IDAHO STATE UNIVERSITY

IDAHO ADVANCED GENERAL DENTISTRY
RESIDENCY PROGRAM

ASSESSMENT PLAN

Outcomes Assessment Committee
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Approved by Department of Dental Education
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Idaho State University

Idaho Advanced General Education (IAGD) Residency Program

Assessment Plan

Spring 2000

Introduction:

The Idaho Advanced General Education (IAGD) Residency Program’s goal is to support the Idaho community’s needs for comprehensive dental care by increasing the knowledge and clinical skills of the general dentist beyond that achieved in the pre-doctoral education. Through an integrated multidisciplinary learning environment, residents are able to increase their competence in the application of modern standards of care and practice management. IAGD is committed to supporting the academic, professional and personal growth and development in each of its students. This is done through excellence in teaching, research, and scholarly activates. The goals of IAGD for academic and professional achievement support the College of Health Professions Mission of “…enhancement of the quality of life of the residents of Idaho and the greater community though the education of students in the health care professions…facilitated through excellence in research, community service, teaching, and the application of technology.” The University is committed to serving the higher education needs of the citizens of the state and the intermountain area. To this end, IAGD aspires to support both the needs of newly graduating dentists for exceptional post-doctoral dental training and also the needs of the communities within the state for comprehensive, affordable dental care.

The Idaho Advanced General Dentistry Residency Program, in keeping with its dedication to providing the most comprehensive learning and teaching environment, strongly supports an efficient assessment program for resident learning and instructional development. With this commitment to excellence, the assessment plan measures resident’s mastery of the programmatic goals and objective enumerated within, and provides statistical support and data for curriculum and program review.

Program Description

The Idaho Advanced General Dentistry Residency Program is a one-year post-doctoral residency program, focusing on providing comprehensive care in a variety of clinical settings, emphasizing rural, underserved, and at risk populations. Residents also receive training with patients who have emergency or episodic needs. A certificate is awarded upon completion of the program.

The IAGD residency Program is housed in the Family Practice Clinic located on the ISU campus. The group practice clinic is a fully equipped, newly renovated clinic offering state of the art equipment, facilities and full-time dental auxiliaries. The faculty consists of generalist and specialists who are scheduled to provide consultation and clinical on-site instruction. Residents are responsible for learning to function effectively as a primary dental care provider. This role includes personally providing patient focused care utilizing routine and advanced treatment modalities as well as directing interdisciplinary treatment among various specialties. Residents also plan, implement, and manage care for special patient populations. In addition, residents have the opportunity to participate in implant dentistry and conscious sedation/hospital dentistry.

The IAGD program has ( ) full-time and ( ) part-time faculty teaching courses in Clinic Management, Dental Implantology, Parenteral Sedation, Dental Practicum, and Medicine Seminar, Dental Literature Review.
**Mission Statement**

The mission of the Idaho Advanced General Dental Education Residency Program (IAGD) is to provide an educational opportunity for the development of knowledge, skill and abilities at a post-doctorate level in general dentistry, while providing the Idaho community members and rural, indigent and at-risk populations with access to comprehensive, affordable dental health care.

**Environmental Scan**

**Internal**

**External**

**Objectives and Expected Outcomes**

As a post-doctoral training program, the goals the program are to expand upon the basic skills obtained during dental school, providing the resident with a expanded knowledge and experience base at the conclusion of the program. To the end, the graduates of the Idaho Advanced General Dentistry Residency Program will demonstrate mastery in the following areas:

1. Function effectively as a patient’s primary dental care provider, providing emergency and comprehensive oral health care of both a rehabilitative and preventative nature.
2. Plan, implement and manage the multidisciplinary care of patients with special needs.
4. Support care and treatment decisions with adequate scientific and methodological background through utilization of basic scientific principles, critical thinking and outcomes or evidence based clinical decisions.
5. Understand that incorporation of technology based information retrieval systems will be an integral component of provision of care.
6. Comprehend the importance of and utilize professional values and ethics in the provision of patient care.
7. Provide culturally competent care to underserved populations and persons as part of a multidisciplinary and interdisciplinary team.

**Procedures and Measures**

The Assessment Committee’s annual report to the department will be disseminated to all IAGD faculty for review. The committee will make copies available for resident review as well.

**Assessment Tools:**

* **Pre and Post Skills Evaluation** - The American Association of Hospital Dentists (AAHD) developed a practical skills and knowledge indicator to measure the skill levels of residents at the beginning and conclusion of the residency program. This measure will allow the program to rank not only the progression of the residents
throughout the one-year program, but also the final skill and knowledge level at the end of the course. These evaluation scores will also be used to evaluate the programs effectiveness comparatively year to year.

* **Graduating Student Ranking Report** – This report will assist in identifying specific programmatic strengths and needs. The committee will use these to identify areas for further review.

