

## University of Maryland Department of Orthopaedics Common Competency Requirements

### Patient Care

Faculty will evaluate the resident's ability to obtain an H&P and appropriate radiographs and formulate a treatment plan for outpatients and inpatient consults.

In the operating room, the faculty will evaluate the resident's familiarity with the patient, the indications for surgery, understanding of the surgical treatment plan, ability to execute the operative plan, and understanding of the post-operative treatment plan.

Residents will be evaluated by mid-cycle and end of rotation faculty feedback, on-the-fly faculty feedback, case presentation evaluation forms, operative case log, 360 degree surveys, and self assessment.

PGY-2, 3 Resident Goals & Objectives:	PGY-4,5 Resident Goals and Objectives:
<p>The resident will:</p> <ol style="list-style-type: none"> <li>1. Be able to perform a comprehensive history and physical examination for a patient seen in the emergency room, outpatient clinic, or as an inpatient consultation. A comprehensive history includes recording the chief complaint, history and detailed mechanism of injury if any, special requirements and hobbies, past medical/family/social/surgical histories, medications. The physical exam should include an exam for the identification of problems in the following categories:               <ol style="list-style-type: none"> <li>a. Developmental</li> <li>b. Degenerative</li> <li>c. Traumatic</li> <li>d. Infectious</li> <li>e. Inflammatory</li> <li>f. Metabolic</li> <li>g. Neurologic</li> <li>h. Neoplastic</li> <li>i. Vascular</li> </ol> </li> <li>2. Effectively demonstrate that he/she can competently:               <ol style="list-style-type: none"> <li>a. Obtain a comprehensive <b>history</b></li> <li>b. Perform any relevant condition-specific <b>physical examination</b></li> <li>c. Identify appropriate radiographic <b>imaging studies</b></li> <li>d. Formulate a differential diagnosis and make an accurate final <b>diagnosis</b></li> <li>e. Outline the <b>etiology</b>, or possible etiologies of the specific condition</li> <li>f. Outline the <b>natural history</b> of the specific condition with and</li> </ol> </li> </ol>	<p>The resident will:</p> <ol style="list-style-type: none"> <li>1. Demonstrate mastery of all PGY-II level goals and objectives</li> <li>2. Demonstrate ability and expertise in coordinating daily patient care including oversight of the service junior resident.</li> <li>3. Perform daily work rounds and formulate daily care plans for each patient on the service.</li> <li>4. Possess proficiency in the pre-operative evaluation of patients seen in the clinics, in the ED or in the hospital wards.</li> <li>5. Demonstrate knowledge of the surgical approach and local anatomy for all operative procedures performed on the service including elective and emergent cases.</li> </ol>

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<p>without surgical treatment</p> <ul style="list-style-type: none"><li>g. Describe appropriate <b>non-operative treatment options</b> (if they exist)</li><li>h. Describe appropriate <b>operative treatment options</b> (if they exist)</li><li>i. Describe possible <b>complications</b> of non-operative and operative treatment</li><li>j. Outline the <b>rehabilitation program</b> involved in non-operative and operative treatment</li><li>k. Outline the <b>prognosis</b> of non-operative and operative treatment in order to evaluate the specific conditions identified for each specific rotation</li></ul> <ol style="list-style-type: none"><li>3. Effectively communicate the history taken from the patient in a succinct and systematic fashion</li><li>4. Effectively communicate and demonstrate respectful and caring behavior when interacting with patients and their families</li><li>5. Be competent in developing initial management plan including specialized investigations, laboratory, and radiographic studies for patients with skeletal complaints.</li><li>6. Be competent in assuming responsibility for specifically inquiring about the presence or absence of relevant systemic disease depending upon the condition being evaluated (e.g.: rheumatoid arthritis, ankylosing spondylitis, osteoporosis)</li><li>7. Demonstrate knowledge and application of knowledge of non-operative treatment modalities including medical therapy such as anti-inflammatory medications, prescription of appropriate therapy and exercise program, basics of splinting and casting. ...</li><li>8. Effectively apply knowledge of the basics of post-operative wound management and therapy to patient care</li><li>9. Demonstrate the ability to practice culturally sensitive medicine</li><li>10. Use information technology such as data from current clinical studies as well as information from current journals to support patient care decisions and patient education</li><li>11. Work effectively with other health care professionals from various disciplines to provide complete patient-focused care</li></ol>	
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### Medical Knowledge

Faculty will evaluate the resident's knowledge on an ongoing basis in the clinic and operating room.

