

# Kaiser Sunnyside (KSMC) Goals and Objectives

## PGY-2/3 GOALS

### Medical Knowledge/Patient Care

- Understand the physiology and management of the routine post-operative patient.
- Understand the physiology and management of the acutely ill postoperative patient in the ICU, including SIRS, hemostasis and ventilator management.
- Understand the physiologic monitoring of the ICU patient including invasive monitoring of arterial blood pressure, pulmonary artery catheters and hemodynamic monitoring, respiratory monitoring, and renal monitoring. Be able to manage these monitoring devices.
- Understand the pathophysiology and management of benign breast disease including diagnosis, treatment, complications and follow-up.
- Understand the pathophysiology and management of malignant breast disease including diagnosis, treatment, complications and follow-up.
- Understand the pathophysiology and management of inguinal, umbilical and incisional hernias including diagnosis, treatment, complications and follow-up. Proficiency in open and laparoscopic techniques is expected.
- Understand the pathophysiology and management of gallbladder and biliary tract disease including diagnosis, treatment, complications and management. Proficiency in open and laparoscopic cholecystectomy is expected. Experience in common bile duct exploration should be developed.
- Understand the pathophysiology and management of small intestinal disorders. Proficiency in diagnosing and managing small bowel obstruction is particularly important.
- Understand the pathophysiology and management of acute appendicitis including diagnosis, treatment, complications and follow-up. Proficiency in open and laparoscopic appendectomy is expected.
- Understand the pathophysiology and management of benign colon disorders. Knowledge of treatment options for diverticulitis is expected.
- Understand the pathophysiology and management of colon cancer including diagnosis, treatment, complications and follow-up. Knowledge of staging and adjuvant therapy is expected.

### Professionalism

- Be able to interact well with other residents.
- Be able to interact well with staff surgeons.
- Be able to interact well with nursing staff. Avoid demeaning behavior.
- Be able to collaborate with the ICU team.
- Be able to interact well with physicians from other services.
- Be able to effectively consult other physician specialties.
- Be able to interact well with ancillary services.
- Be able to lead when indicated.

### Interpersonal and Communication Skills

- Effectively communicate with other team members in a leadership role
- Effectively consult other services.
- Develop the ability to appropriately counsel and triage patients through telephone communication.
- Effectively communicate changes in patient to care to other members of the healthcare team including physicians, nurses and ancillary services.

### Practice-Based Learning

- Practice regular review of outcomes and management styles.
- Understand and review literature regarding management of particular pertinent issues.
- Practice regular review of technical issues surrounding treatment of level specific disease processes (see "Medical Knowledge" section).

### Systems-Based Practice

- Understand and use critical pathways for common elective cases.
- Understand and use the Beta Blocker protocol for high risk patients.
- Use pre-printed orders when indicated.

- Effectively use computerized medical record (EPIC) including “Smart Sets” in order to facilitate efficient and safe patient care.
- Complete medical records in a timely manner.\

## **PGY-2/3 OBJECTIVES**

### **Medical Knowledge/Patient Care**

- Describe the physiology and management of the routine post-operative patient.
- Describe the physiology and management of the acutely ill postoperative patient in the ICU, including SIRS, hemostasis and ventilator management.
- Describe the physiologic monitoring of the ICU patient including invasive monitoring of arterial blood pressure, pulmonary artery catheters and hemodynamic monitoring, respiratory monitoring, and renal monitoring. Be able to manage these monitoring devices.
- Describe the pathophysiology and management of benign breast disease including diagnosis, treatment, complications and follow-up.
- Describe the pathophysiology and management of malignant breast disease including diagnosis, treatment, complications and follow-up.
- Describe the pathophysiology and management of inguinal, umbilical and incisional hernias including diagnosis, treatment, complications and follow-up. Proficiency in open and laparoscopic techniques is expected.
- Describe the pathophysiology and management of gallbladder and biliary tract disease including diagnosis, treatment, complications and management. Proficiency in open and laparoscopic cholecystectomy is expected. Experience in common bile duct exploration should be developed.
- Describe the pathophysiology and management of small intestinal disorders. Proficiency in diagnosing and managing small bowel obstruction is particularly important.
- Describe the pathophysiology and management of acute appendicitis including diagnosis, treatment, complications and follow-up. Proficiency in open and laparoscopic appendectomy is expected.
- Describe the pathophysiology and management of benign colon disorders. Knowledge of treatment options for diverticulitis is expected.
- Describe the pathophysiology and management of colon cancer including diagnosis, treatment, complications and follow-up. Knowledge of staging and adjuvant therapy is expected.

