

**GENERAL EDUCATIONAL GOALS
AND OBJECTIVES**

**FOR GENERAL SURGERY RESIDENTS
BY PGY LEVEL**

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General Educational Goals and Objectives for Residents Rotating on All Services

The following goals and objectives represent the fundamental surgical curriculum for all levels of training. These goals and objectives should be considered additive to the goals and objectives listed for individual rotations.

PGY 1

A. Medical Knowledge.

1. Learn in-depth the fundamentals of basic science as they apply to the clinical practice of surgery.
 - a. The resident must prepare for and attend the Surgical Core Curriculum Conference offered twice each month on Wednesdays at 10 AM. The resident should read all assigned pages in *Surgical Review, 2nd Edition* and take the multiple choice tests at the beginning of each conference. *A minimum of 70% of the tests must be taken on time and a minimum test average of 70% must be maintained.*
 - b. The resident should prepare for and participate in monthly Current Literature Conference by reading assigned journal articles that are distributed several weeks before the conference.
2. Develop technical skills appropriate to level of training.
 - a. The resident will attend all technical skills training conferences offered each month on Wednesdays at 10 AM. *The residents will demonstrate adequate proficiency in basic open and laparoscopic skills, basic hemodynamic interpretation, basic ventilator management, interpretation of FAST examinations, and he/she will successfully complete the Fundamentals of Surgical Laparoscopy course.*
3. The resident will participate in assessment of medical knowledge by taking the semi-monthly Surgical Core Curriculum tests and the annual ABSITE.

B. Patient Care.

1. The resident should assume care of all patients on the hospital ward and be responsible for admission/discharge of all patients on the hospital wards and day surgery units.
2. The resident should perform a complete and accurate history and physical examination on every new admission to the service.

3. The resident should make daily assessments and plans on every ward patient on the service and will have full knowledge of all medical problems and progress of all ward patients.
4. The resident should perform all invasive procedures on ward patients, with appropriate supervision.
5. The resident should arrange for appropriate diagnostic and imaging tests on ward patients.
6. The resident should insure proper disposition and follow-up of all patients discharged from the hospital.

C. Interpersonal and Communication Skills.

1. The resident should be able to clearly, accurately, and succinctly present pertinent information to faculty and senior residents regarding newly admitted patients.
2. The resident should keep the senior resident aware of all progress of all patients and will alert the senior resident of new problems on the service.
3. The resident should clearly, accurately, and respectfully communicate with nurses and other hospital employees.
4. The resident should clearly, accurately, and respectfully communicate with referring and consulting physicians, including residents.
5. The resident should clearly, accurately, and respectfully communicate with patients and appropriate members of their families about identified disease processes (including complications), the expected courses, operative findings, and operative procedures with assistance from upper level residents.
6. The resident should maintain clear, concise, accurate, and timely medical records including (but not limited to) admission history and physical examination notes, consultation notes, progress notes, written and verbal orders, operative notes, and discharge summaries.
7. The resident should be able to clearly and accurately teach medical students about the procedures performed on this rotation.
8. The resident will ensure that all student notes are accurate, reflect a proper plan, and are countersigned by a physician each day.

D. Practice-Based Learning and Improvement

1. The resident will write an accurate, detailed, and legible preoperative assessment and counseling note on all patients for which he/she serves as surgeon of record.
2. The resident must enter all procedures and operative cases in which he/she is the surgeon of record into the system database (SNIPS) within 24 hours of completing the procedure or operation.
3. The resident must dictate an accurate and descriptive narration of the operative procedure in which he/she is the primary surgeon within 24 hours.
4. The resident must be prepared to present cases at weekly Chief's Conference and complications at weekly Morbidity and Mortality Conference for cases in which he/she served as surgeon of record.

E. Systems-Based Practice

1. The resident should be able to appropriately utilize, in a timely and cost efficient manner, ancillary services including social services, discharge planning, physical therapy, nutrition services, pharmacy, and physician extenders.
2. The resident should be able to summarize the financial costs, the risks and benefits of the proposed diagnostic studies and therapeutic procedures.
3. The resident should be able to determine and convey to appropriate individuals the instruments and other materials necessary for all procedures.
4. The resident should be able to justify all diagnostic tests (including laboratory studies) ordered and document when needed.

