



A **QUALITY PROGRAM**
of the AMERICAN COLLEGE
OF SURGEONS

Optimal Resources for Cancer Care

2020 Standards | Effective January 2020

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Optimal Resources for Cancer Care

2020 Standards

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Disclaimer

These standards are intended solely as qualification criteria for Commission on Cancer (CoC) accreditation. They do not constitute a standard of care and are not intended to replace the medical judgment of the physician or health care professional in individual circumstances.

“Standard” as used in this manual is defined as a “qualification for accreditation,” not standard of care.

In order for a program to be found compliant with the CoC Standards, the program must be able to demonstrate compliance with the entire standard as outlined in the **Definition and Requirements, Documentation, and Measure of Compliance** sections under each standard. The **Documentation** and **Measure of Compliance** sections under each standard are intended to provide summary guidance on how compliance must be demonstrated but are not intended to stand alone or supersede the **Definition and Requirements**.

In addition to verifying compliance with the standards as written in this manual, the CoC may consider other factors not stated herein when reviewing a program for accreditation and reserves the right to withhold accreditation on this basis.

Confidentiality Requirements

The American College of Surgeons and the Commission on Cancer expect programs to follow local, state, and federal requirements related to patient privacy, risk management, and peer review for all standards of accreditation. These requirements vary state-to-state.

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About the Commission on Cancer

Commission on Cancer Mission

The Commission on Cancer (CoC), a program of the American College of Surgeons (ACoS), recognizes cancer care programs for their commitment to providing comprehensive, high-quality, and multidisciplinary patient-centered care. The CoC is a consortium of professional organizations dedicated to improving survival and quality of life for cancer patients through standard-setting, prevention, research, education, and the monitoring of comprehensive quality care.

Commission on Cancer Background

The CoC and its standards for cancer care originated with the ACoS. Since its foundation in 1913, the ACoS has focused on improving the care of the surgical patient through the advancement of surgical skills and physician education. Because surgery was the only available treatment for cancer at that time, the ACoS took the lead to improve cancer care by establishing the Committee on the Treatment of Malignant Diseases in 1922.

Over time, the Committee has transformed a surgical focus into one that includes all disciplines involved in cancer care. In order to recognize this transformation, the name of the Committee was changed to the Commission on Cancer in the mid-1960s.

The initial work was focused on establishing cancer clinics within hospitals where patients could expect to receive consistent diagnostic and cancer treatment services. By 1930, the first set of standards was published, and an Approvals Program (now Accreditation Program) had been established that evaluated a cancer clinic's performance against the standards.

Since then, the number of CoC-accredited programs has steadily increased to encompass approximately 1,500 hospitals, freestanding cancer centers, and cancer program networks nationwide. Every discipline involved in the care of the cancer patient is represented in the CoC, which now includes more than 100 members representing more than 50 national, professional organizations. These organizations represent members of the cancer care team and work to improve the lives of patients with cancer. The complete listing of CoC member organizations can be found on the Commission on Cancer page of the American College of Surgeons website, [facs.org](https://www.facs.org).

The multidisciplinary Commission on Cancer:

- Establishes recommended standards designed to support high-quality, multidisciplinary, and comprehensive cancer care
- Conducts site visits at cancer programs to assess compliance with those standards
- Collects standardized high-quality data from CoC-accredited organizations
- Uses data to measure cancer care quality and to monitor treatment patterns and outcomes
- Develops educational interventions to improve cancer prevention, early detection, cancer care delivery, and outcomes in health care settings

The CoC Accreditation Program

There are approximately 1,500 CoC-accredited cancer programs in the U.S. and Puerto Rico. CoC accreditation encourages hospitals, treatment centers, and other facilities to improve their quality of care through various cancer-related programs and activities. These programs are concerned with the full continuum of cancer— from prevention to survivorship and end-of-life care—while addressing both survival and quality of life.

CoC accreditation is granted to facilities that are committed to providing the best in cancer care and demonstrate compliance with the CoC standards. Each cancer program must undergo a rigorous evaluation and review of its performance and compliance with the CoC standards. To maintain accreditation, cancer programs must undergo an on-site review every three years. The standards facilitate each cancer program seeking accreditation to provide all patients with a full range of diagnostic, treatment, and supportive services either on-site at the facility or by referral to another location, including community-based resources.

Value of CoC Accreditation

CoC accreditation provides real value to cancer programs. Programs can proudly demonstrate to their communities, providers, payors, and the government that they have invested in systems aimed toward cancer patients receiving high-quality, coordinated care, and that they have made the efforts for supportive services and resources addressing the full continuum of care available in their communities.

CoC accreditation includes data reporting to, and feedback from, the National Cancer Database (NCDB) to assess hospital performance using nationally recognized quality of cancer care measures. These data systems allow hospitals to compare their quality of care, identify variations, and implement improvements to demonstrate the high quality of care that they provide and their commitment to continuous quality improvement. CoC accreditation provides your cancer program with an infrastructure and data that informs care. It also gives your team opportunities for leadership development, team building, and programmatic development.

Accreditation Process

Processes for accreditation are detailed and updated on the Commission on Cancer (CoC) website. The CoC reserves the right to revise accreditation processes as needed.

Categories of Cancer Programs

Category designations are made at the time of initial application and are retained unless there are changes to the services provided and/or the facility caseload for three consecutive years. Descriptions and definitions for the following cancer program categories can be found on the CoC website.

- Academic Comprehensive Cancer Program (ACAD)
- Community Cancer Program (CCP)
- Comprehensive Community Cancer Program (CCCP)
- Free Standing Cancer Center Program (FCCP)
- Hospital Associate Cancer Program (HACP)
- Integrated Network Cancer Program (INCP)
- NCI-Designated Comprehensive Cancer Center Program (NCIP)
- NCI-Designated Network Cancer Program (NCIN)
- Pediatric Cancer Program (PCP)
- Veterans Affairs Cancer Program (VACP)

Standards Requiring Annual Review

The following standards require a review of services at least once each calendar year. These reviews must be documented in the cancer committee minutes and must take place within the same year on which they are based or no later than the first quarter of the following calendar year. This requirement applies to the annual review required in:

- Standard 2.5: Multidisciplinary Cancer Case Conference
- Standard 4.4: Genetic Counseling and Risk Assessment
- Standard 4.5: Palliative Care Services
- Standard 4.6: Rehabilitation Care Services
- Standard 4.7: Oncology Nutrition Services
- Standard 4.8: Survivorship Program
- Standard 5.2: Psychosocial Distress Screening
- Standard 6.1: Cancer Registry Quality Control
- Standard 8.1: Addressing Barriers to Care
- Standard 8.2: Cancer Prevention Event
- Standard 8.3: Cancer Screening Event
- Standard 9.1: Clinical Research Accrual

Studies/projects/reports required in the following standards count for the year they are completed and documented in the cancer committee minutes:

- Standard 2.2: Cancer Liaison Physician
- Standard 6.4: Rapid Cancer Reporting System: Data Submission
- Standard 7.2: Monitoring Concordance with Evidence-Based Guidelines
- Standard 7.3: Quality Improvement Initiative
- Standard 7.4: Cancer Program Goal

A Standard 7.3 project or Standard 7.4 goal that extends into a second year will only count for the year it is initiated.

Cancer Program Standards Rating System and Accreditation Awards

Ratings for each standard are assigned based on consensus by the cancer program’s site reviewer and CoC staff.

A “Compliant,” “Noncompliant,” or “Not Applicable” rating is assigned for each standard. Any standard with a “Noncompliant” rating is a “deficiency.”

When required, the applicable executive review group will also contribute to the standard rating decision as a final adjudicator.

Accreditation Awards

Accreditation Status	Definition
Accredited	<p>Awarded when the program has completed a site visit and demonstrated full compliance with all applicable standards and has provided all required documentation to support compliance:</p> <ul style="list-style-type: none"> • Program appears on Find an Accredited Program website • Certificate of accreditation awarded
Accredited-Corrective Action Required <i>Renewal Applicants Only</i>	<p>Awarded when a renewal program receives a noncompliant rating on at least one standard but less than 20% of standards rated during the site visit process:</p> <ul style="list-style-type: none"> • Program appears on Find an Accredited Program website • Program has one year to resolve noncompliant standards • Program receives a certificate once all standards have been resolved and “Accredited” status has been achieved
Not Accredited-Corrective Action Required <i>Initial Applicants Only</i>	<p>Awarded when a new program, including new Integrated Network Cancer Programs or NCI Networks consisting of currently accredited programs, receives a noncompliant rating on one or two standards during the site visit process:</p> <ul style="list-style-type: none"> • Program does not appear on Find an Accredited Program website • Program has one year to resolve noncompliant standards
Not Accredited	<p>Awarded when a renewal program receives a noncompliant rating on more than 20% of standards rated during the site visit process, when an initial applicant receives three or more noncompliant standards, or a program does not resolve non-compliant standards within established timeframe:</p> <ul style="list-style-type: none"> • Program does not have access to the Quality Portal or National Cancer Database tools • Program does not appear on Find an Accredited Program website • Program may re-apply as an initial applicant program after one calendar year of compliance with all applicable standards



AMERICAN COLLEGE OF SURGEONS
COMMISSION ON CANCER

1 Institutional Administrative Commitment

Rationale

Institutional commitment is essential for the development and success of an accredited Commission on Cancer program. Resource allocation (such as equipment, personnel, and administrative support), a commitment to patient safety, and an enduring focus on continuous quality improvement are the hallmarks of strong institutional administrative support that help facilitate the success.

1.1 Administrative Commitment

Definition and Requirements

Programs provide a letter of authority from facility leadership (CEO or equivalent) demonstrating the commitment to the cancer committee, which includes, but is not limited to:

- A high-level description of the cancer program
- Any initiatives involving the cancer committee during the accreditation cycle that were initiated for the purposes of ensuring quality and safety
- Facility leadership's involvement in the cancer committee
- Examples of the current and future financial investment in the cancer program

Documentation

Submitted with Pre-Review Questionnaire

- Letter of authority from facility leadership that includes all required elements

Measure of Compliance

Once each accreditation cycle, the cancer program fulfills the compliance criteria:

1. Cancer committee authority is established and documented by the facility through a letter from facility leadership that includes all required elements.