* **Graduating Students Exit Surveys** – The surveys are used as a tool to provide feedback regarding the strengths and weaknesses of the IDEP program and to allow the students to give suggestions for improving the program.

* **Alumni Survey** – The alumni survey is used to collect information from graduates regarding their career history and graduate work (if applicable). In addition, the graduates are asked to assess the strengths and weaknesses of the program.

**Implementation Plan**

The IAGD assessments committee uses the five tools identified expressly to assess student outcomes and measure the success of the Idaho Advanced General Dentistry Residency Program. The analysis of the assessment generated data is used to refine, update and restructure the IAGD curriculum.

The Pre Skill Evaluation and Post Skill Evaluation will allow the program to assess the incoming skill and knowledge level of the residents and compare it to the levels at the conclusion of the program. This evaluation will ensure that all identified skills are mastered by the end of the final semester. These scores will also be assessed against the previous year’s resident class to ensure that program and curriculum are continuing to develop and improve. In addition, the scores will be ranked against the national averages to further assess the effectiveness of the program and the skill level of graduating residents.

The Student Ranking Report will allow the committee to compare the skill levels of the IAGD residents at the end of the residency program to those of AGR residents nationwide.

The Graduating Resident Exit Surveys will assist in identifying specific programmatic strengths and needs. The committee will use these to identify areas for further review.

The Alumni Surveys assist the committee in identifying the current needs and skills in the dental profession, as well as the patient needs within the state of Idaho. The committee uses this information to ensure that dental residents are trained and/or exposed to the latest materials and techniques to meet the needs of the population base in Idaho.

The assessment committee reviews these tools each year to assess the success of every class of IAGD residents and to determine the strengths and needs of the faculty and curriculum. Any needs identified will prompt the committee to refine and improve the areas in question, and all strengths will be reviewed for generalization throughout the program.

**Timetable:**

<table>
<thead>
<tr>
<th>Assessment Type</th>
<th>Timing</th>
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<tr>
<td>Pre Skill Evaluation</td>
<td>July, first week of program</td>
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<tr>
<td>Post Skill Evaluation</td>
<td>June, final week of program</td>
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<tr>
<td>Student Ranking upon Graduation</td>
<td>July, after conclusion of program</td>
</tr>
<tr>
<td>Exit Survey of Graduating Residents</td>
<td>June, final week of program</td>
</tr>
<tr>
<td>Alumni Survey</td>
<td>July (&gt; 1 year after completing program)</td>
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The outcome data will be computed by IAGD staff and reviewed by the assessment committee. Following review, the committee will publish a summary to be distributed to faculty and staff. The residents will have access to the data for review as well.
Appendix D

Idaho State University
Idaho Advance General Dentistry Residency Program

Graduate Exit Survey

Name: (Optional)
Date of Graduation:

General questions

6. What IAGD courses/rotations do you feel were the most valuable to you?
7. How do you feel the instruction in the IAGD department compared to that of other departments from which you took courses?
8. Which IAGD instructors do you feel were the best, and why?
9. What suggestions do you have for improving the IAGD department and its programs?

Additional Post-Graduate School

5. Are you planning to attend another post-graduate program?
6. Name of School:
   Current Status:
   Degrees/certificates to be earned (include year):

Employment

4. Name of company/practice:
   Job Title:
   Description of job:
   Length of time in current position:
5. What IAGD courses/rotations were most helpful in preparing you for your job?
   Why?
6. What IAGD courses/rotations were the least helpful in preparing you for your job?
   What changes need to be made in these courses/rotations to improve them?
Appendix E

Idaho State University
Idaho Advance General Dentistry Residency Program

Alumni Survey

Name: (Optional)
Date of Graduation:

General questions

6. What IAGD courses/rotations do you feel were the most valuable to you?
7. How do you feel the instruction in the IAGD department compared to that of other departments from which you took courses?
8. Which IAGD instructors do you feel were the best, and why?
9. What suggestions do you have for improving the IAGD department and its programs?

Additional Post-Graduate School

5. Did you attend another post-graduate program or residency program?
6. Name of School:
   Current Status:
   Degrees/certificates earned (include year):
7. What IAGD courses/rotations were the most helpful in preparing you for post-graduate studies? Why?
8. What IAGD courses/rotations were the least helpful in preparing you for post-graduate school? What changes need to be made in these courses to improve them?

Employment

5. Name of company/practice:
   Job Title:
   Description of job:
   Length of time in current position
6. What IAGD courses/rotations were most helpful in preparing you for your job? Why?
7. What courses/rotations were the least helpful in preparing you for your job?
8. What changes need to be made in these courses/rotations to improve them?
9. Was there an advantage to attending the IAGD residency program?
10. What additional courses/rotations would have been helpful to you in your job?