F. Professionalism

1. The resident must be honest with all individuals at all times in conveying issues of patient care.
2. The resident should place the needs of the patient above all the needs or desires of him/herself.
3. The resident should maintain high ethical behavior in all professional activities.
4. The resident should remain compliant with all required training designated by the institution.

5. The resident must demonstrate a commitment to the continuity of patient care through carrying out professional responsibilities or through assuring that those responsibilities are fully and accurately conveyed to others acting in his/her stead.
6. The resident must understand the institutional policy on duty hours and remain compliant with all duty hour regulations. Residents must enter the number of hours spent in the hospital into the tracking system (EValue) within four days of duty.
7. The resident should be properly and professionally attired at all times while engaged in patient care.
8. The resident should be properly and professionally groomed at all times when engaged in patient care.
9. The resident should demonstrate sensitivity to issues of age, race, gender, and religion with patients, families, and members of the health care team.
10. The resident should at all times treat patients, families, and all members of the health care team with respect.
11. The resident should reliably be present in pre-arranged places at pre-arranged times except when actively engaged in the treatment of a medical or surgical emergency. The resident must notify the appropriate supervisor if he or she will be unable to be present.
12. The resident must attend the following mandatory conferences:
 - Chief's Conference, Wednesday, 8:00 am*
 - Grand Rounds, Wednesday, 9:00 am*
 - Surgical Science Core Curriculum or Technical Skills Conference or Current Literature Conference, Wednesday, 10:00 am*

PGY 2

A. Medical Knowledge

1. Learn in-depth the fundamentals of basic science as they apply to the clinical practice of surgery.
 - a. The resident must prepare for and attend a second annual cycle of the Surgical Core Curriculum Conference offered twice each month on Wednesdays at 10 AM. The resident should read all assigned pages in *Surgical Review, 2nd Edition* and take the multiple choice tests at the beginning of each conference. *A minimum of 70% of the tests must be taken on time and a minimum test average of 70% must be maintained.*
 - b. The resident must prepare for and participate in monthly Current Literature Conference by reading assigned journal articles that are distributed several weeks before the conference.
 - c. The resident must attend the weekly Chief's Conference offered on Wednesdays at 8 AM and be prepared to present and discuss all cases on the conference list which he/she performed.
2. Develop technical skills appropriate to level of training.
 - a. The resident will attend all technical skills training conferences offered each month on Wednesdays at 10 AM. *The resident will demonstrate adequate proficiency in basic open vascular skills, intermediate ultrasound skills, intermediate laparoscopic skills, intermediate open skills, and placement of percutaneous tracheostomy and gastrostomy (PEG).*
3. The resident will participate in assessment of medical knowledge by taking the semi-monthly Surgical Core Curriculum tests and the annual ABSITE.

B. Patient Care

1. The resident should assume care of all patients on the service who are in the critical care units and be responsible for the evaluation and disposition of all consults generated by the emergency department or other hospital services.
2. The resident should perform a history and physical examination on every new patient admitted to the critical care unit and on every new patient admitted from the emergency department.
3. The resident should make daily assessment and plans on every patient in the critical care unit and every inpatient consult, and have full knowledge of all medical problems and progress of such patients.
4. The resident should perform all invasive procedures on patients in the critical care units.

5. The resident should assist in service organization, including daily care of patients on the hospital ward and in outpatient units.

C. Interpersonal and Communication Skills

1. The resident should be able to clearly, accurately, and succinctly present pertinent information to faculty regarding newly admitted patients.

2. The resident should keep the senior residents aware of all progress of all critical care unit patients and will alert the senior residents of new problems on the service.

3. The resident should clearly, accurately, and respectfully communicate with nurses and other hospital employees.

4. The resident should clearly, accurately, and respectfully communicate with referring and consulting physicians, including residents.

5. The resident should clearly, accurately, and respectfully communicate with patients and appropriate members of their families about identified disease processes (including complications), the expected courses, operative findings, and operative procedures.

6. The resident should maintain clear, concise, accurate, and timely medical records including (but not limited to) admission history and physical examination notes, consultation notes, progress notes, written and verbal orders, operative notes, and discharge summaries.

7. The resident should be able to clearly and accurately teach medical students and junior residents about the procedures performed on this rotation when qualified to do so by hospital and program policy.