Bibliography

Hoyt DB, Ko CY. *Optimal Resources for Surgical Quality and Safety*. Chicago, IL: American College of Surgeons; 2017.



AMERICAN COLLEGE OF SURGEONS
COMMISSION ON CANCER

2 Program Scope and Governance

Rationale

The cancer program and its medical staff provide the structure, process, and personnel to obtain and maintain the Commission on Cancer's standards. This includes the committee and leadership who provide cohesion in the structure of the program. The administrative, supportive care, and medical staff must commit to broad cooperation in order to improve the quality of care at the cancer program.

2.1 Cancer Committee

Definition and Requirements

The care of patients with cancer requires a multidisciplinary approach and encompasses physician and non-physician professionals. The committee responsible for program leadership is multidisciplinary and represents the full scope of cancer care and services.

Required cancer committee members include at least one physician representing each of the diagnostic and treatment services, coordinators, and representatives from administrative, clinical, and supportive services. Each program assesses the scope of services offered and determines the need for additional cancer committee members based on the major cancer sites seen by the program.

Appointments for required members must occur at the first meeting of a calendar year at least once during the accreditation cycle. The appointments are documented in the cancer committee minutes. If a required member cannot continue to serve on the cancer committee, a new member must be appointed at the next cancer committee meeting and documented in the minutes.

Required physician members:

- Cancer Committee Chair
Physician of any specialty, selected according to facility rules and/or bylaws; can also represent one of the required physician specialties
- Cancer Liaison Physician (CLP)
Can also represent one of the required physician specialties and/or the Quality Improvement Coordinator; the CLP serves as the Cancer Committee Chair's alternate
- Diagnostic radiologist
- Pathologist
- Surgeon
Can be either a general surgeon involved in cancer care or a surgical specialist involved in cancer care
- Medical oncologist
- Radiation oncologist
If all radiation oncology services are provided by referral and the facility's medical staff does not include a radiation oncologist, a radiation oncologist is recommended to be part of the committee but not required

Required non-physician members:

- Cancer Program Administrator
Responsible for the administrative oversight and has budget authority for the cancer program
- Oncology nurse
- Social worker (licensed social worker, OSW-C preferred)
- Certified Tumor Registrar (CTR)

Required coordinator members:

- Cancer Conference Coordinator
Responsible for overseeing Standard 2.5: Multidisciplinary Cancer Case Conference
- Quality Improvement Coordinator
Responsible for overseeing Standard 7.3: Quality Improvement Initiative
- Cancer Registry Quality Coordinator
Responsible for overseeing Standard 6.1: Cancer Registry Quality Control and Standard 4.3: Cancer Registry Staff Credentials
- Clinical Research Coordinator
Responsible for overseeing Standard 9.1: Clinical Research Accrual; a clinical trial principal investigator, a research data manager or associate, a clinical research nurse, an oncology nurse, or other similar role with clinical research experience is selected to fill this role
- Psychosocial Services Coordinator
Responsible for overseeing Standard 5.2: Psychosocial Distress Screening; an oncology social worker [OSW-C preferred], advanced practice nurse, clinical psychologist, or other mental health professional trained in the psychosocial aspects of cancer care is selected to fill this role
- Survivorship Program Coordinator
Responsible for overseeing Standard 4.8: Survivorship Program; a physician, physician assistant, advanced practice nurse, nurse, social worker [OSW-C preferred], nurse navigator, or therapist or other licensed health care professional is selected to fill this role

One individual may serve in a maximum of two coordinator roles and represent one of the required physician or non-physician specialties. For example, the appointed medical oncologist can serve as the Clinical Research Coordinator and Survivorship Program Coordinator.

A Certified Tumor Registrar may only serve as the Cancer Conference Coordinator and/or the Cancer Registry Quality Coordinator.

Cancer committee members strongly recommended, but not required, include:

- Specialty physicians representing the five major cancer sites at the program
- Palliative care professional
- Genetics professional
- Registered Dietitian Nutritionist
- Rehabilitation services professional
- Pharmacist
- Spiritual care representative
- American Cancer Society representative

Documentation

Submitted with Pre-Review Questionnaire

- Cancer committee minutes that identify the required cancer committee members

Measure of Compliance

The cancer program fulfills all of the compliance criteria:

1. The membership of the cancer committee includes all required specialties and coordinators.
2. Committee membership including all required roles is documented in the cancer committee minutes at the first meeting of the calendar year at least once each accreditation cycle.

Bibliography

Deshields T, Kracen A, Nanna S, Kimbro L. Psychosocial staffing at National Comprehensive Cancer Network member institutions: Data from leading cancer centers. *Psychooncology*. 2016;25(2):164-169.

Castel P, Tassy, L, Lurkin A, et al. Multidisciplinarity and medical decision, impact for patients with cancer: Sociological assessment of two tumour committees' organization. *Bull Cancer*. 2012;99(4):E34-42.

Heineman T, St John MA, Wein RO, Weber RS. It Takes a Village: The importance of multidisciplinary care. *Otolaryngol Clin North Am*. 2017;50(4):679-687.

2.2 Cancer Liaison Physician

Definition and Requirements

CLP Eligibility

The Cancer Liaison Physician is a physician of any specialty who is an active member of the medical staff. The CLP is considered the physician quality leader of the cancer committee. The CLP serves as the alternate for the Cancer Committee Chair and oversees cancer committee meetings if the chair is not in attendance.

It is permissible for the CLP to also serve as the Cancer Committee Chair, but it is encouraged that the CLP role and the chair role be filled by two individuals.

CLP as Quality Champion

In the role as physician quality leader of the cancer committee, the CLP must identify, analyze, and present National Cancer Database (NCDB) data pertinent and specific to the cancer program to the cancer committee at a minimum of two meetings each calendar year. CLPs are given access to NCDB reporting tools that include survival reports, benchmarking, and other cancer program performance reports. Data from the NCDB must be used as the basis of the reports. Focus is given to areas of concern or where expected performance is not being met. Reports must be given by the CLP or the CLP's alternate.

Documentation of the data presented and the details of the discussion with the cancer committee must be included in the cancer committee minutes or as an attachment to the cancer committee minutes. CLP reports do not substitute and cannot duplicate requirements from other standards, except Standard 7.1: Accountability and Quality Improvement Measures and Standard 6.4: Rapid Cancer Reporting System: Data Submission.

The CLP must attend the CoC site visit and meet with the site reviewer to discuss the cancer program, CLP responsibilities, and the NCDB quality reporting tools.

Documentation

Submitted with Pre-Review Questionnaire

- Cancer committee minutes documenting CLP reports from at least two separate meetings each calendar year on data specific to the cancer program, including actions and response

Note: Documentation uploaded into the Pre-Review Questionnaire must have all protected health information removed.

It is expected that programs follow local, state, and federal requirements related to patient privacy, risk management, and peer review for all standards of accreditation. These requirements vary state-to-state.

Measure of Compliance

The cancer program fulfills all of the compliance criteria:

1. The CLP or the CLP's alternate identifies, analyzes, and presents NCDB data specific to the cancer program, with preference for areas of concern and/or where benchmarks are not met, to the cancer committee at a minimum of two meetings each calendar year.
2. The CLP is present during the CoC site visit and meets with the site reviewer to discuss CLP activities and responsibilities.

Bibliography

Hoyt DB, Ko, CY. *Optimal Resources for Surgical Quality and Safety*. Chicago, IL: American College of Surgeons; 2017.

2.3 Cancer Committee Meetings

Definition and Requirements

Regular cancer committee meetings assist with ensuring that administrative responsibilities related to cancer program functions are carried out and standard compliance is met. Each calendar year, the cancer committee meets at least once each calendar quarter. Cancer committees may choose to hold meetings more frequently in order to meet overall program needs.

Yearly calendar quarters are defined as:

- January 1–March 31
- April 1–June 30
- July 1–September 30
- October 1–December 31

It is recommended that meetings be scheduled in the first month of each quarter to allow for rescheduling if needed. It is the cancer committee's responsibility to schedule and reschedule meetings, as appropriate, for each quarter. Compliance is based on meetings held quarterly and not on the total number of meetings held each year. The triennial CoC site visit does not qualify as a meeting to comply with this standard.

Cancer committee minutes must contain sufficient details to accurately reflect the activities of the cancer committee as well as demonstrate compliance with CoC standards.

In addition to the cancer committee, programs may choose to establish optional subcommittees or workgroups to manage specific activities. If subcommittees and/or workgroups are utilized, activities and reports related to standard compliance must be presented to and approved by the cancer committee.

Examples of optional subcommittees or workgroups include:

- Clinical and translational research activity
- Screening and prevention activity
- Quality control of cancer registry data
- Quality management and improvement activity
- Review of policies and procedures

Documentation

Submitted with Pre-Review Questionnaire

- Cancer committee minutes that document the committee's quarterly meetings and activities

Note: Documentation uploaded into the Pre-Review Questionnaire must have all protected health information removed.

It is expected that programs follow local, state, and federal requirements related to patient privacy, risk management, and peer review for all standards of accreditation. These requirements vary state-to-state.

Measure of Compliance

Each calendar year, the cancer program fulfills the compliance criteria:

1. The cancer committee meets at least once each calendar quarter.

Bibliography

Lencioni P. *The Five Dysfunctions of the Team: A Leadership Fable*. San Francisco, CA: Jossey-Bass; 2002.

2.4 Cancer Committee Attendance

Definition and Requirements

To successfully complete responsibilities and guide multidisciplinary input, it is imperative that all required members regularly attend and participate in cancer committee meetings.

