

Rancho Los Amigos National Rehabilitation Center

GENERAL PRACTICE RESIDENCY

Program Description and Requirements

I. INTRODUCTION

The Department of Dentistry of Rancho Los Amigos National Rehabilitation Center (Rancho) has long demonstrated commitment and excellence in training dental professionals to treat adults and children with disabilities and special healthcare needs. The Department's General Practice Residency opened in 1980 and is accredited by the American Dental Association Commission on Dental Accreditation.

Rancho is one of four hospitals operated by the Los Angeles County-Department of Health Services, which serves a population of approximately nine million. Unique within this health care system, Rancho is the only rehabilitation facility for the entire County. Rancho has pioneered the provision of comprehensive, coordinated care for each patient through its innovative use of the multidisciplinary team approach.

Rancho is fully accredited by the Joint Commission on Accreditation of Healthcare Organizations and serves the needs of the medically, physically, and developmentally disabled. These patients have limited access to dental care in the community or elsewhere within the County system due to their disabilities. The Dental Clinic provides approximately 5500 patient visits per year (approximately 15% of which are pediatric visits). Rancho is, therefore, an exceptional training site for general practice residents.

The goals of the general practice residency are excellence in clinical dentistry, preparation of each resident for a long successful career in dentistry, to serve the community as a resource in the treatment of people with physical and developmental disabilities, and chronic medical conditions with disability. Residents are given experiences in initiating care for a wide variety of patients; evaluating their medical status; designing and completing appropriate, comprehensive treatment plans; and coordinating patient care with medical and dental specialists. In addition to attending general dentists, residents have the support of specialists in periodontics, maxillofacial prosthodontics, oral surgery, endodontics, pediatric dentistry, and hospital dentistry.

Residents are trained to provide appropriate dental care in a variety of settings. Residents provide dental treatment in the operating room to those patients who are not manageable in the dental clinic. These patients include both children and adults with spinal cord injury, craniofacial anomalies, cerebral palsy, intellectual disability, post-brain injury, and neurologic disorders. Residents are responsible for pre-operative evaluation, treatment, and management of the patient post-operatively. Residents are responsible for answering inpatient and outpatient consultation requests. Residents are also involved in various teaching experiences such as providing table clinics, in-service lectures to pediatric and allied health services, and training dental and dental hygiene students.

II. PROGRAM DESCRIPTION

A. CLINICAL ATTENDING STAFF

Amy Nguyen, DDS
Full-time: Clinical Attending and Didactic Training
Interim Chair, Department of Dentistry

Michael Macalalad, DDS
Program Director, General Practice Residency
Part-time: OR and Clinical Attending, Didactic Training

Mary Murakawa, DDS
Part-time: Clinical Attending and Didactic Training

Tennille Rozak, DDS
Part-time: Clinical Attending and Didactic Training

Eugene Schmidt, DDS
Part-time: OR and Clinical Attending, Didactic Training

Lukasz Gorski, DDS
Part-time: OR and Clinical Attending

Eriq Nguyen, DDS
Part-time: OR and Clinical Attending

PEDIATRIC DENTISTRY

Janice Park-Kim, DDS
Part-time: Clinical Attending

ORAL SURGERY

Dennis-Duke Yamashita, DDS
Part-time: Clinical Attending and Didactic Training

PERIODONTICS

Richard Nagy, DDS
Part-time: Clinical Attending

MAXILLOFACIAL PROSTHODONTICS

Vincent Tso, DMD

Part-time: Clinical Attending and Didactic Training

Jeffrey Oyama, DDS

Part-time: Clinical Attending and Didactic Training

ENDODONTICS

Larry Odonno, DDS

Part-time: Clinical Attending and Didactic Training

Andrew J Lin, DDS

Part-time: Clinical Attending and Didactic Training

B. CLINICAL EXPERIENCE

The resident's primary responsibility is to provide general dental care to patients with medical, physical, and developmental disabilities. Greater than 70% of the resident's time is spent in the dental outpatient clinic. Residents complete clinical assignments, including consultation and emergency assignments, and off-service rotations. Clinical experience and supervision are available in general dentistry, endodontics, periodontics, maxillofacial prosthodontics, oral surgery, and pediatric dentistry.

C. ROTATIONS

ANESTHESIA

The residents gain experience in the overall function of the operating suite and staff as well as an introduction to anesthesia procedures. The resident will assess patients pre- and post-operatively, start IVs, intubate, monitor, and assist the anesthesia staff in inducing and maintaining general anesthesia.

EMERGENCY/TRAUMA

General Practice Residents (GPRs) are assigned for two weeks during the training year to the LAC+USC Oral and Maxillofacial Surgery Residents for emergency and trauma experience. This provides the resident opportunity to evaluate and treat dental and facial emergencies and trauma.

MEDICINE

GPRs are assigned to the Department of Medicine for 3-4 weeks to gain experience in doing histories and physical examination, observe management of inpatients on acute medical and medical ICU unit, and management of common medical emergencies.

