not permitted.

- 3-2 Facilities **must** permit the students/fellows to work effectively with trained allied dental personnel.

Intent: A program is expected to have auxiliaries available to assist the students/fellows so the program can meet the educational Standards.

Examples of evidence to demonstrate compliance may include:

- Schedule of dental assistants' assignments
- 3-3 Radiographic, biometric and data collecting facilities **must** be readily available to document both clinical and research data. Imaging equipment **must** be available.
- 3-4 Students/Fellows in a Craniofacial and Special Care Orthodontic program **must** have access to adequate space, equipment, and physical facilities to do research.

Intent: Adequate space is necessary to do research, but does not need to be dedicated to craniofacial and special care orthodontic research.

- 3-5 Adequate secretarial, clerical, dental auxiliary and technical personnel **must** be provided to enable students/fellows to achieve the educational goals of the program.

Intent: The intent is to assure the students/fellows in Craniofacial and Special Care Orthodontics utilize their time for educational purposes.

- 3-6 Clinical facilities **must** be provided within the sponsoring, affiliated institution or surgical center to fulfill the educational needs of the program.
- 3-7 Sufficient space **must** be provided for storage of patient records, models and other related diagnostic materials.

3-8 These records and materials **must** be readily available to effectively document active treatment progress and immediate as well as long term post-treatment results.

Intent: Students/Fellows are expected to have easy access to active, post treatment, and retention records. These records should be complete.

3-9 Digital radiography equipment **must** be available and accessible to the orthodontic clinic so that panoramic, cephalometric and other images can be provided for patients. Cone-beam volumetric images are also acceptable.

Intent: High quality radiographic images are essential for orthodontic and dentofacial orthopedic therapy. Three dimensional cone-beam CT images of the dentition, face and TMJs are acceptable if the equipment is convenient.

STANDARD 4 - CURRICULUM AND PROGRAM DURATION

The fellowship program **must** be designed to provide special knowledge and skills beyond residency training. Documentation of all program activities **must** be assured by the program director and available for review.

- 4-1 The fellowship program is a structured post-residency program which is designed to provide special knowledge and skills for management of Craniofacial Anomalies and Special Care (CFA&SC) patients. These patients have craniofacial anomalies that affect the face and stomatognathic system and require special care due to physical mental and/or psychological conditions. The goals of the fellowship program **must** be clearly identified and documented.
- 4-2 The duration of the fellowship program **must** be a minimum of twelve months.
- 4-3 The fellowship program **must** include a formally structured curriculum. The curriculum **must** include the following experiences for each student/fellow:
 - a. regularly scheduled grand rounds case presentations
 - b. historical and current scientific literature review
 - c. research methodology and biostatistics
 - d. training in the allied medical sciences and social services required to manage the unique needs of CFA&SC patients and their families
- 4-4 The fellowship program **must** provide a complete sequence of patient experiences which includes:
 - a. pre-treatment evaluation and orthodontic record taking;
 - b. diagnosis and treatment planning;
 - c. advanced training in the use of the specialized orthodontic appliances required for the management of CFA&SC patients;
 - d. retention and long-term post-treatment evaluation.
- 4-5 The student/fellow **must** maintain a treatment log of all patients under their care with associated treatment plans/ procedures performed and include at least the date of the procedure, patient name, patient identification number, and the outcome of the procedure, and long-term follow-up plans when applicable.

STANDARD 5 – STUDENTS/FELLOWS

ELIGIBILITY AND SELECTION

Orthodontists who have completed their formal orthodontic residency training are eligible for fellowship program consideration.

- 5-1 Nondiscriminatory policies **must** be followed in selecting students/fellows.
- 5-2 There **must** be no discrimination in the selection process based on professional degree(s).

Specific written criteria, policies and procedures **must** be followed when admitting students/fellows.

EVALUATION

A system of ongoing evaluation and advancement **must** assure that, through the director and faculty, each program:

- a. Periodically, but at least semiannually, evaluates the knowledge, skills, ethical conduct and professional growth of its fellowship students, using appropriate written criteria and procedures;
- b. Provide to fellowship students an assessment of their performance, at least semiannually;
- c. Maintains a personal record of evaluation for each fellowship student which is accessible to the fellowship student and available for review during site visits.

Intent: A copy of the final written evaluation stating that the student/ fellow has demonstrated competency to practice independently should be provided to each individual upon completion of the fellowship program.

DUE PROCESS

There **must** be specific written due process policies and procedures for adjudication of academic and disciplinary complaints, which parallel those established by the sponsoring institution.

RIGHTS AND RESPONSIBILITIES

At the time of enrollment, the fellowship students **must** be apprised in writing of the educational experience to be provided, including the nature of assignments to other departments or institutions and teaching commitments. Additionally, all fellowship students **must** be provided with written information which affirms their obligations and responsibilities to the institution, the program and program faculty.

STANDARD 6 - FELLOWSHIP PROGRAMS

Those enrolled in an accredited clinical fellowship program in Craniofacial Anomalies and Special Care (CFA&SC) orthodontics complete advanced training in a focused area:

6-1 Fellowship Program: A fellowship is a structured post-residency educational experience devoted to enhancement and acquisition of skills in a focused area and **must** be taught to a level of proficiency.

6-2 Craniofacial and Special Care Orthodontics:

Craniofacial is that area of orthodontics that treats patients with congenital and acquired deformities of the integument and its underlying musculoskeletal system within the maxillofacial area and associated structures. Special Care is that area of orthodontics that treats patients with special needs including disabilities and medically compromised patients who require comprehensive treatment.

6-2.1 Goals/Objectives: To provide comprehensive clinical and didactic training as the orthodontist, who works with a craniofacial team treating patients with a broad scope of craniofacial deformities and special needs situations.

6-2.2 Clinical Experience: Clinical experience **must** include the following procedures and **must** exist in sufficient number and variety to assure that objectives of the training are met:

- a. experience with acceptable forms of pre-surgical orthopedics for infants born with cleft lip and palate;
- b. orthodontic therapy for patients with craniofacial deformities from the primary through adult dentition;
- c. orthodontic management of patients with cleft or craniofacial anomalies; surgical/orthodontic treatment planning;
- d. pre and post surgical orthodontic management;
- e. surgical splint design and construction, and observation of surgical fixation splints in the operating room to assure appropriate placement;
- f. orthodontic treatment for patients who are medically compromised, have disabilities and/or special needs;

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- g. participation in interdisciplinary dental care, clinical support and appropriate guidance for dentists providing restorative services for CFA & SC patients;
- h. rotations to Plastic and Craniofacial Surgery, Oral and Maxillofacial Surgery, Sleep Disorders Clinic, Genetics Clinic, Speech and Language Pathology Clinic, and Pediatric Dentistry for additional exposure to management of CFA&SC patients.
- i. supervised participation in craniofacial team activities.

STANDARD 7 - RESEARCH

Students/Fellows **must** engage in an evidence-based research project approved by the director of the program which should include one or more of the following

- 7-1 Analyses based on clinical case records.
Participation in clinical and/or basic research particularly in projects funded following peer review and Institutional Review Board (IRB) approval.
- 7-2 Publication of case reports or hypotheses-driven research in peer reviewed journals related to the field of Craniofacial Anomalies and Special Care (CFA&SC) orthodontics.
- 7-3 Presentation at scientific meetings and/or continuing education courses at the local, regional, or national and international levels.

Examples of evidence to demonstrate compliance may include:

- a. Basic Sciences or Clinical Research Investigation
- b. Meta-Analyses or Systematic Reviews of scientific literature