Residents will be evaluated by mid-cycle and end of rotation faculty feedback, on-the-fly faculty feedback, pre-op conference assessments, case presentation evaluation forms, journal club evaluation forms, OITE scores, 360 degree surveys, self assessment.

PGY 2,3 Resident Goals and Objectives:	PGY 4,5 Resident Goals and Objectives:
<p>The resident will:</p> <ol style="list-style-type: none"> <li>1. Possess an understanding of the scientific basis of diagnosis and treatment of the systemic and specific conditions listed above.</li> <li>2. Demonstrate knowledge of relevant history and physical examination findings, laboratory tests, and imaging studies for patients on whom surgical treatment is being planned.</li> <li>3. Demonstrate knowledge of non-operative treatment including the use of anti-inflammatory medications, physical/occupational therapy, exercise, application of heat/cold, braces/splints/casts</li> <li>4. Demonstrate knowledge of the indications for surgical procedures specified by rotation</li> <li>5. Demonstrate understanding of the relevant surgical anatomy</li> <li>6. Demonstrate an understanding of simple invasive procedures for patients such as injection/aspiration, abscess drainage, closed reduction of simple fractures</li> <li>7. Demonstrate knowledge of the basics of post-operative therapy</li> </ol>	<p>In addition to obtaining competency in the PGY-II goals and objectives, the resident will:</p> <ol style="list-style-type: none"> <li>1. Possess knowledge and demonstrate expertise in the discussion of the natural history of the systemic and specific conditions listed above</li> <li>2. Demonstrate proficiency in the application of all splints and casts</li> <li>3. Demonstrate an advanced understanding of pathology, surgical anatomy and operative exposures</li> <li>4. Assume a leadership role in planning patient care and teaching conferences</li> </ol>

### Practice Based Learning and Improvement

Residents will be evaluated based upon awareness of background and recent advances in common treatments, surgical indications, and surgical principles through participation in weekly pre-operative conference, morning trauma intake rounds, Chairman's conference, monthly M&M conference, and Journal club.

Residents will be evaluated by mid-cycle and end of rotation faculty feedback, on-the-fly faculty feedback, pre-op conference assessments, case presentation evaluation forms, journal club evaluation forms, M&M assessments, 360 degree surveys, self assessment.

PGY 2,3 Resident Goals and Objectives:	PGY 4,5 Resident Goals and Objectives:
<p>The resident will:</p> <ol style="list-style-type: none"> <li>1. Demonstrate familiarity and understanding of appropriate reading materials</li> <li>2. Accurately locate, appraise and assimilate evidence from scientific studies relating to the patient's orthopaedic condition.</li> <li>3. Demonstrate familiarity and understanding of e-resources for obtaining reviews, lectures, videos including such resources as:</li> </ol>	<p>In addition to obtaining competency in the PGY-II goals and objectives, the resident will:</p> <ol style="list-style-type: none"> <li>1. Apply critical thinking in the appraisal of clinical studies read in the peer reviewed literature as well as in the treatment of patients</li> <li>2. Direct the education for the more junior residents on the service</li> <li>3. Prepare and organize the weekly pre-operative conference and</li> </ol>

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<ul style="list-style-type: none"> <li>a. AAOS web site/OKO</li> <li>b. Department video library</li> <li>4. Demonstrate facility in the critical reading of a manuscript through active participation in Journal Club</li> <li>5. Demonstrate facility at using on-line search engines such as MEDLINE to locate and access appropriate educational materials and peer review articles relevant to patient care.</li> <li>6. Successfully maintain a record of all operative cases using the ACGME case log system</li> <li>7. Facilitate the learning of medical students and other health care professionals</li> </ul>	<p>ensure adequate preparation and review of the literature by the junior residents</p>
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### **Interpersonal & Communication Skills**

Faculty will evaluate the residents' ability to: obtain a history, communicate findings from patient examinations, articulate a treatment plan, convey rehabilitation plans to therapists, and discuss treatment recommendations and outcomes with patients and their families.

Residents will be evaluated by mid-cycle and end of rotation faculty feedback, on-the-fly faculty feedback, 360 degree surveys, self assessment.