### **Professionalism**

- Demonstrate appropriate interaction with other residents.
- Demonstrate appropriate interaction with staff surgeons.
- Demonstrate appropriate interaction with nursing staff. Avoid demeaning behavior.
- Demonstrate appropriate interaction with the ICU team.
- Demonstrate appropriate interaction with physicians from other services.
- Demonstrate ability to effectively consult other physician specialties.
- Demonstrate ability to interact well with ancillary services.
- Demonstrate ability to lead when indicated.

### **Interpersonal and Communication Skills**

- Demonstrate effective communication with other team members in a leadership role
- Demonstrate effective consultation with other services.
- Demonstrate the ability to appropriately counsel and triage patients through telephone communication.
- Demonstrate effective communication changes in patient to care to other members of the healthcare team including physicians, nurses and ancillary services.

### **Practice-Based Learning**

- Demonstrate appropriate review of outcomes and management styles.
- Demonstrate appropriate review of literature regarding management of particular pertinent issues.
- Demonstrate appropriate review of technical issues surrounding treatment of level specific disease processes (see “Medical Knowledge” section).

### **Systems-Based Practice**

- Demonstrate use of critical pathways for common elective cases.
- Demonstrate use of the Beta Blocker protocol for high risk patients.
- Demonstrate use of pre-printed orders when indicated.

- Demonstrate effective use of computerized medical record (EPIC) including “Smart Sets” in order to facilitate efficient and safe patient care.
- Demonstrate completion of medical records in a timely manner.

## **PGY-4 GOALS**

### **Medical Knowledge/Patient Care**

- Understand the physiology and management of the routine post-operative patient.
- Understand the physiology and management of the acutely ill postoperative patient in the ICU, including SIRS, hemostasis and ventilator management.
- Understand the physiologic monitoring of the ICU patient including invasive monitoring of arterial blood pressure, pulmonary artery catheters and hemodynamic monitoring, respiratory monitoring, and renal monitoring. Be able to manage these monitoring devices.
- Understand the pathophysiology and management of gallbladder and biliary tract disease including diagnosis, treatment, complications and management. Proficiency in open and laparoscopic cholecystectomy is expected. Experience in common bile duct exploration should be developed.
- Understand the pathophysiology and management of small intestinal disorders. Proficiency in diagnosing and managing small bowel obstruction is particularly important.
- Understand the pathophysiology and management of acute appendicitis including diagnosis, treatment, complications and follow-up. Proficiency in open and laparoscopic appendectomy is expected.
- Understand the pathophysiology and management of benign colon disorders. Knowledge of treatment options for diverticulitis is expected.
- Understand the pathophysiology and management of colon cancer including diagnosis, treatment, complications and follow-up. Knowledge of staging and adjuvant therapy is expected.
- Understand the pathophysiology and management of rectal cancer including diagnosis, treatment, complications and follow up. Knowledge of staging and adjuvant therapy is expected.
- Understand the benefits and limitations of laparoscopic approaches to colorectal surgery.
- Understand the pathophysiology and management of ulcerative colitis. Be aware of the various treatment options for ulcerative colitis. Be able to perform total proctocolectomy with ileal pouch anal anastomosis.
- Understand the pathophysiology and management of Crohn disease involving any part of the intestinal tract. Develop knowledge of non-surgical and surgical treatments.
- Understand the pathophysiology and management of benign and malignant processes of the thyroid gland.
- Understand the pathophysiology and management of diseases of the parathyroid glands. This should include minimally invasive approaches.
- Understand the pathophysiology and management of cancers of the exocrine and endocrine pancreas. Become proficient in pancreaticoduodenectomy.
- Understand the pathophysiology and management of disorders of the spleen. Become proficient in open and laparoscopic splenectomy.

### **Professionalism**

- Be able to interact well with other residents.
- Be able to interact well with staff surgeons.
- Be able to interact well with nursing staff. Avoid demeaning behavior.
- Be able to collaborate with the ICU team.
- Be able to interact well with physicians from other services.
- Be able to effectively consult other physician specialties.
- Be able to interact well with ancillary services.
- Be able to lead when indicated.

### **Interpersonal and Communication Skills**

- Effectively communicate with other team members in a leadership role
- Effectively consult other services.
- Develop the ability to appropriately counsel and triage patients through telephone communication.
- Effectively communicate changes in patient to care to other members of the healthcare team including physicians, nurses and ancillary services.

### **Practice-Based Learning**

- Practice regular review of outcomes and management styles.
- Understand and review literature regarding management of particular pertinent issues.
- Practice regular review of technical issues surrounding treatment of level specific disease processes (see “Medical Knowledge” section).

### **Systems-Based Practice**

- Understand and use critical pathways for common elective cases.
- Understand and use the Beta Blocker protocol for high risk patients.
- Use pre-printed orders when indicated.
- Effectively use computerized medical record (EPIC) including “Smart Sets” in order to facilitate efficient and safe patient care.
- Complete medical records in a timely manner.