Each required cancer committee member or the member's designated alternate attends at least 75 percent of the cancer committee meetings held each calendar year. The cancer committee monitors the attendance of required members. It is recommended that the cancer committee also monitor attendance of non-required members.

Members subject to attendance requirements include the specialists and coordinators defined as "required members" in Standard 2.1: Cancer Committee.

Appointing Alternates

For each required member/role, one designated alternate member can be identified. Designating an alternate is optional. Only one alternate can be appointed for each required member.

The designated alternate must be qualified and appropriately credentialed to serve as an alternate for the role (for example, alternate to a medical oncologist must be another medical oncologist). An individual can only serve as an alternate for one individual.

The identification of designated alternates must take place at the first meeting of the calendar year at least once during the accreditation cycle. This information is documented in the cancer committee minutes. If a required member or alternate cannot continue to serve on the cancer committee, a new member or alternate must be appointed at the next cancer committee meeting and documented in the minutes.

The attendance percentage is calculated based on the attendance of the required role. In other words, the required member plus his or her designated alternate's attendance is considered together.

Remote Attendance

Attendance at cancer committee meetings may include participation through teleconference or videoconference calls as long as the remote attendee has access to appropriate meeting documents.

Documentation

Submitted with Pre-Review Questionnaire

- Cancer committee minutes that include the required member attendance for each cancer committee meeting held during each calendar year

Note: Documentation uploaded into the Pre-Review Questionnaire must have all protected health information removed.

It is expected that programs follow local, state, and federal requirements related to patient privacy, risk management, and peer review for all standards of accreditation. These requirements vary state-to-state.

Measure of Compliance

Each calendar year, the cancer program fulfills the compliance criteria:

1. Each required member or the designated alternate attends at least 75 percent of the cancer committee meetings held.

2.5 Multidisciplinary Cancer Case Conference

Definition and Requirements

Cancer outcomes are better when patients are managed according to the principles of multidisciplinary team evaluation. This process is associated with improved clinical decision making, clinical outcomes, and patient experience.

The cancer program holds multidisciplinary cancer case conference(s) to evaluate patient management. Each calendar year, the Cancer Conference Coordinator monitors and evaluates the multidisciplinary cancer case conference activity and reports the findings to the cancer committee.

Policy and Procedure

Cancer programs have a policy and procedure to govern multidisciplinary cancer case conference activity. The policy and procedure must, at a minimum, address:

- Multidisciplinary participation
- Frequency and format of cancer case conference(s)
- Elements of discussion, including the requirement to discuss for each case: clinical and/or pathological stage, treatment planning using evidence-based guidelines, and where applicable, options and availability for genetic testing, clinical research studies, and supportive care services
- Number of cases presented and percentage of prospective cases presented
- Methods to address areas that fall below the levels established in the policy

Format and Cases Presented

Programs evaluate the need for a general cancer case conference and any specialty- or site-specific conferences. Programs may either:

- Hold a general multidisciplinary cancer case conference
 - Specialty- or site-specific conferences may be held in addition to the general cancer case conference
- Hold specialty- or site-specific multidisciplinary cancer case conferences as long as there is a mechanism to present cases for evaluation at a multidisciplinary cancer case conference that do not fit into the defined specialty or site-specific conferences

The frequency of multidisciplinary cancer case conference is determined by the cancer program and is included in the policy and procedure.

Each year, the cancer program must present a minimum of 15 percent of the annual analytic caseload to a multidisciplinary cancer case conference. Of those presented, a minimum of 80 percent must be prospective presentations. Prospective cases include, but are not limited to:

- Newly diagnosed and treatment not yet initiated or treatment initiated and discussion of additional treatment is needed
- Previously diagnosed, initial treatment completed, and discussion of adjuvant treatment or treatment for recurrence or progression is needed
- Previously diagnosed and discussion of supportive or palliative care is needed

The same case may be discussed more than once and counted each time as a prospective presentation as long as treatment management issues are discussed.

Multidisciplinary Participation

Multidisciplinary physician attendance at a general cancer case conference must include a representative from surgery, pathology, radiology, radiation oncology, and medical oncology. Programs may define the specialties required for specialty- or site-specific cancer case conferences.

Additional physician or non-physician specialists recommended for attendance are: genetic professionals, clinical research professionals, palliative care providers, psychosocial providers, rehabilitation providers, and supportive services.

Cancer Conference Coordinator Report

The Cancer Conference Coordinator must evaluate and report annually to the cancer committee each of the following required elements:

- Cancer case conference frequency
- Multidisciplinary physician specialty attendance depending on the defined requirements in the cancer case conference policy and procedure
- Number of cases presented and percentage of prospective cases

- Elements of the discussion for each case, including, but not limited to, whether the following were discussed:
 - Clinical and/or pathological stage
 - Treatment planning using evidence-based national guidelines
 - Options and eligibility for genetic testing (where applicable)
 - Options and eligibility for clinical research studies (where applicable)
 - Options and eligibility for supportive care services (where applicable)
- An action plan to resolve any areas that do not meet the requirements of the program's policy and procedure

The method to document multidisciplinary cancer case conference activity is left to the discretion of the cancer committee.

Documentation

Reviewed On-Site

- The site reviewer will attend a multidisciplinary cancer case conference.

Submitted with Pre-Review Questionnaire

- The multidisciplinary cancer case conference policy and procedure
- The Cancer Conference Coordinator's report
- Cancer committee minutes documenting the Cancer Conference Coordinator's report

Note: Documentation uploaded into the Pre-Review Questionnaire must have all protected health information removed.

It is expected that programs follow local, state, and federal requirements related to patient privacy, risk management, and peer review for all standards of accreditation. These requirements vary state-to-state.

Measure of Compliance

Each calendar year, the cancer program fulfills all of the compliance criteria:

1. The cancer program has a policy and procedure for multidisciplinary cancer case conference(s) that includes all required information.
2. The Cancer Conference Coordinator monitors and evaluates the multidisciplinary cancer case conference(s) and presents a report to the cancer committee that includes all required elements and any action plans to resolve issues not meeting the program's policy. The report is documented in the cancer committee minutes.

Bibliography

Gabel M, Hilton NE, Nathanson SD. Multidisciplinary breast cancer clinics. Do they work? *Cancer*. 1997;79(12):2380-2384.

Chang JH, Vines E, Bertsch H, et al. The impact of a multidisciplinary breast cancer center on recommendations for patient management: The University of Pennsylvania experience. *Cancer*. 2001;91(7):1231-1237.

Stephens MR, Lewis WG, Brewster AE, et al. Multidisciplinary team management is associated with improved outcomes after surgery for esophageal cancer. *Dis Esophagus*. 2006;19(3):164-171.

Birchall M, Bailey D, King P. Effect of process standards on survival of patients with head and neck cancer in the south and west of England. *Br J Cancer*. 2004;91(8):1477-1481.

Coory M, Gkolia P, Yang IA, Bowman RV, Fong KM. Systematic review of multidisciplinary teams in the management of lung cancer. *Lung Cancer*. 2008;60(1):14-21.

Vaughan-Shaw PG, Wheeler JM, Borley NR. The impact of a dedicated multidisciplinary team on the management of early rectal cancer. *Colorectal Dis*. 2015;17(8):704-709.

Richardson B, Preskitt J, Lichliter W, et al. The effect of multidisciplinary teams for rectal cancer on delivery of care and patient outcome: Has the use of multidisciplinary teams for rectal cancer affected the utilization of available resources, proportion of patients meeting the standard of care, and does this translate into changes in patient outcome? *Am J Surg*. 2016;211(1):46-52.

Palmer G, Martling A, Cedermark B, Holm T. Preoperative tumour staging with multidisciplinary team assessment improves the outcome in locally advanced primary rectal cancer. *Colorectal Dis*. 2011;13(12):1361-1369.

Soukup T, Petrides KV, Lamb BW, et al. The anatomy of clinical decision-making in multidisciplinary cancer meetings. A cross-sectional observational study of teams in a natural context. *Medicine (Baltimore)*. 2016;95(24): e3885.

Burton S, Brown G, Daniels IR, Norman AR, Mason B, Cunningham D. MRI directed multidisciplinary team preoperative treatment strategy: The way to eliminate positive circumferential margins? *Br J Cancer*. 2006;94(3):351-357.



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3 Facilities and Equipment Resources

Rationale

The cancer program must maintain or provide by referral appropriate facilities and equipment for the care of cancer patients. This includes all equipment required to adequately care for the patient through the phases of care.

3.1 Facility Accreditation

Definition and Requirements

If required by state law, the facility must be licensed by the appropriate state licensing authority. If state licensure is not required, the facility is accredited or licensed by a recognized federal, state, or local authority appropriate to facility type.

Documentation

Submitted with Pre-Review Questionnaire

- Health care facility accreditation or licensure certificate or documentation

Measure of Compliance

The cancer program fulfills all of the compliance criteria:

1. The facility is accredited or licensed by a recognized federal, state, or local authority appropriate to the facility type.

3.2 Evaluation and Treatment Services

Definition and Requirements

The program provides diagnostic imaging services, radiation oncology services, and systemic therapy services on-site or by referral.

Quality assurance practices are in place for the required services available on-site. Quality assurance is demonstrated by accreditation and/or policies and procedures following recognized guidelines.

Accrediting organizations include, but are not limited to:

- American College of Radiology (ACR)
- American Society for Radiation Oncology (ASTRO)
- American College of Radiation Oncology (ACRO)

Applicable guidelines include, but are not limited to:

- Oncology Nursing Society (ONS)
- American Society for Clinical Oncology (ASCO)
- American Society of Health-System Pharmacists (ASHP)
- The United States Pharmacopeia (USP)
- National Comprehensive Cancer Network (NCCN)

Documentation

Submitted with Pre-Review Questionnaire

- Policies and procedures covering quality assurance practices for diagnostic imaging services, radiation oncology services, and systemic therapy services, and/or
- Certificate(s) of accreditation

Measure of Compliance

Each calendar year, the cancer program fulfills all of the compliance criteria:

1. Diagnostic imaging services, radiation oncology services, and systemic therapy services are available on-site or by referral.
2. Quality assurance practices are in place for all required services available on-site.



