

The Gynecologic Oncology Milestone Project

A Joint Initiative of

The Accreditation Council for Graduate Medical Education
The American Board of Obstetrics and Gynecology and
and
The American College of Obstetricians and Gynecologists



February 2016

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The Milestones are designed only for use in evaluation of the fellow in the context of their participation in ACGME-accredited residency or fellowship programs. The Milestones provide a framework for assessment of the development of the fellow in key dimensions of the elements of physician competency in a specialty or subspecialty. They neither represent the entirety of the dimensions of the six domains of physician competency, nor are they designed to be relevant in any other context.

Gynecologic Oncology Milestones

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Milestone Reporting

This document presents Milestones designed for programs to use in semi-annual review of fellow performance and reporting to the ACGME. Milestones are knowledge, skills, attitudes, and other attributes for each of the ACGME competencies organized in a developmental framework from less to more advanced. They are descriptors and targets for fellow performance as a fellow moves from entry into fellowship through graduation. In the initial years of implementation, the Review Committee will examine Milestone performance data for each program's fellows as one element in the Next Accreditation System (NAS) to determine whether fellows overall are progressing.

For each period, review and reporting will involve selecting milestone levels that best describe a fellow's current performance and attributes. Milestones are arranged into numbered levels. Tracking from Level 1 to Level 5 is synonymous with moving from novice to expert in the subspecialty.

Selection of a level implies that the fellow substantially demonstrates the milestones in that level, as well as those in lower levels (see the diagram on page v).

- Level 1:** The fellow demonstrates milestones expected of an incoming fellow.
- Level 2:** The fellow is advancing and demonstrates additional milestones, but is not yet performing at a mid-fellowship level.
- Level 3:** The fellow continues to advance and demonstrate additional milestones, consistently including the majority of milestones targeted for fellowship.
- Level 4:** The fellow has advanced so that he or she now substantially demonstrates the milestones targeted for fellowship. This level is designed as the graduation target.
- Level 5:** The fellow has advanced beyond performance targets set for fellowship and is demonstrating "aspirational" goals which might describe the performance of someone who has been in practice for several years. It is expected that only a few exceptional fellows will reach this level.

Additional Notes

Level 4 is designed as the graduation *target* and *does not* represent a graduation *requirement*. Making decisions about readiness for graduation is the purview of the fellowship program director. Study of Milestone performance data will be required before the ACGME and its partners will be able to determine whether milestones in the first four levels appropriately represent the developmental framework, and whether Milestone data are of sufficient quality to be used for high-stakes decisions.

Examples are provided with some milestones. Please note that the examples are not the required element or outcome; they are provided as a way to share the intent of the element.

Some milestone descriptions include statements about performing independently. These activities must occur in conformity to the ACGME supervision guidelines, as well as institutional and program policies. For example, a fellow who performs a procedure independently must, at a minimum, be supervised through oversight.

Answers to Frequently Asked Questions about the Next Accreditation System and Milestones are posted on the Next Accreditation System section of the ACGME website.

The diagram below presents an example set of milestones for one sub-competency in the same format as the ACGME Report Worksheet. For each reporting period, a fellow's performance on the milestones for each sub-competency will be indicated by selecting the level of milestones that best describes that fellow's performance in relation to those milestones.

MK1: Anatomy				
Level 1	Level 2	Level 3	Level 4	Level 5
Demonstrates knowledge of basic pelvic anatomy to include major organs including neurovascular and musculoskeletal structures	Demonstrates knowledge of the vascular and nerve supply to each of the pelvic organs and structures, including the external genitalia, uterus, adnexa, ureter, bladder, and recto-sigmoid colon Demonstrates knowledge of normal retroperitoneal and upper abdominal anatomy	Applies knowledge of normal pelvic and abdominal anatomy in the surgical setting Demonstrates knowledge of pelvic, retroperitoneal, and upper abdominal anatomy distorted by gynecologic cancer	Applies knowledge of pelvic, retroperitoneal, and upper abdominal anatomy distorted by gynecologic cancer in a complex surgical setting Applies knowledge of anatomy when reviewing diagnostic studies	Applies knowledge of extra-abdominal anatomy and applies to complex surgical cases (e.g., thoracic, head and neck, and reconstructive surgeries)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments: Not yet achieved Level 1 <input type="checkbox"/>				

Selecting a response box in the middle of a level implies that milestones in that level and in lower levels have been substantially demonstrated.

