

## *Plastic Surgery (Integrated) Residency Rotation Responsibilities*

---

---

<b>ROTATION:</b>	<b>PLASTIC SURGERY</b>
<b>YEAR:</b>	<b>PGY 1</b>
<b>LOCATION:</b>	<b>OREGON HEALTH &amp; SCIENCE UNIVERISTY (OHSU)</b>
<b>COURSE DIRECTOR:</b>	<b>JULIANA HANSEN, MD</b>
<b>LENGTH:</b>	<b>4 WEEKS</b>

### **Educational Goals for Residents:**

#### **Medical Knowledge**

1. Understand the types of medical and surgical problems addressed on the plastic surgery service during your specific rotation. These problems could include:
  - a. Congenital defects of the head and neck, including clefts of the lip and palate, and craniofacial surgery
  - b. Neoplasms of the head and neck, including the oropharynx, and endoscopy
  - c. Craniomaxillofacial trauma, including fractures
  - d. Aesthetic (cosmetic) surgery of the head and neck, trunk, and extremities
  - e. Plastic surgery of the breast
  - f. Surgery of the hand/upper extremities
  - g. Plastic surgery of the lower extremities
  - h. Plastic surgery of congenital and acquired defects of the trunk and genitalia
  - i. Burn management, acute and reconstructive
  - j. Microsurgical techniques applicable to plastic surgery
  - k. Reconstruction by tissue transfer, including flaps and grafts
  - l. Surgery of benign and malignant lesions of the skin and soft tissues
2. Understand conditions that will complicate surgery.
3. Understand the appropriate techniques of tissue handling and skin closure.

#### **Patient Care**

1. Learn to deliver responsive, timely care for all inpatients.
2. Understand the appropriate post-operative management of free flaps and replants.
3. Understand the appropriate post-operative management of the patient with a changing course.
4. Learn to synthesize all available information in order to make appropriate clinical decisions.

#### **Professionalism**

1. Demonstrate respect and compassion for patients and professional staff on the wards, in the clinics, and in the operating room.
2. Develop open-mindedness regarding alternative treatments.
3. Understand need for continual self-assessment and improvement.

4. Develop an attitude of responsibility for patient care requests by senior residents and attendings.

## **Interpersonal and Communication Skills**

1. Develop the ability to respectfully and clearly communicate with other healthcare professionals.
2. Learn to present patients to senior residents, fellows, and attendings in an organized and precise manner.
3. Learn how to function effectively as a member of a team.
4. Learn to communicate effectively with patients and their families.

## **Practice-based learning**

1. Develop an attitude of responsibility for the patients on the ward, and in so doing develop the skill of self-assessment with the goal of continuous improvement in practice management style.
2. Understand the importance of critically reading and discussing medical literature pertinent to patients on the service.

## **Systems-based practice**

1. Understand the importance of supporting medical and ancillary services in the complete and efficient care of the patient.
2. Develop a cost-effective attitude toward patient management.
3. Develop an appreciation for the patients' interests and convenience in care management plans.

## **Educational Objectives for Residents:**

### **Medical Knowledge**

1. Demonstrate comprehension of pertinent medical issues through presentation of patients to team on morning rounds.
2. Describe symptoms of healthy flaps and replants
3. Describe symptoms of unhealthy flaps and replants
4. Identify medications which may interfere with blood clotting
5. Identify alternatives to blood clotting medications
6. Name laboratory tests useful in the evaluation and management of blood clotting
7. Demonstrate proficiency in appropriate skin closure techniques in operating room
8. Demonstrate proficiency in appropriate tissue handling techniques in operating room

9. Demonstrate proficiency in appropriate suturing techniques in operating room
10. Name laboratory tests useful in the evaluation and management of wound care

## **Patient Care**

1. Demonstrate appropriate tissue handling technique
2. Demonstrate appropriate suturing technique
3. Demonstrate appropriate skin closure technique
4. Demonstrate the ability to make a diagnosis and formulate a surgical plan.
5. Demonstrate the ability to perform suture removal, dressing changes, and wound care.
6. Demonstrate the ability to document all patient encounters with legible chart notes.
7. Demonstrate the ability to accurately check all flaps or replants for any change in color, temperature, capillary refill or bleeding
8. Obtain help from seniors to achieve rapid return to operating room for exploration for any patients who may exhibit change in color, temperature, capillary refill or bleeding of flaps or replants
9. Justify selection of laboratory tests and diagnostic tests for each patient on the service
10. Demonstrate the ability to dictate thorough discharge summaries on all inpatients.

## **Professionalism**

1. Use appropriate speech and tone of voice when speaking to patients, families, and other healthcare professionals.
2. Allow others the chance to speak, and listen attentively when being spoken to.
3. Demonstrate a conscientious approach to patient care by minimizing delay of care and minimizing passage of incomplete tasks to fellow residents and interns.

## **Interpersonal and Communication Skills**

1. Consistently answer nursing questions and pages clearly and effectively.
2. Present patients on inpatient rounds in an organized and concise manner.
3. Present clinic patients to the attending efficiently to facilitate clinic flow.
4. Gain experience in explaining results of evaluations and recommendations for treatment to patients and their families (practice patient education skills).

## **Practice-Based Learning**

1. Critically discuss performance with respect to care of patients and progress made during rotation with Chief of Service or designee at mid-rotation meeting.
2. At least three times during the rotation, choose a pertinent issue pertaining to a patient on the service, critically evaluate an article from the literature which addresses the problem, and present conclusions to the entire team on rounds.

## **Systems-Based Practice**

1. Facilitate discharge planning by daily communication with inpatient care manager.
2. Describe indications for medical consultation in the pre- and post-operative periods, particularly with respect to these specialities:
  - a. Cardiology
  - b. Gastroenterology
  - c. Pain Management service
  - d. Interventional Radiology
  - e. Hematology
  - f. Infectious Disease
3. Facilitate daily communication with consulting physicians
4. As pertinent for each individual patient, facilitate daily communication with ancillary services, such as:
  - a. Physical Therapy
  - b. Occupational Therapy
  - c. Speech
  - d. Enterostomal Therapy
  - e. Nutrition
  - f. Mental Health
  - g. Social Services

### **Reading:**

Essentials for Students : Plastic and Reconstructive Surgery: Plastic Surgery Educational Foundation. (Given to each intern by the Division of Plastic and Reconstructive Surgery at the beginning of each rotation.)