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4 Personnel and Services Resources

Rationale

Patients with cancer have a multitude of needs. Cancer programs must oversee that patients receive appropriate care by qualified professionals. The facility must maintain optimal resources for the care of patients with cancer.

The responsibility is upon the cancer program to appropriately care for patients and develop criteria relative to the cancer program's available resources and experience.

4.1 Physician Credentials

Definition and Requirements

Cancer patient management is conducted by a multidisciplinary team, including radiologists, pathologists, surgeons, radiation oncologists, and medical oncologists. All physicians involved in the evaluation and management of cancer patients must:

- Be American Board of Medical Specialties (ABMS) or American Osteopathic Association (AOA) board certified (or the equivalent), or
- Demonstrate ongoing cancer-related education by earning 12 cancer-related Continuing Medical Education (CME) hours each calendar year

Scope of Standard

This standard applies to physicians who are involved in the evaluation and management of cancer patients at the accredited facility for at least one calendar year. This standard does not apply to physicians who are in fellowship or residency or physicians within the five years immediately following graduation from fellowship or residency.

Documentation

Submitted with Pre-Review Questionnaire

- A roster of the board certification status for all physicians involved in the evaluation and management of cancer patients, and
- Documentation of 12 annual cancer-related CME hours for all physicians who are not board certified and are involved in the evaluation and management of cancer patients

Measure of Compliance

Each calendar year, the cancer program fulfills all of the compliance criteria:

1. All physicians involved in the evaluation and management of cancer patients must be board certified (or the equivalent).
2. Physicians who are not board certified must demonstrate ongoing cancer-related education by earning 12 cancer-related CME hours.

4.2 Oncology Nursing Credentials

Definition and Requirements

Oncology nursing care is provided by nurses with specialized knowledge and skills demonstrated by a cancer-specific certification or continuing education in oncology nursing. Oncology nursing competency is reviewed each year per hospital policy.

All registered nurses and advanced practice nurses providing direct oncology care must demonstrate one of the following:

- Current cancer-specific certification in the nurse's specialty by an accredited certification program, or
- Ongoing education by earning 36 cancer-related continuing education nursing contact hours each accreditation cycle

Nurses who are in the process of obtaining a cancer-specific certification do not need to submit documentation of cancer-related continuing education but must provide documentation of progress toward certification.

Oncology Nursing Certifications

Oncology nursing certifications that qualify for this standard include, but are not limited to:

- Advanced Oncology Certified Nurse Practitioner (AOCNP®)
- Advanced Oncology Certified Clinical Nurse Specialist (AOCNS®)
- Advanced Oncology Certified Nurse (AOCN®)
- Blood & Marrow Transplant Certified Nurse (BMTCN®)
- Certified Pediatric Hematology Oncology Nurse (CPHON®)
- Certified Pediatric Oncology Nurse (CPON®)
- Certified Breast Care Nurse (CBCN®)
- Oncology Certified Nurse (OCN®)

A certification qualifies under this standard as long as it includes cancer-specific criteria. For example, a palliative care certification meets the certification expectations under this standard as long as it contains cancer-specific criteria.

Continuing Education

Oncology nursing certification is strongly preferred. If a nurse providing direct oncology care is not certified, then the nurse must complete 36 cancer-related continuing nursing education contact hours each accreditation cycle.

Scope of Standard

This standard applies to registered nurses and advanced practice nurses who provide direct oncology care in the accredited facility for at least one calendar year. Specifically, the standard applies to nurses in medical oncology who give chemotherapy, nurses in radiation oncology, nurse navigators, and nurses in the cancer center or cancer clinic within the accredited facility. It does not apply to nurses in the hospital who might have occasional contact with cancer patients, and it does not apply to operating room or recovery room nurses.

Documentation

Submitted with Pre-Review Questionnaire

- A roster of nursing certification status for all nurses providing direct oncology care and documentation of 36 cancer-related continuing education nursing contact hours for each nurse providing direct oncology care who does not hold a cancer-specific certification
- A policy and procedure that states that oncology nursing competency will be evaluated each year per hospital or facility policy

Measure of Compliance

Each accreditation cycle, the program fulfills the compliance criteria:

1. All nurses providing direct oncology care hold a cancer-specific certification or demonstrate ongoing education by earning 36 cancer-related continuing nursing education contact hours.
2. Programs have in place a policy and procedure that ensures oncology nursing competency is reviewed each year per hospital policy.

Bibliography

American Association of Critical-Care Nurses, AACN Certification Corporation. Safeguarding the patient and the profession: The value of critical care nurse certification. *American Journal of Critical Care*. 2003;12(2):154-164.

Boev C, Xue Y, Ingersoll GL. Nursing job satisfaction, certification, and healthcare associated infections in critical care. *Intensive Critical Care Nursing*; 2015;31(5):276-284.

Boyle DK, Cramer E, Potter C, Staggs VS. Longitudinal association of registered nurse national nursing specialty certification and patient falls in acute care hospitals. *Nurse Res*. 2015; 64(4):291-299.

Covell CL, Sidani S. Nursing intellectual capital theory: Testing selected propositions. *Journal of Adv Nursing*. 2013;69(11):2432-2445.

Coleman EA, Coon SK, Lockhart K, et al. Effect of certification in oncology nursing on nursing-sensitive outcomes. *Clin J of Oncol Nurs*. 2009;13(2):165-172.

Schroeter, K. The value of certification. *J of Trauma Nurs*. 2015;22(2):53-54.

Weeks SK, Ross A, Roberts PL. Certification and magnet hospitals: Will certification advance your career and improve patient outcomes? *Am. J Nurs*. 2006;106(7):74-76.

4.3 Cancer Registry Staff Credentials

Definition and Requirements

Case abstracting is performed by a Certified Tumor Registrar (CTR). Each calendar year, non-CTR members of the cancer registry staff demonstrate completion of cancer-related continuing education applicable to their roles.

CTRs apply knowledge obtained from formal education and work experience to correctly interpret and code cancer diagnosis, stage, treatment, and outcomes information for each case that is seen at the Commission on Cancer (CoC)-accredited program that meets CoC reporting requirements. The CTR credential is granted and overseen by the National Cancer Registrars Association.

All cancer registry staff who abstract cases at a CoC-accredited program must either:

- Hold a current Certified Tumor Registrar (CTR) credential, or
- Perform case abstracting under the supervision of a CTR

These requirements apply to those employed by the program, working on a contract basis, and/or working through a registry service company.

It is encouraged that CTRs attend in-person education at a state, regional, or national level.

Non-Credentialed Registry Staff

A plan for CTR supervision of non-credentialed staff performing abstracting must be established and include the scope of supervision, quality control, education, and training activities for non-credentialed staff.

Any non-CTR hired to perform abstracting under the supervision of a CTR in a CoC-accredited program must pass the CTR examination within three years of the date hired to perform abstracting. If the CTR credential is not successfully obtained within the three-year grace period, then the person may not perform case abstracting at any CoC-accredited program until the credential is obtained.

Non-credentialed cancer registry staff may perform case finding and follow-up, but cannot perform any abstracting on analytic cases unless they are performed under the supervision of a CTR per the documented plan.

Continuing Education Requirements

Each calendar year, members of the cancer registry staff who do not hold a CTR credential must demonstrate completion of three hours of cancer-related continuing education applicable to their roles.

This continuing education requirement applies to all non-credentialed registry staff, including staff abstracting under the supervision of a CTR, staff performing follow-up activities, and registry management or supervisory personnel.

This education includes, but is not limited to, topics in the following areas:

- Advances in cancer diagnosis and treatment
- Changes in cancer program standards
- Changes in data collection requirements

Scope of Standard

The requirement to provide documentation of a CTR's credential and continuing education requirements for a non-CTR apply to those who work in the accredited facility for at least one calendar year.

Documentation

Reviewed On-Site

- When applicable, verification of the date of hire for staff to perform case abstracting in the cancer registry

Submitted with Pre-Review Questionnaire

- Current CTR credentials for all certified cancer-registry staff
- Plan for CTR supervision of non-credentialed staff who perform case abstracting in the cancer registry
- Documentation of cancer-related continuing education for non-credentialed members of the cancer registry staff

Measure of Compliance

Each calendar year, the cancer program fulfills all of the compliance criteria:

1. Case abstracting is performed by a Certified Tumor Registrar.
2. Non-credentialed cancer registry staff in the three-year grace period who abstract cases are supervised by a Certified Tumor Registrar.
3. All non-credentialed cancer registry staff demonstrate completion of three hours of cancer-related continuing education applicable to their roles.

Bibliography

National Cancer Registrars Association. *Cancer Registry Management: Principles & Practice for Hospitals and Central Registries*. 3rd ed. Dubuque, IA: Kendall Hunt Publishing; 2011:364-365.

Clutter GG, Couillard-Getreuer D, Hoyer SS. Chapter 8: Cancer Registrar Certification: The CTR, A Professional Credential. In: *Central Cancer Registries: Design, Management, and Use*. 2nd ed. Dubuque, IA: Kendall Hunt Publishing; 2007:63-76.

4.4 Genetic Counseling and Risk Assessment

Definition and Requirements

Cancer risk assessment and genetic counseling are the processes to identify and counsel people at risk for familial or hereditary cancer syndromes. Purposes of cancer genetic counseling are to: educate patients about their chance of developing cancer, help patients obtain personal meaning from genetic information, and empower patients to make educated, informed decisions about genetic testing, cancer screening, and cancer prevention.

