Academic unit: _Advanced Education in General Dentistry_____ College: _College of Health Professions_____

Date of last review ___n/a_____ _____ _ Date of last accreditation report (if relevant) _6/15/2017____

List all degrees described in this report (add lines as necessary)

Please list the program purpose statement. Explain in 2 concise paragraphs the role of the program and tie

explore additional activities that helps grow the culture within the program as well as tailors the educational outcomes to the specific needs of the Residents and community. AEGD continues to participate in exit surveys to create a feedback loop of information that can be processed and used to improve the program in the future.   AEGD is currently working towards a goal of establishing a budget process that will prioritize the needs of the clinic as well as allow the program to invest in faculty, Resident and staff professional development.

The Advanced Education in General Dentistry (AEGD) Program at Wichita State University (WSU) is a one-year postdoctoral education program that offers dentists the opportunity for an advanced comprehensive clinical experience. The program is designed to increase resident knowledge and clinical capabilities in preparation for dental practice. A state-of-the-art AEGD clinical facility provides the environment for residents to have the experience of delivering comprehensive patient care in a group practice, while performing procedures that range from basic restorations, to placement and re

Analyze the quality of the program as assessed by its curriculum and impact on students for each program (if more than one). Attach updated program assessment plan(s) as an appendix (refer to instructions in the WSU Program Review document for more information).

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1. Please review Table 8 provided by the Office of Planning and Analysis. Is the program ACT below 20 (triggered by KBOR defined Minima)? ☐ Yes   ☐ No

   AEGD is a Post-Doctoral Program, no Undergraduates are eligible for admission.

1. Please review Table 9 provided by the Office of Planning and Analysis. Is the program GPA below the university average? ☐ Yes   ☐ No

   The "student status" of AEGD Residents is based on enrollment in a non-credit classes for the purpose of earning the Advanced Education in General Dentistry certificate, and qualifying for the deferment of student loans while enrolled in the residency program. The letter grade structure is not utilized within the program, therefore no GPA is collected.

   Accrediting Body: Commission on Dental Accreditation

   Next Review Date: 2024

   Commendations and concerns from the last review:

   It was recommended that all arrangements with co-sponsoring, affiliated institutions or extramural facilities be formalized by means of written agreements that clearly define the roles and responsibilities of the parties involved. (As of January 2010, the Commission was notified that all affiliation agreements were signed and in place. Signed copies were included in the notification.

1. Complete the table below with program level data. Identify the principal learning outcomes (i.e., with what skills does your Program expect students to graduate) and provide aggregate data on how students are meeting those outcomes

You may add an appendix to provide more explanation/details. (If specialty accreditation has been conferred within 18 months of this process, programs can append the information from the accreditation document to this self-study and cite, with page number, the appropriate information. If specialty accreditation has not been affirmed within 18 months, please complete the table or submit an updated version of your accreditation information. If not accredited, please complete the table below.)

Table 2 Learning Outcome Assessment					
Learning Outcomes (most programs will have multiple outcomes)	Assessment Type (e.g., portfolios, exams)	Assessment Tool (e.g. rubrics, grading scale)	Target/Criteria (desired program level achievement)	Results	Analysis
Students will have a basic understanding of human anatomy.	*Comprehensive Exam*	*Rubric*	*80% of students will score 80% Or <*	*90% of students scored 80% or better.*	*Proficient knowledge of anatomy has been demonstrated.*
1. Function as a patient's primary and comprehensive oral health care provider (treatment plan routing sheet)	Resident Portfolio, Treatment Plan routing sheet, 51 Faculty Assessments, Eaglesoft Schedule, Reflection Papers	Rubric	100% of Residents		

	Eaglesoft Schedule, Reflection Papers				
5. Use accepted prevention strategies to help patients maintain and improve their oral health and aspects of their systemic health	Resident Portfolio, Treatment Plan routing sheet, 51 Faculty Assessments, Eaglesoft Schedule, Reflection Papers	Rubric	100% of Residents will score a Level III	100% of Residents scored a Level III or better.	Residents will demonstrate Competent, practical application.