D. OPERATING ROOM DENTISTRY

Residents gain experience providing dental care for patients under general anesthesia in the operating room setting. The Dental Department is assigned a surgical suite one day per week

with ample time to complete two patients, and on occasion, three. The patients are those who are unmanageable in the dental clinic due to intellectual disability, involuntary movements, cerebral palsy, brain injury, medical problems, or immaturity.

The residents learn to evaluate patients for general anesthesia and comply with hospital rules and regulations to bring patients safely into the operating room for x-rays, diagnosis, treatment planning and completion of treatment while the patient is under general anesthesia. The residents are also responsible for post-operative care and discharge of the patients. Residents function as a 6-handed team of two residents and a dental assistant

E. REQUIREMENTS

COURSES

AMED 750 a, b, and c USC School of Dentistry

ACLS

Physical Evaluation Periodontal Series

Oral Pathology/Oral Surgery

Literature Review

Treatment Planning Seminar

Operative Dentistry/Esthetics

Maxillofacial Prosthodontics

Pediatric Dentistry

Endodontics

Operating Room Protocol/Hospital Dentistry

SCAOP Annual Clinical Pathology Conference

- Residents participate in five department-sponsored CE courses.
- The residents participate in new didactic opportunities as they arise.
- Residents must satisfactorily complete all courses including passing all examinations in a timely manner.

ORGANIZATIONAL MEMBERSHIPS

Student/Resident membership is required in: The California Dental Association

The Southern California Academy of Oral Pathology

RESEARCH PROJECT AND PRESENTATION

Residents are required, individually or in groups, to research a topic relevant to dental care provided at Rancho, Rancho's patient population, or other topics incorporating data from Rancho's clinical data repository. The research must be prepared in poster format suitable to be presented at the Special Care Dentistry Annual Meeting in a professional PowerPoint format for the end of the year formal presentations, and in written format suitable for publication.

CLINICAL CASE PRESENTATION

Each general practice resident will also prepare a clinical case presentation to be given in June of the training year. Residents must select a case and identify a clinical attending staff member to guide the resident through the course of treatment. The presentation should include the medical history, pre- and post-treatment models, pre- and post-treatment intraoral photographs, treatment plan and discussion of the factors involved in treatment planning and treating the patient.

QUALITY ASSURANCE/RISK MANAGEMENT

In addition to didactic courses in quality assurance and risk management, residents individually or in a group will be required to participate in Department-wide or hospital- wide performance improvement project under the guidance of the program director.

COMMUNITY SERVICE ACTIVITIES

Residents participate in the following service events:

Rancho's Pediatric Carnival in September

Rancho's Brain Injury Car Show in September

Rancho's Spinal Injury Games in October Rancho's Stroke Fair, "Roll Around the Ranch" in May

Special Olympics Special Smiles in December & June

PHYSICAL EVALUATION

Residents must complete dental pre-surgery physical evaluations. All must be co-signed by the supervising physician. Residents are required to present and discuss upcoming patients who will be treated in the operating room.

ROTATIONS

Residents must complete each rotation with satisfactory evaluation from the service attending staff in addition to completing the rotation-specific requirements as delineated in the rotation description. While on rotation, the resident must verify attendance with the dental department timekeeper.

COMPETENCIES

GPRs are expected to demonstrate competency in general and hospital dentistry procedures and processes. The required competencies are listed on a "Competency Card" which lists the required procedures and documentation requirements. Residents will be assessed for competency in comprehensive patient care through case presentations. Procedure competencies will be verified by attending staff signature for each of the required procedures.

PROGRAM AND FACULTY EVALUATIONS

Residents are required to submit comprehensive program and attending staff evaluations 3 times per year. Residents are also encouraged to make suggestions for program improvement to the program director verbally or in writing at any time.

RESIDENT EVALUATION

Residents are evaluated by attending staff at least 3 times per year. Residents must pass each evaluation with an overall "3-Meets Expectations" to continue in the program. If at any time during the program, a resident is having difficulty, the program director and appropriate faculty will counsel the resident and determine a course of action to assist the resident in improvement. At the end of the year, the faculty will meet to review each resident's performance and status of requirements to determine if a certificate of completion is to be awarded. To receive the certificate the resident must complete all requirements, have overall "3-Meets Expectations" performance

evaluations from dental faculty and rotation attending in addition to completion of the program requirements.

III. GENERAL INFORMATION

Requirements for California Licensure

Successful completion of this general practice residency, including all courses, requirements, and competencies satisfies one of the requirements set by the Dental Board of California for a licensure by residency.

Salary and Benefits

Benefits include medical, dental and malpractice insurance, and meals in the cafeteria while on duty. Residents may have up to 13 working days approved leave in addition to the eleven (11) County holidays.