Policy and Procedure for Genetic Counseling and Risk Assessment Services

Cancer programs must develop a policy and procedure for providing cancer risk assessment, genetic counseling, and genetic testing services on-site or by referral. Genetic services not provided on-site at the facility must be provided through a referral relationship to other facilities and/or local agencies. The policy and procedure must include information/processes for the following:

- Criteria for referral for a genetics evaluation
- Identification of the genetics professionals available on-site and/or by referral
- Identification of the genetics professionals qualified to perform post-test counseling either on-site and/or by referral

Cancer risk assessment and genetic counseling are performed by a genetics professional with an educational background in cancer genetics and hereditary cancer syndromes. Specialized training in cancer genetics is required. Educational seminars offered by commercial laboratories about how to perform genetic testing are not considered adequate training.

Genetics professionals may include:

- An individual board-certified/board-eligible by American Board of Genetic Counseling (ABGC) or American Board of Medical Genetics and Genomics (ABMGG)
- An Advanced Practice Nurse in Genetics (APNG), or an Advanced Genetics Nursing Certification (AGN-BC) credentialed through the American Nurses Credentialing Center (ANCC), or a Genetics Clinical Nurse (GCN)
- An advanced practice oncology nurse or physician assistant with specialized education in cancer genetics and hereditary cancer predisposition syndromes
 - The Advanced Oncology Certified Nurse Practitioner (AOCNP) or equivalent certification from the Oncology Nursing Certification Corporation (ONCC) is preferred.

- A registered nurse with specialized education in cancer genetics and hereditary cancer predisposition syndromes (defined as education resulting in a certification and undergoing ongoing continuing medical education in cancer genetics and hereditary cancer predisposition syndromes)
- A board-certified/board-eligible physician with experience in cancer genetics (defined as providing cancer risk assessment on a regular basis and undergoing ongoing continuing medical education in cancer genetics and hereditary cancer predisposition syndromes)

Programs should consider conflict of interest when choosing professionals to provide cancer risk assessment and genetic counseling.

Monitoring Genetic Assessment for a Selected Cancer Site

While it is expected that programs provide genetics assessment for all relevant cancers on an on-going basis, each calendar year programs must identify a process pursuant to evidence-based national guidelines for genetic assessment for a specific cancer site. Some examples include, but are not limited to: colon, breast, ovarian, endometrial, pancreatic, and prostate. The process must address identifying individuals for whom further genetic risk evaluation for the selected cancer site is indicated and making appropriate referrals for genetic evaluation/counseling to see if genetic testing is indicated.

Programs may repeat the same site year to year, but it is encouraged that the program evaluate different sites over time.

Evaluating Genetic Counseling and Risk Assessment Services

Each calendar year, the cancer committee must review the policy and procedure for genetic assessment and referral for genetic evaluation/counseling.

The cancer committee must review and document in the minutes:

- The number of patients identified as needing referrals for the selected cancer site each year, and
- How many patients identified as needing referrals for the selected cancer site received a referral for genetic counseling
 - It is encouraged, but not required, that programs track whether patients who received referrals ultimately had genetic counseling

If available, it is recommended that a genetics professional attend the cancer committee meeting to lead the discussion and provide the report.

Documentation

Submitted with Pre-Review Questionnaire

- Policy and procedure for providing cancer risk assessment, genetic counseling, and genetic testing services on-site or by referral that includes all required elements
- Cancer committee minutes that document the required yearly evaluations of the genetic counseling and risk assessment services.

Note: Documentation uploaded into the Pre-Review Questionnaire must have all protected health information removed.

It is expected that programs follow local, state, and federal requirements related to patient privacy, risk management, and peer review for all standards of accreditation. These requirements vary state-to-state.

Measure of Compliance

Each calendar year, the cancer program fulfills all of the compliance criteria:

1. Cancer risk assessment, genetic counseling, and genetic testing services are provided to patients either on-site or by referral by a qualified genetics professional.
2. A policy and procedure is in place regarding genetic counseling and risk-assessment services and includes all required elements.
3. A process is in place pursuant to evidence-based national guidelines for genetic assessment for a selected cancer site. The process includes all required elements.
4. The process for providing and referring cancer risk assessment, genetic counseling, and genetic testing services is monitored and evaluated, contains all required elements, and is documented in the cancer committee minutes.

Bibliography

Chen S, Wang W, Lee S, et al. Colon Cancer Family Registry. Prediction of germline mutations and cancer risk in the Lynch syndrome. *JAMA*. 2006;296:1479–1487.

National Comprehensive Cancer Network. Clinical Practice Guidelines in Oncology, Genetic/Familial High-Risk Assessment: Colorectal. Version 2.2019. August 8, 2019.

Giardiello, FM, Allen JJ, Axillbund, JE, et al. Guidelines on genetic evaluation and management of Lynch Syndrome: A consensus statement by the US Multi-Society Task Force on colorectal cancer. *Am J Gastroenterol*. 2014;109:1159–1179.

Rubenstein JH, Enns R, Heidelbaugh J, Barkun A, Clinical Guidelines Committee. American Gastroenterological Association Institute guideline on the diagnosis and management of Lynch Syndrome. *Gastroenterol*. 2015;149:777-782.

Latham A, Srinivasan P, Kemel Y, et al. Microsatellite instability is associated with the presence of lynch syndrome pan-cancer. *J Clin. Onc*. 2018;38:1-9.

National Cancer Institute. Cancer Genetics Risk Assessment and Counseling (PDQ®)—Health Professional Version. June 25, 2019. Available at: <https://www.cancer.gov/about-cancer/causes-prevention/genetics/risk-assessment-pdq>. Accessed August 8, 2019.

Centers for Disease Control and Prevention. Genetic testing strategies in newly diagnosed individuals with colorectal cancer aimed at reducing morbidity and mortality from Lynch syndrome in relatives. November 18, 2016. Available at: <https://www.cdc.gov/egapreviews/recommendations/lynch.html>. Accessed August 8, 2019.

Chaffee KG, Oberg AL, McWilliams RR, et al. Prevalence of germ-line mutations in cancer genes among pancreatic cancer patients with a positive family history. *Genet Med*. 2018;20(1):119-127.

Bartsch DK, Gress TM, Langer P. Familial Pancreatic Cancer—current knowledge. *Nat Rev Gastroenterol Hepatol*. 2012;9(8):445-453.

Canto MI, Harinck F, Hruban RH, et al. International Cancer of the Pancreas Screening (CAPS) Consortium summit on the management of patients with increased risk for familial pancreatic cancer. *Gut*. 2013;62(3):339-347.

Giri VN, Knudsen KE, Kelly WK, et al. Role of genetic testing for inherited prostate cancer risk: Philadelphia Prostate Cancer Consensus Conference 2017. *J Clin Oncol*. 2018;36(4):414-424.

Pritchard CC, Mateo MD, Walsh ME, et al. Inherited DNA-repair gene mutations in men with metastatic prostate cancer. *N Engl J Med*. 2016;375:443-453.

Pritzlaff M, Summerour P, McFarland R, et al. Male breast cancer in a multi-gene panel testing cohort: Insights and unexpected results. *Breast Cancer Res Treat*. 2017;161(3):575-586.

Buys SS, Sanbach JF, Gammon A, et al. A study of over 35,000 women with breast cancer tested with a 25-gene panel of hereditary cancer genes. *Cancer*. 2017;123(10):1721-1730.

Yang S, Axilbund JE, O'Leary E, et al. Underdiagnosis of hereditary breast and ovarian cancer in Medicare patients: Genetic testing criteria miss the mark. *Ann Surg Oncol*. 2018;25(10):2925-2931.

National Comprehensive Cancer Network. Genetic/Familial High-Risk Assessment: Breast and Ovarian. Version 3.2019. January 28, 2019.

4.5 Palliative Care Services

Definition and Requirements

Palliative care services are available to cancer patients and their family members or caregivers either on-site or by referral and are evaluated at least once each calendar year.

Palliative care refers to patient- and family-centered care that optimizes quality of life. The availability of palliative care services is an essential component of cancer care, beginning at the time of diagnosis and being continuously available throughout treatment and surveillance and, when applicable, during bereavement.

Palliative care is provided per evidence-based national treatment guidelines and includes palliative care provided by oncology teams and, as needed, consultation with palliative care specialists. It is recommended that the following specialties participate in providing palliative care services: physicians, advanced practice providers, nurses, mental health professionals, social workers, and spiritual counselors.

Palliative care is integrated in the continuum of cancer care. Types of palliative care services include, but are not limited to:

- Team-based care planning that involves the patient and family
- Pain and non-pain symptom management
- Communication among patients, families, and provider team members
- Education about illness and prognosis
- Assistance with medical decision making
- Continuity of care across a range of clinical settings and services
- Attention to spiritual needs
- Psychosocial support for patients and families
- Bereavement support for families and care team members

Palliative care services on-site will vary depending on the scope of the program, local staff expertise, and patient population. The cancer committee will define and identify in a policy and procedure the following:

- On-site and off-site palliative care services
- The palliative care team available on-site
- Criteria for referral to a palliative care specialist

Palliative care services not provided on-site at the facility must be provided through a referral relationship to other facilities and/or local agencies.

Evaluating Palliative Care Services

Each calendar year, the cancer committee monitors, evaluates, and makes recommendations for improvements to palliative care services. The evaluation is documented in the cancer committee minutes.

During this evaluation, the cancer committee must:

- Assess the approximate number of cancer patients referred for palliative care services and for what services or resources
- Discuss the criteria utilized to trigger referrals to palliative care services
- Discuss areas of improvement
 - Examples include, but are not limited to, barriers to access of palliative care services, addition of palliative care services, decreasing emergency department usage, or improving the timeliness of referrals

If available, it is recommended that a palliative care professional attend the cancer committee meeting to lead the discussion and provide the report.

Documentation

Submitted with Pre-Review Questionnaire

- Policy and procedure for providing palliative care services on-site or by referral
- Cancer committee minutes that document the required yearly evaluations of the palliative care services.

Note: Documentation uploaded into the Pre-Review Questionnaire must have all protected health information removed.

It is expected that programs follow local, state, and federal requirements related to patient privacy, risk management, and peer review for all standards of accreditation. These requirements vary state-to-state.