Selecting a response box on the line in between levels indicates that milestones in lower levels have been substantially demonstrated as well as **some** milestones in the higher level(s).

PC1: Surgical Care of Gynecologic Cancer – Open Techniques				
Level 1	Level 2	Level 3	Level 4	Level 5
<p>Independently selects appropriate open procedures for benign gynecologic conditions</p> <p>Proficiently performs benign gynecologic open procedures</p> <p>Identifies surgical complications and appropriately uses intra-operative consultation</p>	<p>Proposes appropriate cancer-specific open procedures</p> <p>Effectively assists during radical cancer-specific open procedures (e.g., radical hysterectomy/ vulvectomy, staging, debulking)</p> <p>Independently performs basic cancer-specific open procedures (e.g., abdominal hysterectomy)</p> <p>Recognizes and develops management strategy for intra-operative complications</p>	<p>Selects appropriate cancer-specific open procedures, with supervision</p> <p>Effectively performs radical cancer-specific open procedures, with supervision</p> <p>Manages surgical complications, with supervision</p> <p>Collaborates with and provides subspecialty-specific open surgical consultation to other members of the health care team, with supervision</p>	<p>Independently selects appropriate cancer-specific open procedures</p> <p>Independently and proficiently performs radical cancer-specific open procedures</p> <p>Anticipates, diagnoses, and independently manages intra-operative surgical complications</p> <p>Independently collaborates with and provides subspecialty-specific open surgical consultation to other members of the health care team</p>	<p>Applies an evidence-based approach to innovative and complex treatment plans for cancer-specific open surgical interventions</p>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				Not yet achieved Level 1 <input type="checkbox"/>

PC2: Surgical Care of Gynecologic Cancer – Minimally Invasive Surgical (MIS) Techniques				
Level 1	Level 2	Level 3	Level 4	Level 5
<p>Independently selects appropriate minimally invasive surgical (MIS) procedures for benign gynecologic conditions</p> <p>Proficiently performs benign gynecologic MIS procedures</p> <p>Identifies MIS-specific complications and appropriately uses intra-operative consultation</p>	<p>Proposes appropriate cancer-specific MIS procedures</p> <p>Effectively assists during radical cancer-specific MIS procedures</p> <p>Independently performs basic cancer-specific MIS procedures (e.g., laparoscopic hysterectomy)</p> <p>Recognizes and develops management strategy for MIS-related intra-operative complications</p>	<p>Selects appropriate cancer-specific MIS procedures, with supervision</p> <p>Effectively performs radical cancer-specific MIS procedures, with supervision</p> <p>Manages MIS-related surgical complications, with supervision</p> <p>Collaborates with and provides subspecialty-specific MIS consultation to other members of the health care team, with supervision</p>	<p>Independently selects appropriate cancer-specific MIS procedures</p> <p>Independently and proficiently performs radical cancer-specific MIS procedures (e.g., radical hysterectomy, staging)</p> <p>Anticipates, diagnoses, and independently manages intra-operative surgical MIS-related complications</p> <p>Independently collaborates with and provides subspecialty-specific MIS consultation to other members of the health care team</p>	<p>Applies an evidence-based approach to innovative and complex treatment plans for cancer-specific MIS interventions</p>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				Not yet achieved Level 1 <input type="checkbox"/>

