

Procedures & Nutrition – Goals & Objectives

- **Participating Site(s):** Inpatient medical units, ICU, procedural areas, outpatient clinics (as applicable)
- **Duration:** 2-4 weeks
- **Required or Elective:** Elective

Rotation Overview

The Procedures & Nutrition rotation provides residents with focused training in bedside medical procedures and the assessment and management of nutritional needs in hospitalized patients. Residents develop procedural competency, understand indications and contraindications, and gain experience managing enteral and parenteral nutrition in medically complex patients.

Overall Rotation Goal

The goal of this rotation is for residents to gain confidence and competence in performing common internal medicine procedures and managing nutrition-related issues while ensuring patient safety and evidence-based care.

Educational Objectives (Aligned with ACGME Competencies)

Patient Care

Residents will be able to:

- Perform common bedside procedures safely and effectively under appropriate supervision
- Obtain informed consent and explain procedural risks, benefits, and alternatives
- Recognize and manage procedural complications
- Assess nutritional status and develop nutrition care plans for hospitalized patients, including TPN management
- Initiate and monitor enteral and parenteral nutrition when indicated

Medical Knowledge

Residents will be able to:

- Understand indications, contraindications, and complications of common medical procedures
- Demonstrate knowledge of sterile technique and procedural safety
- Understand principles of clinical nutrition, including:
 - Malnutrition and refeeding syndrome
 - Enteral vs. parenteral nutrition
 - Micronutrient deficiencies
- Recognize when to involve nutrition services or subspecialty consultation

Practice-Based Learning and Improvement

Residents will be able to:

- Incorporate feedback to improve procedural technique
- Track procedural experience and identify areas for skill development
- Apply evidence-based nutrition guidelines to patient care

Interpersonal and Communication Skills

Residents will be able to:

- Communicate clearly with patients and families regarding procedures and nutrition plans
- Collaborate effectively with nursing, dietitians, and procedural supervisors
- Document procedures and nutrition plans accurately and thoroughly

Professionalism

Residents will be able to:

- Demonstrate accountability for patient safety during procedures
- Maintain professional behavior in procedural and high-risk settings
- Respect patient preferences and autonomy regarding procedures and nutrition decisions

Systems-Based Practice

Residents will be able to:

- Utilize hospital systems to coordinate procedures and nutrition support
- Work effectively with interdisciplinary teams, including nutrition services
- Recognize system factors that impact procedural efficiency and patient safety

PGY-Level Expectations

PGY-1:

- Perform procedures under direct supervision
- Learn fundamentals of nutrition assessment and support
- Document procedures accurately

PGY-2:

- Perform common procedures with increasing independence
- Develop nutrition plans for routine patients
- Recognize and address complications appropriately

PGY-3:

- Perform procedures with supervision as needed
- Assist in teaching procedural skills to junior residents
- Manage complex nutrition cases with interdisciplinary collaboration

Teaching and Learning Activities

- Supervised bedside procedures
- Nutrition consults and interdisciplinary rounds
- Case-based discussions on procedural safety and nutrition management
- Independent study of procedural and nutrition guidelines

Evaluation and Feedback

Resident performance is evaluated through:

- Direct observation of procedural skills
- Review of documentation and nutrition plans
- End-of-rotation evaluation mapped to ACGME milestones

Residents receive ongoing formative feedback and summative feedback at the conclusion of the rotation.

Supervision

Faculty supervision is provided in accordance with ACGME supervision guidelines. Residents must obtain appropriate supervision for all procedures and complex nutrition decisions.