D. Practice-Based Learning and Improvement

1. The resident will write an accurate, detailed, and legible preoperative assessment and counseling note on all patients for which he/she serves as surgeon of record.

2. The resident must enter all procedures and operative cases in which he/she is the surgeon of record into the system database (SNIPS) within 24 hours of completing the procedure or operation.

3. The resident must dictate an accurate and descriptive narration of the operative procedure in which he/she is the primary surgeon within 24 hours.

4. The resident must be prepared to present cases at weekly Chief's Conference and complications at weekly Morbidity and Mortality Conference.

E. Systems-Based Practice

1. The resident should be able to appropriately utilize in a timely and cost efficient manner ancillary services including social services, pastoral care, discharge planning, physical therapy, occupational therapy, nutrition services, pharmacy, and physician extenders.
2. The resident should be able to summarize the financial costs, the risks and benefits of the proposed diagnostic studies and therapeutic procedures.
3. The resident should be able to determine and convey to appropriate individuals the instruments and other materials necessary for all procedures.
4. The resident should be able to justify all diagnostic tests (including laboratory studies) ordered.

F. Professionalism

1. The resident must be honest with all individuals at all times in conveying issues of patient care.
2. The resident should place the needs of the patient above all the needs or desires of him/herself.
3. The resident should maintain high ethical behavior in all professional activities.
4. The resident should remain compliant with all required training designated by the institution.
5. The resident must demonstrate a commitment to the continuity of patient care through carrying out personal responsibilities or through assuring that those responsibilities are fully and accurately conveyed to others acting in his/her stead.
6. The resident must understand the institutional policy on duty hours and remain compliant with all duty hour regulations. Residents must enter the number of hours spent in the hospital into the tracking system (EValue) within four days of duty.
7. The resident should be properly and professionally attired at all times while engaged in patient care.
8. The resident should be properly and professionally groomed at all times when engaged in patient care.
9. The resident should demonstrate sensitivity to issues of age, race, gender, and religion with patients, families, and members of the health care team.

10. The resident should at all times treat patients, families, and all members of the health care team with respect.

11. The resident should reliably be present in pre-arranged places at pre-arranged times except when actively engaged in the treatment of a medical or surgical emergency. The resident must notify the appropriate supervisor if he or she will be unable to be present.

12. The resident must attend the following mandatory conferences:

Chief's Conference, Wednesday, 8:00 am

Grand Rounds, Wednesday, 9:00 am

Surgical Science Core Curriculum or Technical Skills Conference or Current Literature Conference, Wednesday, 10:00 am

PGY 3

A. Medical Knowledge

1. Learn in depth the following essential content areas of general surgery: alimentary tract, abdomen and its contents, surgical critical care, and trauma/burns.
 - a. The resident must prepare for and attend the Selected Readings in General Surgery Conference offered twice each month on Wednesdays at 10 AM. The resident should read assigned topics in *Selected Readings in General Surgery* covered during the academic year in advance of the respective conference.
 - b. The resident must prepare for and participate in monthly Current Literature Conference by reading assigned journal articles that are distributed several weeks before the conference.
 - c. The resident must attend the weekly Chief's Conference offered on Wednesdays at 8 AM and be prepared to present and discuss all cases on the conference list which he/she performed.
2. Develop technical skills appropriate to level of training.
 - a. The resident will attend all technical skills training conferences offered each month on Wednesdays at 10 AM. *The resident will demonstrate adequate proficiency in flexible endoscopy, percutaneous and sono-guided biopsy, advanced mechanical ventilation, echocardiography, and intermediate open vascular skills.*
3. The resident will participate in assessment of medical knowledge by taking the annual ABSITE.

B. Patient Care

1. The resident should assume direct responsibility for the care of all patients on the surgical service including consults.
2. The resident should directly supervise the PGY 1 and PGY2 and all medical students in the delivery of care to all patients on the service.
3. The resident should examine every patient admitted to the service.
4. The resident should make daily rounds and have full knowledge of medical problems of all patients on the service.
5. The resident should know the progress of every patient every day and personally examines patients with new problems.
6. The resident should know the medical problems and condition of each patient on the service who is to undergo a surgical procedure.

7. The resident should arrange for proper follow-up of all patients discharged from the service.
8. The resident is responsible for posting all operative cases.