Measure of Compliance

Each calendar year, the cancer program fulfills all of the compliance criteria:

1. Palliative care services are available to cancer patients either on-site or by referral.
2. A policy and procedure is in place regarding palliative care services that includes all required elements.
3. The process for providing and referring palliative care services to cancer patients is monitored and evaluated. A report is given to the cancer committee, contains all required elements, and is documented in the cancer committee minutes.

Bibliography

Temel JS, Greer JA, Muziknasky A, et al. Early palliative care for patients with Non-Small Cell Lung Cancer. *N Eng J Med*. 2010;363:733-742.

Evans JM, Mackinnon M, Pereira G, et al. Integrating early palliative care into routine practice for patients with cancer: A mixed methods evaluation of the INTEGRATE project. *Psychooncology*. 2019;28(6):1261-1268.

Ferrell BR, Temel JS, Temin S, et al. Integration of palliative care into standard oncology care: American Society of Clinical Oncology clinical practice guideline update. *J Clin Oncol*. 2016;35:96-112.

Institute of Medicine and National Research Council. *Improving Palliative Care for Cancer*. Washington, DC: The National Academies Press; 2001.

Davis MP. Integrating palliative medicine into an oncology practice. *Am J of Hosp & Palliat Care*. 2005;22(6):447-522.

National Comprehensive Cancer Network. NCCN Clinical Practice Guidelines in Oncology; Palliative Care. Version 2.2019. February 8, 2019.

National Consensus Project for Quality Palliative Care. *Clinical Practice Guidelines for Quality Palliative Care*, 4th ed. Richmond, VA: National Coalition for Hospice and Palliative Care; 2018. Available at: <https://www.nationalcoalitionhpc.org/ncp>. Accessed September 10, 2019.

Cherny N, Fallon M, Kaasa S, Portenoy RK, Currow DC, eds. *Oxford Textbook of Palliative Medicine*. Oxford, UK: Oxford University Press; 2015.

American College of Surgeons. *Surgical Palliative Care: A Resident's Guide*. Chicago, IL: American College of Surgeons; 2009. Available at: <https://www.facs.org/~media/files/education/palliativecare/surgicalpalliativecareresidents.ashx>. Accessed August 14, 2019.

4.6 Rehabilitation Care Services

Definition and Requirements

Policies and procedures are in place to guide referral to appropriate rehabilitation care services on-site or by referral. Rehabilitation care is patient-centered care that optimizes patient functional status and quality of life through preventive, restorative, supportive, and palliative interventions. The availability of rehabilitation care services is an essential component of comprehensive cancer care, beginning at the time of diagnosis and being continuously available throughout treatment, surveillance, and, when applicable, through end of life.

Rehabilitation professionals associated with cancer rehabilitation typically include, but are not limited to:

- Psychiatrists
- Physical therapists
- Occupational therapists
- Speech language pathologists

Types of rehabilitative care services may include, but are not limited to:

- Screening, diagnosis, and management of physical dysfunction, impairments, and disabilities
- Interventions to manage identified functional impairments and disabilities
- Screening, diagnosis, and management of pain and non-pain symptoms
- Screening, diagnosis, and management of cognitive function
- Lymphedema management
- Physical activity recommendations during and after treatment
- Vocational rehabilitation

The cancer program defines and identifies in a policy and procedure the rehabilitation care services provided on-site and by referral. Rehabilitation services not available at the facility must be provided through a referral relationship to other facilities and/or agencies. The cancer committee will define and identify in a policy and procedure the following:

- On-site and off-site rehabilitation care services
- The rehabilitation care team available on-site
- Criteria for performing functional assessments
- Criteria for referral to a rehabilitation care specialist

Evaluating Rehabilitation Care Services

Each calendar year, the cancer committee must monitor, evaluate, and make recommendations for improvements, as needed, to rehabilitation care services and/or referrals. The content of the review and any recommendations for improvement are documented in the cancer committee minutes.

If available, it is recommended that a rehabilitation professional attend the cancer committee meeting to lead the discussion and provide the report.

Documentation

Submitted with Pre-Review Questionnaire

- Policy and procedure defining rehabilitation services that are provided on-site and by referral
- Cancer committee minutes that document the required yearly evaluations of the rehabilitation care services

Measure of Compliance

Each calendar year, the cancer program fulfills all of the compliance criteria:

1. The cancer committee develops policies and procedures to guide referral to appropriate rehabilitation care services on-site or by referral.
2. The process for referring or providing rehabilitation care services to cancer patients is monitored and reviewed by the cancer committee and documented in the cancer committee minutes.

Bibliography

National Academies of Science Engineering Medicine. *Long-term survivorship care after cancer treatment: Proceedings of a workshop*. Washington DC: The National Academies Press; 2017. Available at: <http://www.nationalacademies.org/hmd/Activities/Disease/NCPF/2017-July-24.aspx>. Accessed August 15, 2019.

Stout NL, Binkley JM, Schmitz KH, et al. A prospective surveillance model for rehabilitation for women with breast cancer. *Cancer*. 2012;118(8 suppl):2191-2200.

Mohile SG, Hurria A, Cohen HJ, et al. Improving the quality of survivorship for older adults with cancer. *Cancer*. 2016;122(16):2459-2568.

Mohile SG, Dale W, Somerfield MR, et al. Practical assessment and management of vulnerabilities in older patients receiving chemotherapy: ASCO guideline for geriatric oncology. *J Clin Oncol*. 2018;36(22):2236-2247.

4.7 Oncology Nutrition Services

Definition and Requirements

Oncology nutrition services are provided, on-site or by referral, by Registered Dietitian Nutritionists (RDN) with knowledge and skills to address nutrition and hydration requirements and recommendations throughout the continuum of cancer care, including prevention, diagnosis, treatment, survivorship, and palliative care.

Multi-modality cancer treatments can impair a cancer patient's ability to consume, digest, and absorb essential nutrition and hydration. RDNs—also known as Registered Dietitians (RDs)—are uniquely trained to address treatment-related symptom management, nutrition support, and quality-of-life concerns through medical nutrition therapy and education. In addition, RDNs are qualified to discuss diet, nutrition, and lifestyle recommendations for survivorship, health promotion, and disease prevention.

The cancer program defines and identifies the nutrition services provided on-site and by referral. Components of oncology nutrition services include, but are not limited to:

- Screening and nutrition assessment for risk and diagnosis of malnutrition, nutrition-related problems, and overweight and obesity
- Medical nutrition therapy
- Nutrition counseling
- Nutrition education
- Management and coordination of enteral and parenteral nutrition

Nutrition services not available at the facility must be provided through a referral relationship to other facilities and/or agencies.

Evaluating Oncology Nutrition Services

Each calendar year, the cancer committee must monitor, evaluate, and make recommendations for improvements to on-site oncology nutrition and hydration services and/or referral services. The content of the review and any recommendations for improvement are documented in the cancer committee minutes.

If available, it is recommended that a RDN attend the cancer committee meeting to lead the discussion and provide the report.

Documentation

Submitted with Pre-Review Questionnaire

- Policies and procedures for providing oncology nutrition services, on-site or by referral, by a Registered Dietitian Nutritionist
- Cancer committee minutes that document the required yearly evaluations of the oncology nutrition services

Measure of Compliance

Each calendar year, the cancer program fulfills all of the compliance criteria:

1. Oncology nutrition services are provided, on-site or by referral, by a Registered Dietitian Nutritionist.
2. The process for referring or providing oncology nutrition services to cancer patients is monitored and reviewed by the cancer committee and documented in the cancer minutes.

Bibliography

Academy of Nutrition and Dietetics. Evidence Analysis Library. Oncology Nutrition Evidence-based Nutrition Practice Guidelines (2007 and 2013). Available at: www.andeal.org. Accessed August 21, 2018.

Association of Community Cancer Centers: Cancer Program Guidelines. Section 8: Nutrition Services. Rockville, MD: Association of Community Cancer Centers; 2012. Available at: <https://www.accc-cancer.org>. Accessed: August 21, 2018.

Aapro M, Arends J, Bozzetti F, et al. Early recognition of malnutrition and cachexia in the cancer patient: A position paper of a European School of Oncology Task Force. *Ann Oncol*. 2014;25(8):1492-1499.

Baldwin C, Spiro A, Ahern R, et al. Oral nutritional interventions in malnourished patients with cancer: A systematic review and meta-analysis. *J Natl Cancer Inst*. 2012;104(5):371-385.

Bozzetti F, Mariani L, Lo Vullo S, et al. The nutritional risk in oncology: A study of 1,453 cancer outpatients. *Support Care Cancer*. 2012;20(8):1919-1928.

PDQ® Supportive and Palliative Care Editorial Board. Nutrition in Cancer Care (PDQ). Bethesda, MD: National Cancer Institute. Available at: <https://www.cancer.gov/about-cancer/treatment/side-effects/appetite-loss/nutrition-hp-pdq>. Accessed February 7, 2019.

Ravasco P, Monteiro-Grillo I, Vidal PM, et al. Dietary counseling improves patient outcomes: A prospective, randomized, controlled trial in colorectal cancer patients undergoing radiotherapy. *J Clin Oncol*. 2005;23(7):1431-1438.

Ravasco P. Nutritional approaches in cancer: Relevance of individualized counseling and supplementation. *Nutrition*. 2015;31(4):603-604.

Tong H, Isenring E, Yates P. The prevalence of nutrition impact symptoms and their relationship to quality of life and clinical outcomes in medical oncology patients. *Support Care Cancer*. 2009;17(1):83-90.

4.8 Survivorship Program

Definition and Requirements

The cancer committee oversees the development and implementation of a survivorship program directed at meeting the needs of cancer patients treated with curative intent.

Survivorship Program Team

The cancer committee appoints a coordinator of the survivorship program per the requirements in Standard 2.1: Cancer Committee.

The Survivorship Program Coordinator develops a survivorship program team. Suggested specialties include physicians, advanced practice providers, nurses, social workers, nutritionists, physical therapists, and other allied health professionals.