7. Obtain informed consent for dental treatment by discussing with patients, or parents/guardians of the following: findings, diagnoses, the risks, benefits, and process of various treatment options, patient responsibilities during and after treatment, estimated fees and payment responsibilities	Resident Portfolio, Treatment Plan routing sheet, 51 Faculty Assessments, Eaglesoft Schedule, Reflection Papers	Rubric	100% of Residents will score a Level III	100% of Residents scored a Level III or better.	Residents will demonstrate Competent, practical application. Expert help may be necessary but usually skill can be performed independently.
8. Develop the data obtained from a comprehensive exam into a complete problem list that facilitates solving problems with a comprehensive sequenced treatment plan, which respects a patient's cultural individuality, special needs of any social, medical, or psychological issues	Resident Portfolio, Treatment Plan routing sheet, 51 Faculty Assessments, Eaglesoft Schedule, Reflection Papers	Rubric	100% of Residents will score a Level III	100% of Residents scored a Level III or better.	Residents will demonstrate Competent, practical application. Expert help may be necessary but usually skill can be performed independently.

9. Develop and perform the skills to successfully complete a comprehensive and complex treatment plan in an efficient manner and recognize which procedures would be better managed by an appropriate referral (be able to recognize limitations)	Resident Portfolio, Treatment Plan routing sheet, 51 Faculty Assessments, Eaglesoft Schedule, Reflection Papers	Rubric	100% of Residents will score a Level III	100% of Residents scored a Level III or better.	Residents will demonstrate Competent, practical application. Expert help may be necessary but usually skill can be performed independently.
10. Modify a treatment plan, if indicated, based on therapeutic outcomes, unexpected circumstances of the patient's individuals needs	Resident Portfolio, Treatment Plan routing sheet, 51 Faculty Assessments, Eaglesoft Schedule, Reflection Papers	Rubric	100% of Residents will score a Level III	100% of Residents scored a Level III or better.	Residents will demonstrate Competent, practical application. Expert help may be necessary but usually skill can be performed independently.
11. Treat patients with intraoral dental emergencies and infections	Resident Portfolio, Treatment Plan routing sheet, 51 Faculty Assessments, Eaglesoft Schedule, Reflection Papers	Rubric	100% of Residents will score a Level III	100% of Residents scored a Level III or better.	Residents will demonstrate Competent, practical application. Expert help may be necessary but usually skill can be performed independently.

| 12. Anticipate, prevent, diagnose and provide initial treatment and follow-up management for medical emergencies that may occur during dental treatment | Resident Portfolio, Treatment Plan routing sheet, 51 Faculty Assessments, Eaglesoft Schedule, Reflection Papers | Rubric | 100% of Residents will score a Level III | 100% of Residents scored a Level III or better. | Residents will demonstrate Competent, practical application. Expert help may be necessary but usually skill can be performed independently. |

| 16. Understand the principles, diagnostic procedures, techniques, and materials appropriately apply them when treating patients with missing teeth requiring complicated fixed restorations | Resident Portfolio, Treatment Plan routing sheet, 51 Faculty Assessments | Rubric | 100% of Residents will score a Level III | 100% of Residents scored a Level III or better. | Residents will demonstrate Competent, practical application. |

26. Recognize, diagnose and manage or treat complex endodontic therapy and its complications	Resident Portfolio, 51 Faculty Assessments	Rubric	100% of Residents will score a Level I	100% of Residents scored a Level I or better	Residents will demo Fundamental aware knowledge) technic concepts
27. Operative complexities of size, extension or compromises in treatment plan (4 or more surface restoration, provisional or core build up as interim restoration)	Resident Portfolio, 51 Faculty Assessments	Rubric	100% of Residents will score a Level III	100% of Residents scored a Level III or better.	Residents will de Competent, pra Expert help m ut usually skill independ
28. Operative complexities requires additional radiographs or specialty consults for final restoration	Resident 51 Faculty Assessments		100% of Residents will score a Level III	100% of Residents scored a Le	demonstrate t, practical application. pert help may be necessary but usually skill can be performed independently.
29. Anticipate full crown restoration that requires modification from ideal OR requires radiographic verification	Resident Portfolio, 51 Faculty Assessments	Rubric	score a Level III	100% of Residents scored a Level III or better.	Residents will demonstrate Competent, practical application. Expert help may be necessary but usually skill can be performed independently.