PC3: Medical Management of Gynecologic Cancer – Chemotherapy and Targeted Therapeutics				
Level 1	Level 2	Level 3	Level 4	Level 5
<p>Discusses commonly used chemotherapy agents (e.g., carboplatin, paclitaxel, methotrexate)</p> <p>Discusses commonly used targeted therapeutics (e.g., PARP inhibitors, anti-angiogenic agents)</p> <p>Discusses common complications of chemotherapy agents and targeted therapeutics</p>	<p>Proposes appropriate site-specific chemotherapy agents and targeted therapeutics</p> <p>Recognizes and develops a management strategy for complications of chemotherapy agents and targeted therapeutics</p>	<p>Selects appropriate chemotherapy agents and targeted therapeutics, with supervision</p> <p>Effectively manages treatment of patients with chemotherapy agents and targeted therapeutics, with supervision</p> <p>Manages complications of chemotherapy agents and targeted therapeutics, with supervision</p> <p>Collaborates with and provides subspecialty-specific consultation to other members of the health care team, with supervision</p>	<p>Independently selects appropriate chemotherapy agents and targeted therapeutics</p> <p>Independently and proficiently manages treatment of patients with chemotherapy agents and targeted therapeutics</p> <p>Anticipates, diagnoses, and independently manages complications of chemotherapy agents and targeted therapeutics</p> <p>Independently collaborates with and provides subspecialty-specific consultation to other members of the health care team</p>	<p>Applies an evidence-based approach to innovative and complex site-specific medical management plans</p>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				Not yet achieved Level 1 <input type="checkbox"/>

PC4: Peri-operative Care				
Level 1	Level 2	Level 3	Level 4	Level 5
<p>Assesses pre-operative surgical risk and proposes a management plan to optimize surgical outcomes in benign gynecologic patients</p> <p>Anticipates, diagnoses, and manages medical disorders and surgical complications in benign gynecologic patients during the post-operative period</p>	<p>Assesses pre-operative surgical risk and proposes a management plan to optimize surgical outcomes in patients with gynecologic cancer, with supervision</p> <p>Recognizes medical disorders and surgical complications in patients with gynecologic cancer during the post-operative period</p> <p>Proposes management strategies for medical disorders and surgical complications in patients with gynecologic cancer during the post-operative period</p>	<p>Implements a plan to optimize surgical outcomes in patients with gynecologic cancer, with supervision</p> <p>Anticipates, diagnoses, and manages medical disorders and surgical complications in patients with gynecologic cancer during the post-operative period, with supervision</p> <p>Participates in critical care management of patients with gynecologic cancer, with supervision</p> <p>Collaborates with and provides subspecialty-specific consultation to other members of the peri-operative health care team, with supervision</p>	<p>Independently assesses pre-operative surgical risk and develops a plan to optimize surgical outcomes in patients with gynecologic cancer</p> <p>Anticipates, diagnoses, and independently manages medical disorders and surgical complications in patients with gynecologic cancer during the post-operative period</p> <p>Independently collaborates with and provides subspecialty-specific consultation to other members of the peri-operative health care team, including critical care specialists</p>	<p>Applies an evidence-based approach to innovative peri-operative management of surgically complex patients</p>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				Not yet achieved Level 1 <input type="checkbox"/>

PC5: Hospice and Palliative Care				
Level 1	Level 2	Level 3	Level 4	Level 5
Identifies and manages uncomplicated cancer and treatment-related symptoms (e.g., pain, nausea, constipation) Determines status of patient's advanced care directives	Identifies and manages complicated cancer and treatment-related symptoms (e.g., fatigue, neuropathy, palmar-plantar erythrodysesthesia [PPE]) Assesses need for palliative care Assesses need for hospice/end-of-life care	Provides management of complex and refractory cancer and treatment-related symptoms, with supervision (e.g., refractory pain, bowel obstruction, ascites) Counsels patients regarding palliative care options, with supervision Counsels patients and families regarding hospice/end-of-life care, with supervision	Independently collaborates to provide management of complex and refractory cancer and treatment-related symptoms Independently counsels patients regarding palliative care options Independently counsels patients and families regarding hospice/end-of-life care Independently collaborates with other members of the health care team to optimize palliation of cancer and treatment-related symptoms as well as hospice/end-of-life care	Applies innovative evidence-based approaches to palliative and hospice/end-of-life care
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				Not yet achieved Level 1 <input type="checkbox"/>