C. Interpersonal and Communication Skills

1. The resident should be able to clearly, accurately, and succinctly present pertinent information to faculty regarding newly admitted patients.
2. The resident should keep the faculty aware of all progress of all critical care unit patients and will alert the faculty of new problems on the service.
3. The resident should clearly, accurately, and respectfully communicate with nurses and other hospital employees.
4. The resident should clearly, accurately, and respectfully communicate with referring and consulting physicians, including residents.
5. The resident should clearly, accurately, and respectfully communicate with patients and appropriate members of their families about identified disease processes (including complications), the expected courses, operative findings, and operative procedures.
6. The resident should maintain clear, concise, accurate, and timely medical records including (but not limited to) consultation notes, progress notes, written and verbal orders, operative notes, and discharge summaries.
7. The resident should be able to clearly and accurately teach medical students and junior residents about the procedures performed on this rotation when qualified to do so by hospital and program policy.

D. Practice-Based Learning and Improvement

1. The resident will write an accurate, detailed, and legible preoperative assessment and counseling note on all patients for which he/she serves as surgeon of record.
2. The resident must enter all procedures and operative cases in which he/she is the surgeon of record into the system database (SNIPS) within 24 hours of completing the procedure or operation.
3. The resident must dictate an accurate and descriptive narration of the operative procedure in which he/she is the primary surgeon within 24 hours.
4. The resident must be prepared to present cases at weekly Chief's Conference and complications at weekly Morbidity and Mortality Conference.

E. Systems-Based Practice

1. The resident should be able to appropriately utilize, in a timely and cost efficient manner, ancillary services including social services, discharge planning, physical therapy, nutrition services, pharmacy, and physician extenders.
2. The resident should be able to summarize the financial costs, the risks and benefits of the proposed diagnostic studies and therapeutic procedures.
3. The resident should be able to determine and convey to appropriate individuals the instruments and other materials necessary for all procedures.
4. The resident should be able to justify all diagnostic tests (including laboratory studies) ordered.

F. Professionalism

1. The resident must be honest with all individuals at all times in conveying issues of patient care.
2. The resident should place the needs of the patient above all the needs or desires of him/herself.
3. The resident should maintain high ethical behavior in all professional activities.
4. The resident should remain compliant with all required training designated by the institution.
5. The resident must demonstrate a commitment to the continuity of patient care through carrying out personal responsibilities or through assuring that those responsibilities are fully and accurately conveyed to others acting in his/her stead.
6. The resident must understand the institutional policy on duty hours and remain compliant with all duty hour regulations. Residents must enter the number of hours spent in the hospital into the tracking system (EValue) within four days of duty.
7. The resident should be properly and professionally attired at all times while engaged in patient care.
8. The resident should be properly and professionally groomed at all times when engaged in patient care.
9. The resident should demonstrate sensitivity to issues of age, race, gender, and religion with patients, families, and members of the health care team.

10. The resident should at all times treat patients, families, and all members of the health care team with respect.

11. The resident should reliably be present in pre-arranged places at pre-arranged times except when actively engaged in the treatment of a medical or surgical emergency. The resident must notify the appropriate supervisor if he or she will be unable to be present.

12. The resident will attend the following mandatory conferences:

Chief's Conference, Wednesday, 8:00 am

Grand Rounds, Wednesday, 9:00 am

Technical Skills or Current Literature Conference, Wednesday, 10:00 am

PGY 4

A. Medical knowledge

1. Learn in depth the following essential content areas of general surgery: pediatric surgery and vascular surgery. Learn in depth the following additional areas: transplant, burns, cardiothoracic surgery, and GI medicine.
 - a. The resident must prepare for and attend the Selected Readings in General Surgery Conference offered twice each month on Wednesdays at 10 AM. The resident should read assigned topics in *Selected Readings in General Surgery* covered during the academic year in advance of the respective conference.
 - b. The resident must prepare for and participate in monthly Current Literature Conference by reading assigned journal articles that are distributed several weeks before the conference.
 - c. The resident must attend the weekly Chief's Conference offered on Wednesdays at 8 AM and be prepared to present and discuss all cases on the conference list which he/she performed.
2. Develop technical skills appropriate to level of training.
 - a. The resident will attend all technical skills training conferences offered each month on Wednesdays at 10 AM. *The resident will demonstrate adequate proficiency in advanced open vascular skills, advanced laparoscopic skills, and ultrasound.*
3. The resident will participate in assessment of medical knowledge by taking the annual ABSITE.