30. Understand and apply

component of dental
implant systems

37. Understand and apply to actual clinical cases the principles and techniques of uncomplicated pre-prosthetic surgery	Resident Portfolio, 51 Faculty Assessments	Rubric	100% of Residents will score a Level I	100% of Residents scored a Level I or better	Residents will demonstrate Fundamental awareness (basic knowledge) techniques and concepts
38. Recognize and manage the indications and principles of biopsy techniques and apply them to clinical cases of soft and hard tissue lesions	Resident Portfolio, 51 Faculty Assessments				

| 49. Use pharmacologic agents in the treatment of dental patients | Resident Portfolio, 51 Faculty Assessments, Consent form | Rubric | 100% of Residents will score a Level III |

Table4 General Education Outcomes

Course	Results	Assessment Type	General Education Outcomes			
			Have acquired knowledge in the arts, humanities, and natural and social sciences	Think critically and independently	Write and speak effectively	Employ analytical reasoning and problem-solving techniques
Math 242: Calculus I	2015: 96% passed 2016: 87% passed 2017: 96% passed			x		x

patient treatment. In 2018 the Wichita District Dental Society named AEGD Program Director, Dr. Dean Elledge 'Dentist of the Year.'   The AEGD Program is one of the testing locations for the Clinicians Review and performs live testing on patient care products, techniques and other newly invented items as it relates to the dental field. The Residents provide a necessary service to improve the patient treatment outcomes by providing feedback on each item/technique which is provided to dentists nationwide.

Analyze the student need and employer demand for the program/certificate. Complete for each program if appropriate

AEGD residents are enrolled in zero credit courses.

The AEGD Clinic can offer comprehensive care to other patients seen in other on campus clinics. For example, AEGD is one of the referral locations for patients seen in the Dental Hygiene clinic who need more advanced care. Our clinic is also a rotation site for both Dental Hygiene students (both Junior and Senior levels) as well as the WSU Tech Dental Assisting Program. We provide hands on applied learning experiences to others in the dental field, working with live patients consistent with what they will experience in the real world dental practices.

The College of Health Professions mission is to lead the change in healthcare education, and by being the only AEGD Program within in the State of Kansas, the program is fulfilling that mission. AEGD is not only educating, training and trying to retain dentist to practice in Kansas, the program is also helping to train the workforce needed to continuing to serve patients in the future. By providing a one in a kind opportunity for new dentists to experience all aspects of patient care, we are graduating competent dentists who can become a well-rounded dental provider.

For each graduate program, summarize and reflect on the progress you have made toward your GEM plan following the (a)-(d) template.

AEGD does not have a GEM plan, it is a Post-Doctoral Certificate program.

For each undergraduate program, summarize and reflect on the progress you have made toward your colleges enrollment goals.

AEGD does not have a Undergraduate Enrollment Management plan, it is a Post-Doctoral Certificate program.

Finding appropriate funding is always a challenge as the AEGD Clinic must rely on revenues generated from patient care. Also, not involved in Undergraduate Enrollment Management.

At the conclusion of the last program self study performed, the committee provided recommendations for improvement for the department. Please list those recommendations and note your progress to date on implementation.

Table6 Changes made based on Previous Recommendations

Recommendation	Activity	Outcome
All arrangements with co-sponsoring, affiliated institutions or extramural facilities be formalized by means of written agreements that clearly define the roles and responsibilities of the parties involved.	Affiliation agreements and volunteer faculty agreements were created.	Affiliation Agreements and Volunteer Faculty Agreements have been signed.

Report on the Program's/certificate's goal (s) from the last review. **List the goal(s), data that may have been**