MK1: Anatomy				
Level 1	Level 2	Level 3	Level 4	Level 5
Demonstrates knowledge of basic pelvic anatomy, to include major organs, including neurovascular and musculoskeletal structures	Demonstrates knowledge of the vascular and nerve supply to each of the pelvic organs and structures, including the external genitalia, uterus, adnexa, ureter, bladder, and recto-sigmoid colon Demonstrates knowledge of normal retroperitoneal and upper abdominal anatomy	Applies knowledge of normal pelvic and abdominal anatomy in the surgical setting Demonstrates knowledge of pelvic, retroperitoneal, and upper abdominal anatomy distorted by gynecologic cancer	Applies knowledge of pelvic, retroperitoneal, and upper abdominal anatomy distorted by gynecologic cancer in a complex surgical setting Applies knowledge of anatomy when reviewing diagnostic studies	Applies knowledge of extra-abdominal anatomy and applies to complex surgical cases (e.g., thoracic, head and neck, reconstructive surgeries)
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				Not yet achieved Level 1 <input type="checkbox"/>

MK2: Pathology				
Level 1	Level 2	Level 3	Level 4	Level 5
Identifies normal, benign, and premalignant gynecologic conditions by gross and microscopic evaluation	Identifies common malignant gynecologic conditions by gross and microscopic evaluation Demonstrates knowledge of special studies used to identify and subcategorize premalignant conditions (e.g., human papillomavirus [HPV] typing and immunohistochemistry)	Identifies rare malignant gynecologic conditions by gross and microscopic evaluation Demonstrates knowledge of special studies used to identify and subcategorize gynecologic malignancies (e.g., immunohistochemistry and molecular diagnostics)	Applies knowledge of the histopathology and special studies to formulate a treatment plan for the gynecologic oncology patient	Incorporates evidence-based, evolving technologies to identify and subcategorize premalignant and malignant gynecologic conditions in collaboration with a gynecologic pathologist
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				Not yet achieved Level 1 <input type="checkbox"/>

MK3: Management of Medical Diseases in Gynecologic Cancer – Organ System Disorders				
Level 1	Level 2	Level 3	Level 4	Level 5
<p>Demonstrates knowledge of common medical conditions that can affect patient outcomes (e.g., diabetes, hypertension, asthma)</p> <p>Demonstrates knowledge of fluid, electrolyte, nutrition, and blood product management</p>	<p>Applies knowledge of common medical co-morbidities to optimize patient outcomes</p> <p>Demonstrates knowledge of complex fluid management (e.g., hypovolemia, electrolyte abnormalities)</p>	<p>Demonstrates knowledge of complex organ system disorders (e.g., congestive heart failure, renal failure, coagulopathies)</p> <p>Demonstrates knowledge of critical care management (e.g., ventilation, shock, multi-system failure)</p>	<p>Applies knowledge of complex organ system disorders to optimize patient outcomes</p> <p>Applies knowledge of critical care management to optimize patient outcomes</p>	<p>Applies an evidence-based approach to innovative management of the gynecologic cancer patient with complex medical conditions</p>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				Not yet achieved Level 1 <input type="checkbox"/>

MK4: Genetics, Cancer Biology, and Immunology				
Level 1	Level 2	Level 3	Level 4	Level 5
Demonstrates knowledge of basic genetics and common hereditary cancer syndromes in gynecologic cancer (e.g., BRCA, Lynch Syndrome) Demonstrates knowledge of basic carcinogens (e.g., HPV, smoking) Demonstrates knowledge of gynecologic cancer prevention vaccines (e.g., HPV vaccine)	Applies knowledge of basic cancer genetics to patient counseling Demonstrates knowledge of basic cancer biology (e.g., oncogenes, tumor suppressor genes) Demonstrates knowledge of basic tumor immunology (e.g., components of the immune system, antigen expression)	Demonstrates knowledge of less common hereditary cancer syndromes and genetic alterations (e.g., Li-Fraumeni, Cowden Syndrome, PALB2) Demonstrates knowledge of targeted therapeutic principles Demonstrates knowledge of principles of cancer immunotherapy (e.g., monoclonal antibodies, therapeutic vaccines)	Applies knowledge of hereditary cancer syndromes to optimize patient outcomes Applies knowledge of cancer biology and immunology to develop treatment plans for patients with gynecologic cancers	Investigates and applies evidence-based principles of genetics, cancer biology and/or immunology to optimize patient outcomes
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				Not yet achieved Level 1 <input type="checkbox"/>