B. Patient Care

1. The resident should assume directly responsibility for the care of all patients on the surgical service.
2. The resident should directly supervise junior residents and all medical students in the delivery of care to all patients on the service.
3. The resident should see every admission to the service.
4. The resident should have full knowledge of medical problems and progress of all patients.
5. The resident should personally examine patients experiencing new problems.
6. The resident should know every patient who is to undergo a surgical procedure on his/her service.

7. The resident should be immediately available to come into the hospital on the night his/her service is on call.

C. Interpersonal and Communication Skills

1. The resident should ensure that the attending is aware of the progress of all patients on the service.

2. The resident should clearly, accurately, and respectfully communicate with nurses and other hospital employees.

3. The resident should clearly, accurately, and respectfully communicate with referring and consulting physicians, including residents.

4. The resident should clearly, accurately, and respectfully communicate with patients and appropriate members of their families about identified disease processes (including complications), the expected courses, operative findings, and operative procedures.

5. The resident should maintain clear, concise, accurate, and timely medical records including (but not limited to) consultation notes, progress notes, written and verbal orders, operative notes, and discharge summaries.

6. The resident should be able to clearly and accurately teach medical students and junior residents about the procedures performed on this rotation when qualified to do so by hospital and program policy.

D. Practice-Based Learning and Improvement

1. The resident will write an accurate, detailed, and legible preoperative assessment and counseling note on all patients for which he/she serves as surgeon of record.

2. The resident must enter all procedures and operative cases in which he/she is the surgeon of record into the system database (SNIPS) within 24 hours of completing the procedure or operation.

3. The resident must dictate an accurate and descriptive narration of the operative procedure in which he/she is the primary surgeon within 24 hours.

4. The resident must be prepared to present cases at weekly Chief's Conference and complications at weekly Morbidity and Mortality Conference.

E. Systems-Based Practice

1. The resident should be able to assess the risks and benefits of all options for treating patients with surgical illness.
2. The resident should be able to summarize the financial costs, potential complications, and long term expectations for planned procedures.
3. The resident should be able to determine the benefit of additional treatment by other services such as radiation therapy, interventional radiology, and medical oncology.
4. The resident should be able to determine and convey to appropriate individuals the instruments and other materials necessary for all procedures.

F. Professionalism

1. The resident must be honest with all individuals at all times in conveying issues of patient care.
2. The resident should place the needs of the patient above all the needs or desires of him/herself.
3. The resident should maintain high ethical behavior in all professional activities.
4. The resident should remain compliant with all required training designated by the institution.
5. The resident must demonstrate a commitment to the continuity of patient care through carrying out personal responsibilities or through assuring that those responsibilities are fully and accurately conveyed to others acting in his/her stead.
6. The resident must understand the institutional policy on duty hours and remain compliant with all duty hour regulations. Residents must enter the number of hours spent in the hospital into the tracking system (EValue) within four days of duty.
7. The resident should be properly and professionally attired at all times while engaged in patient care.
8. The resident should be properly and professionally groomed at all times when engaged in patient care.
9. The resident should demonstrate sensitivity to issues of age, race, gender, and religion with patients, families, and members of the health care team.

10. The resident should at all times treat patients, families, and all members of the health care team with respect.

11. The resident should reliably be present in pre-arranged places at pre-arranged times except when actively engaged in the treatment of a medical or surgical emergency. The resident must notify the appropriate supervisor if he or she will be unable to be present.

12. The resident will attend the following mandatory conferences:

Chief's Conference, Wednesday, 8:00 am

Grand Rounds, Wednesday, 9:00 am

Technical Skills or Current Literature Conference, Wednesday, 10:00 am

CHIEF RESIDENT

A. Medical knowledge

1. Learn in depth the following essential content areas of general surgery: breast, skin and soft tissue, endocrine system, head and neck surgery, and surgical oncology.
 - a. The resident must prepare for and attend the Selected Readings in General Surgery Conference offered twice each month on Wednesdays at 10 AM. The resident should read assigned topics in *Selected Readings in General Surgery* covered during the academic year in advance of the respective conference.
 - b. The resident must prepare for and participate in monthly Current Literature Conference by reading assigned journal articles that are distributed several weeks before the conference.
 - c. The resident must attend the weekly Chief's Conference offered on Wednesdays at 8 AM and be prepared to present and discuss all cases on the conference list which he/she performed.
2. Develop technical skills appropriate to level of training.
 - a. The resident will attend all technical skills training conferences offered each month on Wednesdays at 10 AM. *The resident will demonstrate adequate proficiency in advanced open exposure skills, advanced laparoscopic skills, and advanced ultrasound.*
3. The resident will participate in assessment of medical knowledge by taking the annual ABSITE.