The survivorship program team determines a list of services and programs, offered on-site or by referral, that address the needs of cancer survivors. The team formally documents a minimum of three services offered each year. Services may be continued year to year, but it is expected that cancer programs will strive to enhance existing services over time and develop new services.

Each year, the survivorship program coordinator gives a report, and the cancer committee reviews the activities of the survivorship program. The report includes:

- An estimate of the number of cancer patients who participated in the three identified services
- Identification of the resources needed to improve the services if barriers were encountered

Survivorship Program Services

Services utilized by the survivorship program may include, but are not limited to:

- Treatment summaries
- Survivorship care plans
- Screening programs for cancer recurrence
- Screening for new cancers
- Seminars for survivors
- Rehabilitation services
- Nutritional services
- Psychological support & psychiatric services
- Support groups and services
- Formalized referrals to experts in cardiology, pulmonary services, sexual dysfunction, fertility counseling
- Financial support services
- Physical activity programs

Survivorship Care Plans (SCP)

The CoC recommends and encourages that patients receive a survivorship care plan (SCP), but delivery of such plans is not a required component of this standard. Delivery of SCPs may be utilized as one of the services offered to survivors to meet the requirements of this standard. If so, then the program defines the population to receive care plans.

Documentation

Submitted with Pre-Review Questionnaire

- Policy and procedure defining the survivorship program requirements
- Cancer committee minutes that document the required yearly evaluations of the survivorship program

Measure of Compliance

Each calendar year, the program fulfills all of the following compliance criteria:

1. The cancer committee identifies a survivorship program team, including its designated coordinator and members.
2. The survivorship program is monitored and evaluated. A report is given to the cancer committee, contains all required elements, and is documented in the cancer committee minutes.

Bibliography

Jacobs, LA, Shulman LN. Follow-up care of cancer survivors: Challenges and solutions. *Lancet Oncol.* 2017;18:e19-29.

Mayer DK, Nekhyudov L, Snyder CF, Merrill JK, Wollins DS, Shulman LN. American Society of Clinical Oncology clinical expert statement on cancer survivorship care planning. *J Oncol Practice.* 2014;10:345-351.

Nekhlyudov L, Mollica MA, Jacobsen P, Mayer DK, Shulman LN, Geiger AM. Developing a quality of cancer survivorship care framework: Implications for clinical care, research, and policy. *J Natl Cancer Inst.* 2019.

Selove R, Birken SA, Skolarus TA, Hahn EE, Sales A, Proctor EK. Using implementation science to examine the impact of cancer survivorship care plans. *J. Clin. Oncol.* 2016;34:3834-3837.

Tevaawerk AJ, Sesto ME. Continued challenges to the adoption and implementation of survivorship care plans. *J Oncol Pract.* 2018;14(10):573-576.

Thom B, Boekhout AH, Corcoran S, Adsuar R, Oeffinger KC, McCabe MS. Advanced practice providers and survivorship care: They can deliver. *J Oncol Pract.* 2019;15(3):e230-e237.



AMERICAN COLLEGE OF SURGEONS
COMMISSION ON CANCER

5 Patient Care: Expectations and Protocols

Rationale

Patient care expectations are the backbone of the accreditation program, ranging from the patient's psychosocial well-being, the quality of the cancer surgery, and to the completeness of operative and pathologic reports.

Standards 5.3 through 5.8 were developed from guidelines described in *Operative Standards for Cancer Surgery* (OSCS), a surgical manual that provides recommendations regarding the effective technical conduct of surgical operations and review of the quality of evidence upon which those recommendations are based. Commission on Cancer (CoC) accreditation reaches approximately 70 percent of patients with newly diagnosed cancer each year. Incorporation of the OSCS recommendations as CoC accreditation standards is a step toward improving oncologic outcomes by reducing the variation in the way cancer operations are performed across the United States.

Standards 5.3 through 5.8 apply to all operations conducted with curative intent. Intent should be assigned postoperatively by the operating surgeon on the basis of preoperative evaluation and intraoperative management, and is to be clearly documented in the operative report for any operation covered by these standards. Curative operations generally include complete resection of the primary tumor and nodal evaluation for therapeutic or staging purposes.* Any operation in which a surgeon deliberately deviates from these standards, as may occur in the setting of patient frailty or comorbidity, would not be considered curative.

* Lymphadenectomy is not performed for certain curative operations, such as resection of a thin melanoma.

These standards are intended solely as qualification criteria for CoC accreditation. They do not constitute a standard of care and are not intended to replace the medical judgment of the physician or health care professional in individual circumstances.

5.1 College of American Pathologists Synoptic Reporting

Definition and Requirements

Ninety percent of the eligible cancer pathology reports are structured using synoptic reporting format as defined by the College of American Pathologists (CAP) cancer protocols, including containing all core data elements within the synoptic format.

The synoptic format is defined as a structured format that includes all of the following:

- All core elements must be reported whether applicable or not, except for those that are defined as “conditional.” Elements identified in the Cancer Protocols as “conditional” only need to be reported if applicable.
- All core elements must be reported in a “diagnostic parameter pair” format, in other words, data element followed by its response (answer).
- Each diagnostic parameter pair must be listed on a separate line or in a tabular format to achieve visual separation (refer to CAP Cancer Protocols for exceptions to this rule).
- All core elements must be listed together in synoptic format in one location in the pathology report.

Note: Please refer to the CAP Cancer Protocols for specific guidance and examples.

For CoC-accredited programs, “eligible cancer pathology reports” are defined as:

- Definitive surgical resection of primary invasive malignancies and ductal carcinoma in situ (DCIS), and
- Definitive surgical resection in patients who have received neoadjuvant therapy AND who have residual tumor

*The following do **not** need to be reported using the CAP Cancer Protocols:*

- Definitive surgical resection in which no residual tumor is present
- Additional surgical procedure performed after definitive resection (for example, resection of positive margins or node biopsy/resection)
- Diagnostic biopsy, cytology specimens, or other diagnostic procedures done before definitive surgical therapy
- Surgical resection for recurrent tumor
- In situ carcinomas (except for DCIS)
- Special studies (for example, biomarker or prognostic testing)

Documentation

Reviewed On-Site

- The site reviewer will review the standardized synoptic pathology reports for eligible patients.

Note: Documentation uploaded into the Pre-Review Questionnaire must have all protected health information removed.

It is expected that programs follow local, state, and federal requirements related to patient privacy, risk management, and peer review for all standards of accreditation. These requirements vary state-to-state.

Measure of Compliance

During the accreditation cycle, the cancer program fulfills the compliance criteria:

1. Ninety percent of the eligible cancer pathology reports are structured using synoptic reporting format as defined by the College of American Pathologist (CAP) cancer protocols, including containing all core data elements within the synoptic format.

Bibliography

Lankshear S, Srigley J, McGowan T, Yurcan M, Sawka C. Standardized synoptic cancer pathology reports—So what and who cares? *Arch of Pathol Lab Med.* 2013;137(11):1599-1602.

Srigley J, Lankshear S, Brierley J, et al. Closing the quality loop: Facilitating improvement in oncology practice through timely access to clinical performance indicators. *J Oncol Pract.* 2013;9(5):e255-e261.

Karim RZ, van den Berg KS, Colman MH, McCarthy SW, Thompson JF, Scolyer RA. The advantage to using a synoptic pathology format for cutaneous melanoma. *Histopathology.* 2008;52(2):130-138.

Pignol JP, Rakovitch E, Zeppieri J, Hanna W. Accuracy and completeness of pathology reporting—Impact on partial breast irradiation eligibility. *Clin Oncol.* 2012;24(3):177-182.

Lam E, Vy N, Bajdik C, Strugnell SS, Walker B, Wiseman SM. Synoptic pathology reporting for thyroid cancer: A review and institutional experience. *Expert Rev Anticancer Ther.* 2013;13(9):1073-1079.

Haugland HK, Casati B, Dorum LM, Bjugn R. Template reporting matters—A nationwide study on histopathology reporting on colorectal carcinoma resections. *Hum Pathol.* 2011;42(1):36-40.

Messenger DE, McLeod RS, Kirsch R. What impact has the introduction of a synoptic report for rectal cancer had on reporting outcomes for specialist gastrointestinal and nongastrointestinal pathologists? *Arch Pathol Lab Med.* 2011;135(11):1471-1475.

Gill AJ, Johns AL, Eckstein R, et al. Synoptic reporting improves histopathological assessment of pancreatic resection specimens. *Pathology.* 2009;41(2):161-167.

Aumann K, Niermann K, Asberger J, et al. Structured reporting ensures complete content and quick detection of essential data in pathology reports of oncological breast resection specimens. *Breast Cancer Res Treat.* 2016;156(3):495-500.

Sluijter CE, van Lonkhuijzen LR, van Slooten HJ, Nagtegaal ID, Overbeek LI. The effects of implementing synoptic pathology reporting in cancer diagnosis: A systematic review. *Virchows Arch.* 2016;468(6):639-649.

5.2 Psychosocial Distress Screening

Definition and Requirements

Psychosocial services are available on-site or by referral. Each calendar year, the cancer committee implements a policy and procedure for providing and monitoring psychosocial distress screening and referral for psychosocial care. The psychosocial distress screening process is evaluated, documented, and the findings are reported to the cancer committee by the Psychosocial Services Coordinator.

Psychosocial Services Policy and Procedure

Services that address physical, psychological, social, spiritual, and financial needs that result from a cancer diagnosis must be available on-site or by referral with an established policy and procedure in place to inform patients how to access them.

Psychosocial Distress Screening

Cancer programs must implement a policy and procedure for psychosocial distress screening for cancer patients. The process identifies psychological, social, financial, and behavioral issues that may interfere with a patient's treatment plan and adversely affect treatment outcomes. The process also provides patients identified with distress the appropriate resources and/or referral for psychosocial needs.

Timing of Screening

Cancer patients must be screened for distress at least one time during the patient's first course of treatment. Additional screenings may be provided per cancer program or health care provider discretion, but are not required by this standard.