MK5: Radiation Therapy – Radiation Biology and Physics				
Level 1	Level 2	Level 3	Level 4	Level 5
<p>Demonstrates knowledge of basic radiation techniques (e.g., brachytherapy, teletherapy)</p> <p>Demonstrates knowledge of common complications of radiation therapy</p>	<p>Demonstrates knowledge of advanced radiation techniques (e.g., intensity-modulated radiation therapy [IMRT], interstitial implants, high-dynamic-range imaging [HDR])</p> <p>Demonstrates knowledge of the principles of radiation biology and radiation physics</p> <p>Demonstrates knowledge of management strategies for common radiation complications</p>	<p>Demonstrates comprehensive knowledge of site-specific radiation treatment options (e.g., multi-modality therapy)</p> <p>Demonstrates knowledge of radiation dosimetry</p> <p>Demonstrates comprehensive knowledge of management strategies for radiation complications</p>	<p>Applies comprehensive knowledge of radiation therapy to optimize patient outcomes</p> <p>Applies comprehensive knowledge of management strategies for radiation complications</p>	<p>Investigates and applies evidence-based principles of innovative radiation therapy to optimize patient outcomes, in collaboration with a radiation oncologist</p>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				Not yet achieved Level 1 <input type="checkbox"/>

MK6: Chemotherapy and Targeted Therapeutics				
Level 1	Level 2	Level 3	Level 4	Level 5
<p>Demonstrates knowledge of commonly used chemotherapy agents (e.g., carboplatin, paclitaxel, methotrexate)</p> <p>Demonstrates knowledge of commonly used targeted therapeutics (e.g., PARP inhibitors, anti-angiogenic agents)</p> <p>Demonstrates knowledge of common complications of chemotherapy agents and targeted therapeutics</p>	<p>Demonstrates knowledge of common site-specific chemotherapy agents and targeted therapeutics</p> <p>Demonstrates knowledge of management strategies for complications of common chemotherapy agents and targeted therapeutics</p>	<p>Demonstrates comprehensive knowledge of site-specific chemotherapy agents and targeted therapeutics</p> <p>Demonstrates comprehensive knowledge of management strategies for complications of chemotherapy agents and targeted therapeutics</p>	<p>Applies knowledge of chemotherapy agents and targeted therapeutics to optimize patient outcomes</p> <p>Applies knowledge of chemotherapy agents and targeted therapeutics to manage complications</p>	<p>Investigates and applies evidence-based principles of innovative chemotherapy agents and targeted therapeutics to optimize patient outcomes</p>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				Not yet achieved Level 1 <input type="checkbox"/>

MK7: Diagnostic Techniques and Treatment Planning				
Level 1	Level 2	Level 3	Level 4	Level 5
<p>Demonstrates knowledge of basic imaging modalities used to evaluate patients with gynecologic neoplasms (e.g., ultrasound, computerized tomography [CT] scan)</p> <p>Demonstrates knowledge of basic diagnostic techniques used to evaluate patients with gynecologic neoplasms (e.g., colposcopy, endometrial biopsy)</p> <p>Demonstrates knowledge to stage gynecologic cancers</p>	<p>Demonstrates knowledge of advanced imaging modalities used to evaluate patients with gynecologic neoplasms (e.g., magnetic resonance imaging [MRI], positron emission tomography [PET] scan)</p> <p>Demonstrates knowledge of advanced diagnostic techniques and tumor markers used to evaluate patients with gynecologic neoplasms (e.g., cystoscopy, CT guided biopsy, CA-125)</p> <p>Demonstrates comprehensive knowledge of gynecologic cancer staging</p>	<p>Applies knowledge of imaging modalities and diagnostic techniques to assign appropriate stage for gynecologic cancers</p> <p>Develops basic treatment plans by applying comprehensive knowledge of gynecologic cancer staging</p>	<p>Develops comprehensive treatment plans for patients with gynecologic cancer by applying knowledge of imaging modalities, diagnostic techniques, and tumor markers</p> <p>Integrates knowledge of surgery, chemotherapy, targeted therapeutics, and radiation to optimize patient outcomes</p>	<p>Investigates or applies innovative evidence-based diagnostic techniques to develop treatment plans for patients with gynecologic cancers in collaboration with a radiologist and/or pathologist</p>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				Not yet achieved Level 1 <input type="checkbox"/>