## **PGY-4 OBJECTIVES**

### **Medical Knowledge/Patient Care**

- Describe the physiology and management of the routine post-operative patient.
- Describe the physiology and management of the acutely ill postoperative patient in the ICU, including SIRS, hemostasis and ventilator management.
- Describe the physiologic monitoring of the ICU patient including invasive monitoring of arterial blood pressure, pulmonary artery catheters and hemodynamic monitoring, respiratory monitoring, and renal monitoring. Be able to manage these monitoring devices.
- Describe the pathophysiology and management of gallbladder and biliary tract disease including diagnosis, treatment, complications and management. Proficiency in open and laparoscopic cholecystectomy is expected. Experience in common bile duct exploration should be developed.
- Describe the pathophysiology and management of small intestinal disorders. Proficiency in diagnosing and managing small bowel obstruction is particularly important.
- Describe the pathophysiology and management of acute appendicitis including diagnosis, treatment, complications and follow-up. Proficiency in open and laparoscopic appendectomy is expected.
- Describe the pathophysiology and management of benign colon disorders. Knowledge of treatment options for diverticulitis is expected.
- Describe the pathophysiology and management of colon cancer including diagnosis, treatment, complications and follow-up. Knowledge of staging and adjuvant therapy is expected.
- Describe the pathophysiology and management of rectal cancer including diagnosis, treatment, complications and follow up. Knowledge of staging and adjuvant therapy is expected.
- Describe the benefits and limitations of laparoscopic approaches to colorectal surgery.
- Describe the pathophysiology and management of ulcerative colitis. Be aware of the various treatment options for ulcerative colitis. Be able to perform total proctocolectomy with ileal pouch anal anastomosis.
- Describe the pathophysiology and management of Crohn disease involving any part of the intestinal tract. Develop knowledge of non-surgical and surgical treatments.
- Describe the pathophysiology and management of benign and malignant processes of the thyroid gland.
- Describe the pathophysiology and management of diseases of the parathyroid glands. This should include minimally invasive approaches.
- Describe the pathophysiology and management of cancers of the exocrine and endocrine pancreas. Become proficient in pancreaticoduodenectomy.
- Describe the pathophysiology and management of disorders of the spleen. Become proficient in open and laparoscopic splenectomy.

### **Professionalism**

- Demonstrate appropriate interaction with other residents.
- Demonstrate appropriate interaction with staff surgeons.
- Demonstrate appropriate interaction with nursing staff. Avoid demeaning behavior.
- Demonstrate appropriate collaboration with the ICU team.
- Demonstrate appropriate interaction with physicians from other services.
- Demonstrate ability to effectively consult with other physician specialties.
- Demonstrate ability to interact well with ancillary services.
- Demonstrate ability to lead when indicated.

### **Interpersonal and Communication Skills**

- Demonstrate effective communication with other team members in a leadership role
- Demonstrate effective consultation with other services.
- Demonstrate the ability to appropriately counsel and triage patients through telephone communication.
- Demonstrate effective communication changes in patient to care to other members of the healthcare team including physicians, nurses and ancillary services.

### **Practice-Based Learning**

- Demonstrate appropriate review of outcomes and management styles.
- Demonstrate appropriate review of literature regarding management of particular pertinent issues.
- Demonstrate appropriate review of technical issues surrounding treatment of level specific disease processes (see “Medical Knowledge” section).

### **Systems-Based Practice**

- Demonstrate use of critical pathways for common elective cases.
- Demonstrate use of the Beta Blocker protocol for high risk patients.
- Demonstrate use of pre-printed orders when indicated.
- Demonstrate effective use of computerized medical record (EPIC) including “Smart Sets” in order to facilitate efficient and safe patient care.
- Demonstrate completion of medical records in a timely manner.

## **PGY-5 (Chief) GOALS**

### **Medical Knowledge/Patient Care**

- Understand the pathophysiology of benign lung disease including diagnosis, treatment, complications and follow up.
- Understand the pathophysiology of malignant lung disease including diagnosis, treatment, complications and follow up.
- Understand the indications and limitations of thoracoscopy for lung disease.
- Understand the indications and methods of mediastinoscopy.
- Understand the pathophysiology and management of cancers of the esophagus including the different surgical approaches and the identification and management of postoperative complications.
- Understand the pathophysiology and management of benign esophageal diseases including reflux and Barrett’s esophagus. Become proficient at open and laparoscopic antireflux procedures.
- Understand the pathophysiology and management of morbid obesity. Become proficient at open gastric bypass procedures.
- Understand the pathophysiology and management of cancers of the exocrine and endocrine pancreas. Become proficient in pancreaticoduodenectomy.
- Understand the pathophysiology and management of disorders of the spleen. Become proficient in open and laparoscopic splenectomy.
- Understand the pathophysiology and management of diseases of the adrenal gland. Become proficient at laparoscopic adrenalectomy.