B. Patient Care

1. The resident should assume direct responsibility for the care of all patients on the surgical service.
2. The resident should directly supervise the PGY 3 and assist in supervision of junior residents and all medical students in the delivery of care to patients on the service.
3. The resident should see every admission to the service.
4. The resident should have full knowledge of medical problems and progress of all patients.
5. The resident should personally examine patients experiencing new problems.
6. The resident should know every patient who is to undergo a surgical procedure on his/her service.

7. The resident should be immediately available to come into the hospital on the night his/her service is on call.

D. Interpersonal and Communication Skills

1. The resident should ensure that the attending is aware of the progress of all patients on the service.

2. The resident should clearly, accurately, and respectfully communicate with nurses and other hospital employees.

3. The resident should clearly, accurately, and respectfully communicate with referring and consulting physicians, including residents.

4. The resident should clearly, accurately, and respectfully communicate with patients and appropriate members of their families about identified disease processes (including complications), the expected courses, operative findings, and operative procedures.

5. The resident should maintain clear, concise, accurate, and timely medical records including (but not limited to) consultation notes, progress notes, written and verbal orders, operative notes, and discharge summaries.

6. The resident should be able to clearly and accurately teach medical students and junior residents about the procedures performed on this rotation when qualified to do so by hospital and program policy.

D. Practice-Based Learning and Improvement

1. The resident will write an accurate, detailed, and legible preoperative assessment and counseling note on all patients for which he/she serves as surgeon of record.

2. The resident must enter all procedures and operative cases in which he/she is the surgeon of record into the system database (SNIPS) within 24 hours of completing the procedure or operation.

3. The resident must dictate an accurate and descriptive narration of the operative procedure in which he/she is the primary surgeon within 24 hours.

4. The resident must be prepared to present cases at weekly Chief's Conference and complications at weekly Morbidity and Mortality Conference.

E. Systems-Based Practice

1. The resident should be able to assess the risks and benefits of all options for treating patients with surgical illness.
2. The resident should be able to summarize the financial costs, potential complications, and long-term expectations for planned procedures.
3. The resident should be able to determine the benefit of additional treatment by other services such as radiation therapy, interventional radiology, and medical oncology.
4. The resident should be able to determine and convey to appropriate individuals the instruments and other materials necessary for all procedures.

F. Professionalism

1. The resident must be honest with all individuals at all times in conveying issues of patient care.
2. The resident should place the needs of the patient above all the needs or desires of him/herself.
3. The resident should maintain high ethical behavior in all professional activities.
4. The resident should remain compliant with all required training designated by the institution.
5. The resident must demonstrate a commitment to the continuity of patient care through carrying out personal responsibilities or through assuring that those responsibilities are fully and accurately conveyed to others acting in his/her stead.
6. The resident must understand the institutional policy on duty hours and remain compliant with all duty hour regulations. Residents must enter the number of hours spent in the hospital into the tracking system (EValue) within four days of duty.
7. The resident should be properly and professionally attired at all times while engaged in patient care.
8. The resident should be properly and professionally groomed at all times when engaged in patient care.
9. The resident should demonstrate sensitivity to issues of age, race, gender, and religion with patients, families, and members of the health care team.

10. The resident should at all times treat patients, families, and all members of the health care team with respect.

11. The resident should reliably be present in pre-arranged places at pre-arranged times except when actively engaged in the treatment of a medical or surgical emergency. The resident must notify the appropriate supervisor if he or she will be unable to be present.

12. The resident will attend the following mandatory conferences:

Chief's Conference, Wednesday, 8:00 am

Grand Rounds, Wednesday, 9:00 am

Technical Skills or Current Literature Conference, Wednesday, 10:00 am