SBP1: Computer Systems				
Level 1	Level 2	Level 3	Level 4	Level 5
Retrieves basic patient information from the electronic medical record (EMR)	Retrieves complex patient information from the EMR	Generates orders, communicates with referring physicians, and documents communication with patients	Uses EMR to its full potential, and facilitates integration of computer-based communication with team	Recommends changes to computer systems/records to provide additional useful functionality
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				Not yet achieved Level 1 <input type="checkbox"/>

SBP2: Value-based Patient Care (Quality/Cost)				
Level 1	Level 2	Level 3	Level 4	Level 5
<p>Demonstrates knowledge of general obstetrics and gynecology guideline-based care (e.g., American College of Obstetricians and Gynecologists [ACOG] publications)</p> <p>Demonstrates knowledge of the importance of providing cost-effective care</p> <p>Understands the diversity and roles of all members of the health care team</p>	<p>Demonstrates knowledge of gynecologic cancer guideline-based care (e.g., National Comprehensive Cancer Network [NCCN] guidelines, Society of Gynecologic Oncology [SGO] practice guidelines)</p> <p>Demonstrates knowledge of cost related to diagnostic and treatment plans</p> <p>Demonstrates knowledge of personnel and resources needed to facilitate value-based (high quality, cost-effective) care</p>	<p>Applies knowledge of gynecologic cancer guideline-based care, with supervision</p> <p>Incorporates cost-awareness into the development of diagnostic and treatment plans, with supervision (e.g., formulary drugs, generic drugs, tailoring of diagnostic tests)</p> <p>Coordinates personnel and resources to facilitate value-based care, with supervision</p>	<p>Independently applies knowledge of gynecologic cancer guideline-based care</p> <p>Independently incorporates cost-awareness into the development of diagnostic and treatment plans</p> <p>Independently coordinates personnel and resources to facilitate value-based care</p>	<p>Develops and/or applies innovative evidence-based approaches to value-based gynecologic cancer patient care</p>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				Not yet achieved Level 1 <input type="checkbox"/>

PBL1: Scholarly Activity				
Level 1	Level 2	Level 3	Level 4	Level 5
<p>Critically reviews and interprets publications with the ability to identify hypotheses, study aims, design, results, and limitations</p> <p>Demonstrates knowledge of commonly used study designs (e.g., randomized controlled trial [RCT], cohort, case-control)</p> <p>Demonstrates knowledge of basic principles underlying the ethical conduct of research and the protection of human subjects</p>	<p>Designs a hypothesis-driven or hypothesis-generating scholarly thesis, under the direction of a research mentor</p> <p>Demonstrates knowledge of advanced study designs and statistical methodology</p> <p>Applies the principles of ethics and good clinical practice to the protection of human subjects recruited to participate in research, as indicated</p>	<p>Executes a hypothesis-driven or hypothesis-generating scholarly thesis, under the direction of a research mentor</p> <p>Applies knowledge of advanced study design and statistical methodology to research, including a scholarly thesis</p> <p>Complies with research oversight regulations</p>	<p>Completes and defends a comprehensive written scholarly thesis that demonstrates:</p> <ul style="list-style-type: none"> • advanced research methodology and design • statistical analysis • synthesis of scientific literature, hypothesis testing, and descriptions of finding and results 	<p>Obtains funding for research study</p> <p>Publishes thesis in peer-reviewed journal</p>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				Not yet achieved Level 1 <input type="checkbox"/>

PBLI2: Quality Improvement (QI)				
Level 1	Level 2	Level 3	Level 4	Level 5
Identifies problems in health care delivery	Begins working on a QI project, either as an individual or as a team member	Continues to develop a QI project, employing methods to measure and analyze the data	Completes a QI project, either as an individual or team member Displays effective teamwork skills	Develops and leads complex QI projects and is able to lead a root-cause analysis
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				Not yet achieved Level 1 <input type="checkbox"/>