Selection Process

Rancho participates in both the Postdoctoral Application Support Service (PASS) and the Postdoctoral Dental Matching Programs. Application materials must be received by PASS by November 1st of the year prior to the program start date. Selection is based on academic record, national board scores, letters of recommendation, personal statement, and personal interview. Graduates of accredited US and Canadian dental schools are eligible to apply. Graduates of foreign dental schools who have successfully completed training in a program for international dentists at an ADA-accredited U.S. or Canadian dental school are eligible to apply. Applicants must be eligible for employment with the County of Los Angeles, including the appropriate immigration status.

IV. RESIDENCY TRAINING GOALS AND OBJECTIVES

Upon successful completion of the program, the resident should be able to:

Patient Assessment and Diagnosis and Comprehensive Treatment Planning

Perform quality and appropriate diagnostic procedures, radiographic surveys, study models, medical and dental histories

Order appropriate clinical laboratory tests, extra-oral radiographs, or CT and MRI surveys
Interpret collected data to formulate an appropriate diagnosis and treatment plan
Understand various treatment options available to treat each patient

Plan coordination of care with dental and medical specialists

Hospital Organization, Hospital Policy & Procedure, including Obtaining Informed Consent

Understand hospital organization, structure and administration
Understand staff member and resident responsibility and function

Function appropriately within the hospital and interact with other health care professionals
Understand and apply Professional Staff Rules and Regulations

Discuss procedure risks, benefits, and alternatives with patients, and/or responsible parties to obtain proper informed consent

Organize and carry out inter- and intra-hospital consultation and referral

Understand the process for applying for hospital or health care organization privileges

Oral and Systemic Health Promotion and Disease Prevention

Review the patient's medical history and condition and use the data to develop a preventive plan for the patient as part of the comprehensive treatment plan

Using the patient's medical history and condition, develop an individual patient educational plan to promote the oral and systemic health of the individual and adapted oral hygiene techniques

Understand and utilize prevention aids and medications

Understand appropriate utilization and placement of sealants and preventive resin restorations

Pain and Anxiety Control

Identify patients who require assistance in controlling and managing their pain and anxiety during a dental procedure

Learn the medication, equipment, techniques necessary to produce safe sedation/anxiety control

Evaluate patients to determine if they can safely tolerate procedures Recognize and manage unexpected reactions to the medications used

Restorative

Perform amalgam and composite restorations Perform build up techniques

Complete diagnosis and treatment planning, including design of appropriate treatment plans for compromised patients

Gain experience in dental auxiliary utilization Perform quadrant dentistry

Fixed Prosthodontics

Perform appropriate diagnosis and treatment planning Perform alternate build up techniques

Perform multiple unit restorations, when appropriate Perform partial veneer restorations

Develop a good working relationship and communicate effectively with a commercial laboratory

Evaluate impression and die techniques

Removable Prosthodontics

Gain significant experience in restoring edentulous patients with full dentures, especially for complex patients

Design, deliver, and manage post-op care of immediate dentures

Gain significant experience in design and delivery of partial dentures

Obtain experience in design and delivery of maxillofacial prostheses and implant supported prostheses

Perform laboratory procedures as appropriate (which may include fabrication of infant feeding appliances or obturators for patients with cleft lip/palate)

Periodontics

Diagnose, plan treatment for, and manage periodontal disease using nonsurgical and surgical procedures

Get exposure to periodontal surgery which may include gingivectomy, crown lengthening, distal wedge, or elevation of surgical flaps

Evaluate treatment results and manage patients post-operatively Utilize antimicrobials in the management of periodontal disease

Endodontics

Treat teeth with multiple canals

Get exposure to apicoectomy procedures Diagnose and treat dental pain

Learn alternate treatment techniques Manage dental infection

Oral and Maxillofacial Surgery

Perform simple extractions Extract impacted teeth

Extract residual roots/root tips

Perform pre-prosthetic surgeries, including diagnosis and treatment planning, implant evaluations

Perform multiple extractions, deliver immediate prostheses Manage infection

Control bleeding

Medical and Dental Emergencies

Assess patient's medical condition and risk Anticipate and plan for medical emergencies
Maintain airway and circulation

Manage common medical emergencies

Assess and diagnose dental and dentoalveolar emergencies, utilizing appropriate diagnostic data (radiographs, laboratory examination)

Plan and coordinate appropriate treatment to alleviate the patient's chief complaint Perform emergency dental and dental alveolar treatment procedures

Medical Risk Assessment

Evaluate the complex, medically compromised, or physically disabled patient Develop appropriate treatment plans

Plan appropriate dental care delivery system Obtain appropriate consultations

Take medical histories

Understand and utilize clinical laboratory data and physician physical exam Utilize techniques of physical exam and perform appropriate physical exam

Practice Management

Understand various practice options after residency

Gain insight into the business aspect of practicing dentistry

Understand the peer review process

Understand the features of practice management and dental imaging applications

Ethics and Professionalism

Know and understand ethical principles

Know and understand professional responsibilities Understand principles of dental ethics

Apply knowledge of ethical principles to clinical situations