<p><b>PGY 2,3 Goals and Objectives:</b></p> <p>The resident will:</p> <ul style="list-style-type: none"> <li>1. Demonstrate communication skills that result in an effective information exchange with patients, their families and caregivers, and other physicians and members of the health care team.</li> <li>2. Create and sustains a therapeutic and ethically sound relationship with patients and their families</li> <li>3. Effectively use listening skills in communication with all parties involved in patient care</li> <li>4. Work effectively with other members of the team, specifically medical assistants, other residents, fellows, nurses, and therapists</li> </ul>	<p><b>PGY 4,5 Goals and Objectives:</b></p> <p>In addition to obtaining competency in the PGY-II goals and objectives, the resident will:</p> <ul style="list-style-type: none"> <li>1. Supervise the conduct of the weekly pre-operative conference</li> <li>2. Manage and ensure effective care plan communication at weekly multi-disciplinary rounds</li> </ul>
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### **Professionalism**

Faculty will evaluate the resident's ability to maintain the highest professional standard of conduct at all times and serve as a role model for professional behavior.

Residents will be evaluated by mid-cycle and end of rotation faculty feedback, on-the-fly faculty feedback, 360 degree surveys, self assessment.

<p><b>PGY- 2,3,4,5 Goals and Objectives:</b></p> <p>The resident will:</p> <ul style="list-style-type: none"> <li>1. Demonstrate a commitment to carrying out professional responsibilities, adherence to ethical principles, and sensitivity to a diverse patient</li> </ul>
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2. Maintain professional behavior at all times including appropriate dress, language, and conduct in all clinical settings
3. Demonstrate respect, compassion, and integrity while carrying out professional responsibilities with an adherence to ethical principles and standards, and with a sensitivity to the diverse patient population with whom he/she is exposed
4. Demonstrate a responsiveness to the needs of patients and society that supersedes self-interest
5. Demonstrate a responsiveness and sensitivity to a patient's age, gender, culture
6. Understand and demonstrate the ability to obtain an informed consent from a patient that includes the presentation of the natural history of both surgical and non-surgical treatment of the patient's condition as well as an appropriate discussion of the risks and benefits of surgery.
7. Demonstrate sensitivity to the age, gender, culture, and disabilities of fellow health care professionals
8. Demonstrate appropriate conduct in the timely completion of admission history and physicals, operative reports, and discharge summaries
9. Demonstrate a commitment to ethical principles pertaining to:
  - a. provision or withholding of clinical care
  - b. confidentiality of patient information
  - c. informed consent
  - d. business practices

### Systems-based Practice

Residents must demonstrate an awareness of and responsiveness to the larger context and system of health care and the ability to effectively call on system resources to provide care that is of optimal value.

Residents will be evaluated by mid-cycle and end of rotation faculty feedback, on-the-fly faculty feedback, pre-op conference assessments, M&M evaluation, OITE scores, 360 degree surveys.

PGY-2,3 Goals and Objectives:	PGY-4,5 Goals and Objectives:
<p>Residents are expected to:</p> <ol style="list-style-type: none"> <li>1. Understand how their patient care and other professional practices affect other health care professionals, the health care organization, and the larger society and how these elements of the system affect their own practice. Specifically, the identification of a proper site before surgery and a confirmation of the operative procedure to be done with the chief resident or attending surgeon in the pre-operative holding area is a crucial duty.</li> <li>2. Effectively partner with other members of the health care team.</li> <li>3. Know how types of medical practice and delivery systems differ from one another, including methods of controlling health care costs and allocating resources.</li> <li>4. Practice cost-effective health care and resource allocation that does not compromise quality of care.</li> </ol>	<p>In addition to obtaining competency in the PGY-II goals and objectives, the resident will:</p> <ol style="list-style-type: none"> <li>1. Serve as a role model for all members of the health care team.</li> <li>2. Understand the cost and benefit of expensive and/or invasive studies such as CT, MRI, guided aspiration, contrast studies</li> </ol>

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| <ol style="list-style-type: none"><li>5. Advocate for quality patient care and assist patients in dealing with system complexities</li><li>6. Know how to partner with health care managers and health care providers to assess, coordinate, and improve health care and know how these activities can affect system performance.</li><li>7. Demonstrate appropriate conduct in the timely completion of discharge summaries and understand how the delay of this impacts patient care throughout the system.</li><li>8. Team with the Chief resident to ensure that appropriate notes, laboratory studies, and radiographic studies are available for pre-operative conference and in the OR, and understand how incomplete patient records effect patient care.</li></ol> |  |
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