PROF1: Professional Ethics and Accountability				
Level 1	Level 2	Level 3	Level 4	Level 5
<p>Demonstrates integrity, respect, honesty, and compassion</p> <p>Is honest and truthful in all circumstances</p> <p>Understands HIPAA policies and appropriate use concepts</p> <p>Demonstrates timeliness in completion of assigned rotations, reports, state licensure, and duties</p>	<p>Is accountable in completion of duties, records, and patient care</p> <p>Is sensitive and responsive to diverse patient population and needs, regardless of gender, age, race, sexual orientation, religion, or disabilities</p> <p>Demonstrates knowledge of regulations for billing and coding</p>	<p>Acknowledges errors with program director, faculty members, and/or patients</p> <p>Responds well to constructive criticism</p> <p>Takes on responsibility related to learning, coordination of care, patient care, Continuous Quality Improvement (CQI), and compliance issues</p>	<p>Serves as a role model for honesty, integrity, professionalism, and compassionate patient care</p> <p>Demonstrates commitment to self-improvement</p> <p>Prioritizes and advocates for patient needs over self-interest</p> <p>Operates professionally and independently in various educational and patient care environments</p>	<p>Demonstrates leadership in the institution and/or gynecologic cancer-related organizations</p>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				Not yet achieved Level 1 <input type="checkbox"/>

PROF2: Compassion, Integrity, and Respect for Others				
Level 1	Level 2	Level 3	Level 4	Level 5
<p>Understands the importance of compassion, integrity, and respect for others</p> <p>Demonstrates sensitivity and responsiveness to patients</p>	<p>Consistently shows compassion, integrity, and respect in typical situations with patients, peers, and members of the health care team</p> <p>Consistently demonstrates sensitivity and responsiveness to diversity of patients' ages, cultures, races, religions, abilities, or sexual orientations</p> <p>Accepts constructive feedback to improve his or her ability to demonstrate compassion, integrity, and respect for others</p>	<p>Consistently shows compassion, integrity, and respect for patients who decline medical advice, request un-indicated tests or treatments, or have psychiatric comorbidities, and for team members experiencing conflict or high stress</p> <p>Modifies his or her own behavior based on feedback to improve his or her ability to demonstrate compassion, integrity, and respect for others</p>	<p>Consistently models compassion, integrity, and respect for others</p> <p>Coaches others to improve compassion, integrity, and respect for patients</p>	<p>Assumes long-term or leadership role in community outreach activities to improve the health of vulnerable populations</p>
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
<p>Comments:</p>				<p>Not yet achieved Level 1 <input type="checkbox"/></p>

ICS1: Teamwork and Communication with Physicians and Other Health Professionals				
Level 1	Level 2	Level 3	Level 4	Level 5
Understands the importance of relationship development, information gathering and sharing, and teamwork	Demonstrates an understanding of the roles of health care team members, and communicates effectively within the team Demonstrates an understanding of transitions of care and team debriefing	Works effectively in interprofessional and interdisciplinary health care teams Participates in effective transitions of care and team debriefing Communicates effectively with physicians and other health care professionals regarding patient care	Leads interprofessional and interdisciplinary health care teams to achieve optimal outcomes Leads effective transitions of care and team debriefing Responds to requests for consultation in a timely manner, and communicates recommendations to the requesting team	Provides formal education to other health care professionals regarding gynecologic cancers
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				Not yet achieved Level 1 <input type="checkbox"/>

ICS2: Communication with Patients and Families				
Level 1	Level 2	Level 3	Level 4	Level 5
Demonstrates adequate listening skills Communicates effectively in routine clinical situations	Checks for patient and family understanding of illness and management plan Allows for opportunities for patient questions Maintains communication with patient and family regarding plan of care	Communicates effectively with patients and families across a broad range of socio-economic and cultural backgrounds Communicates effectively in stressful, emergent, and complex situations (e.g., complications, poor prognosis, patient death)	Role models effective communication Capable of informing patients and families about a medical error that caused harm	Provides effective communication in the most challenging situations, and invites participation from all stakeholders
<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Comments:				Not yet achieved Level 1 <input type="checkbox"/>