### **Professionalism**

- Be able to lead and educate other residents.
- Be able to develop a collegial relationship with staff surgeons.
- Be able to interact well with nursing staff. Avoid demeaning behavior.
- Be able to collaborate with the ICU team.
- Be able to take charge of all aspects of patient care.

### **Interpersonal and Communication Skills**

- Effectively communicate with other team members in a leadership role.
- Effectively communicate changes in patient to care to other members of the healthcare team including physicians, nurses and ancillary services.
- Be able to communicate bad news to patients and their families in a compassionate way.

### **Practice-Based Learning**

- Practice regular review of outcomes and management styles.
- Understand and review literature regarding management of particular pertinent issues.
- Practice regular review of technical issues surrounding treatment of level specific disease processes (see “Medical Knowledge” section).

- Assist in running M & M conference.
- Coordinate and lead weekly resident teaching conference.

#### **Systems-Based Practice**

- Understand and use critical pathways for common elective cases.
- Understand and use the Beta Blocker protocol for high risk patients.
- Use pre-printed orders when indicated.
- Develop protocols for evidence based patient care.
- Effectively use computerized medical record (EPIC) including “Smart Sets” in order to facilitate efficient and safe patient care.
- Assure medical records are completed by all team members.
- Assign cases to all residents.

### **PGY-5 (Chief) OBJECTIVES**

#### **Medical Knowledge/Patient Care**

- Describe the pathophysiology of benign lung disease including diagnosis, treatment, complications and follow up.
- Describe the pathophysiology of malignant lung disease including diagnosis, treatment, complications and follow up.
- Describe the indications and limitations of thoracoscopy for lung disease.
- Describe the indications and methods of mediastinoscopy.
- Describe the pathophysiology and management of cancers of the esophagus including the different surgical approaches and the identification and management of postoperative complications.
- Describe the pathophysiology and management of benign esophageal diseases including reflux and Barrett’s esophagus. Become proficient at open and laparoscopic antireflux procedures.
- Describe the pathophysiology and management of morbid obesity. Become proficient at open gastric bypass procedures.
- Describe the pathophysiology and management of cancers of the exocrine and endocrine pancreas. Become proficient in pancreaticoduodenectomy.
- Describe the pathophysiology and management of disorders of the spleen. Become proficient in open and laparoscopic splenectomy.
- Describe the pathophysiology and management of diseases of the adrenal gland. Become proficient at laparoscopic adrenalectomy.

#### **Professionalism**

- Demonstrate ability to lead and educate other residents.
- Demonstrate ability to develop a collegial relationship with staff surgeons.
- Demonstrate ability to interact well with nursing staff. Avoid demeaning behavior.
- Demonstrate ability to collaborate with the ICU team.
- Demonstrate ability to take charge of all aspects of patient care.

#### **Interpersonal and Communication Skills**

- Demonstrate effective communication with other team members in a leadership role.
- Demonstrate effective communication of changes in patient to care to other members of the healthcare team including physicians, nurses and ancillary services.
- Demonstrate effective communication of bad news to patients and their families in a compassionate way.

#### **Practice-Based Learning**

- Show evidence of self review of outcomes and management styles.
- Show evidence of review of the literature regarding management of particular pertinent issues.
- Show evidence of regular review of technical issues surrounding treatment of level specific disease processes (see “Medical Knowledge” section).
- Show evidence of assistance in running M & M conference.
- Show evidence of coordination and leading of the weekly resident teaching conference.

#### **Systems-Based Practice**

- Demonstrate understanding and use of critical pathways for common elective cases.
- Demonstrate understanding and use of the Beta Blocker protocol for high risk patients.
- Demonstrate use of pre-printed orders when indicated.
- Demonstrate development of protocols for evidence based patient care.
- Demonstrate effective use of computerized medical record (EPIC) including “Smart Sets” in order to facilitate efficient and safe patient care.
- Demonstrate assurance that medical records are completed by all team members.

- Demonstrate assignment of cases to all residents.

### **Evaluation Methods**

- All residents will be evaluated at the conclusion of their rotation using the Verinform evaluation. Assessments will be made in the areas of knowledge, operative skills, professionalism and the other core competencies. Additional narrative comments will be provided. These will be 360 degree evaluations in that the residents will have the opportunity to evaluate staff surgeons and the rotation in general.
- Residents will be given periodic verbal feedback on their performance.
- Residents' operative skills will be evaluated at least twice per rotation using a standardized evaluation form. The resident will ask the staff surgeon to complete the form after a representative, level appropriate operation. The completed form will be returned to the program director and forwarded to the OHSU Department of Surgery. It will also be used to complete the final evaluation. Any obvious deficiencies will be addressed immediately with the resident.
- Residents will be periodically evaluated immediately post-call. This will be an evaluation of their performance on-call, including knowledge, skills, and professionalism. Immediate feedback will be given to the resident.