The following patients are not included in compliance for this standard:

- Biopsy only or class of case "00" patients
- Patients who are admitted to the hospital with a history of cancer, but for non-cancer related issues
- Inpatients with a current diagnosis of cancer who are treated for a non-cancer issue and do not receive cancer treatment

Method

The mode of administration (patient questionnaire or clinician-administered questionnaire) is determined by the cancer committee and may be tailored to the workflow of the practice. Medical staff, including medical assistants, nurses, social workers, and physicians who administer or interpret the screening tool must be properly trained.

The policy and procedure must address the sites of service where screenings occur, including at the CoC-accredited facility and/or with designated providers (for example, offices of medical oncologists and/or radiation oncologists affiliated with the CoC program). The policy and procedure must include processes for assessment and treatment (on-site or by referral) appropriate for the source of distress identified by the screening, including the psychosocial, physician, spiritual, and mental health resources available to patients on-site or by referral.

Tools

The cancer committee selects and approves the psychosocial distress screening tool to be administered. Preference is given to standardized, validated instruments or tools with established clinical cutoffs. The cancer committee determines the cutoff score used to identify distressed patients.

Assessment and Referral

If there is clinical evidence of moderate or severe distress based on the results of the distress screening, a member of the patient's oncology team (physician, nurse, social worker, psychologist, and/or contracted mental health professional) must assess the patient (through direct contact) to identify the problems initiating the distress. Direct contact means discussion of the results with the patient face-to-face, by telephone, or by telemedicine. This assessment will confirm the distress screening results and identify the appropriate referrals as needed.

Documentation

The screening process, timing of screening, identified tool, and distress level triggering a referral to services are documented in the policy and procedure.

The distress screening(s) results, referral for provision of care, and any follow-up are documented in the patient medical record to facilitate integrated, high-quality care.

The Psychosocial Services Coordinator is required to oversee this activity and report to the cancer committee each year. Reports must include one year's worth of data.

The annual psychosocial services summary must include, but is not limited to:

- Number of patients screened
- Number of patients referred for distress resources or further follow-up
- Where patients were referred (on-site or by referral)

Documentation

Submitted with Pre-Review Questionnaire

- Policies and procedures that provide patient access to psychosocial services either on-site or by referral
- The psychosocial distress screening policy and procedure
- The annual psychosocial services summary that documents all required elements and cancer committee minutes documenting the report

Measure of Compliance

Each calendar year, the cancer program fulfills all of the compliance criteria:

1. Policies and procedures are in place to provide patient access to psychosocial services either on-site or by referral.
2. The cancer committee implements a policy and procedure that includes all requirements for providing and monitoring psychosocial distress screening and referral for psychosocial care.
3. Cancer patients are screened for psychosocial distress at least once during the first course of treatment.
4. The psychosocial distress screening process is evaluated, documented, and the findings are reported to the cancer committee by the Psychosocial Services Coordinator. The coordinator's report includes all required elements and is documented in the cancer committee minutes.

Bibliography

Institute of Medicine. *Cancer Care for the Whole Patient: Meeting Psychosocial Health Need*. Washington DC: National Academies Press; 2008. Available at <http://www.nationalacademies.org/hmd/Reports/2007/Cancer-Care-for-the-Whole-Patient-Meeting-Psychosocial-Health-Needs.aspx>. Accessed August 16, 2019.

National Comprehensive Cancer Network (NCCN), (2014). NCCN clinical practice guidelines in oncology: Distress management. Version 3.2019. May 6, 2019.

Bultz BD, Johansen C. Screening for distress, the 6th vital sign: Where are we, and where are we going? *Psychooncology*. 2011;20(6):569-571.

Carlson LE, Waller A, Mitchell AJ. Screening for distress and unmet needs in patients with cancer: Review and recommendations. *J of Clin Oncol*. 2012;30(11):1160-1177.

Lazenby M, Ercolano E, Grant M et al. Supporting Commission on Cancer–mandated psychosocial distress screening with implementation strategies. *J of Oncol Prac*. 2015;11(3):e413-e420.

Lazenby M, Tan H, Pasacreta N, Ercolano E, McCorkle R. The five steps of comprehensive psychosocial distress screening. *Curr Oncol Rep*. 2015;17(5):447.

Vodermaier A, Linden W, Siu C. Screening for emotional distress in cancer patients: A systematic review of assessment instruments. *J Natl Cancer Inst*. 2009;101(21):1464-1488.

Zabora J, BrintzenhofeSzoc K, Curbow B, Hooker C, Piantadosi S. The prevalence of psychosocial distress by cancer site. *Psychooncology*, 2001;10(1):19-28.

PHASE-IN STANDARD

5.3 Sentinel Node Biopsy for Breast Cancer

Definition and Requirements

All sentinel nodes for breast cancer must be identified, removed, and subjected to pathologic analysis to ensure that lymphatic mapping and sentinel lymphadenectomy provide accurate information for breast cancer staging.

Sentinel nodes are defined as (1) node(s) having uptake of a localization substrate (radioactive tracer and/or colored dye) that has been previously injected into the affected breast, (2) node(s) to which an afferent colored lymphatic travels, or (3) dominant lymph node(s) that are palpably suspicious as identified by the operating surgeon. Nodes with radioactive counts that are at least 10% that of the most radioactive node are considered sentinel nodes and should be removed.

This standard has been satisfied if (1) a diligent search has been made for sentinel nodes, and those nodes are removed when present, and (2) documentation of those specifics is complete and in synoptic format. Specifically, operative reports must indicate that all colored, radioactive, and/or suspicious nodes were removed, in addition to any non-colored nodes at the end of a colored lymphatic.

When performing a sentinel node biopsy in patients who have received neoadjuvant chemotherapy, removing a clipped node and/or at least two to three sentinel nodes and/or using multiple substrates for sentinel node identification reduces the false negative rate.

Synoptic Operative Report Requirements

Operative reports for patients undergoing sentinel node biopsy for breast cancer must include the following elements in synoptic format. Programs are welcome to use the American College of Surgeons or their own synoptic operative reports as long as the data elements required to achieve compliance with the CoC standards are clearly identified and the response options are the same as in the CoC standard. A uniform synoptic reporting format should be used by all surgeons at the facility.

Element	Response Options
Operation performed with curative intent.	Yes; No.
Tracer(s) used to identify sentinel nodes in the upfront surgery (non-neoadjuvant) setting (<i>select all that apply</i>).	Dye; Radioactive tracer; Superparamagnetic iron oxide; Other (<i>with explanation</i>); N/A.
Tracer(s) used to identify sentinel nodes in the neoadjuvant setting (<i>select all that apply</i>).	Dye; Radioactive tracer; Superparamagnetic iron oxide; Other (<i>with explanation</i>); N/A.
All nodes (colored or non-colored) present at the end of a dye-filled lymphatic channel were removed.	Yes; No (<i>with explanation</i>); N/A.
All significantly radioactive nodes were removed.	Yes; No (<i>with explanation</i>); N/A.
All palpably suspicious nodes were removed.	Yes; No (<i>with explanation</i>); N/A.
Biopsy-proven positive nodes marked with clips prior to chemotherapy were identified and removed.	Yes; No (<i>with explanation</i>); N/A.

Scope of Standard

This standard applies to all nodal staging operations performed with curative intent for patients with breast cancers of epithelial origin.

For current implementation information, visit facs.org/cocstandardsupdates

Documentation

Reviewed On-Site

- The site reviewer will review synoptic operative reports from applicable sentinel node biopsies for breast cancer.

Note: Documentation uploaded into the Pre-Review Questionnaire must have all protected health information removed.

It is expected that programs follow local, state, and federal requirements related to patient privacy, risk management, and peer review for all standards of accreditation. These requirements vary state-to-state.

Measure of Compliance

Each calendar year, the cancer program fulfills the compliance criteria:

1. All sentinel nodes for breast cancer are identified using tracers or palpation, removed, and subjected to pathologic analysis.
2. Operative reports for sentinel node biopsies for breast cancer document the required elements in synoptic format.

Bibliography

National Comprehensive Cancer Network. NCCN Clinical Practice Guidelines in Oncology: Breast Cancer Version 2.2019. July 2, 2019.

Boughey JC, Suman VJ, Mittendorf EA, et al. Sentinel lymph node surgery after neoadjuvant chemotherapy in patients with node-positive breast cancer: The ACOSOG Z1071 (Alliance) clinical trial. *JAMA*. 2013;310(14):1455-1461.

Kuehn T, Bauerfeind I, Fehm T, et al. Sentinel-lymph-node biopsy in patients with breast cancer before and after neoadjuvant chemotherapy (SENTINA): A prospective, multicentre cohort study. *Lancet Oncol*. 2013;14:609-618.

Alvarado MD, Mittendorf EA, Teshome M, et al. Sentimag IC: A non-inferiority trial comparing superparamagnetic iron oxide versus technetium-99m and blue dye in the detection of axillary sentinel nodes in patients with early-stage breast cancer. *Ann Surg Oncol*. 2019;26:3510-3516.

Boileau JF, Poirier B, Basik M, et al. Sentinel node biopsy after neoadjuvant chemotherapy in biopsy-proven node-positive breast cancer: The SN FNAC Study. *J Clin Onc*. 2015;33(3):258-264.

Nelson H, Hunt KK, Veeramachaneni N, et al. *Operative Standards for Cancer Surgery, Volume I*. Chicago, IL. Wolters Kluwer; 2015.

PHASE-IN STANDARD

5.4 Axillary Lymph Node Dissection for Breast Cancer

Definition and Requirements

Axillary lymph node dissection (ALND) for breast cancer constitutes removal of level I and II lymph nodes within an anatomic triangle defined by the axillary vein, chest wall, and latissimus dorsi, with preservation of key neurovascular structures.

ALND is a procedure that serves two purposes: (1) to provide important staging and prognostic information that can inform treatment decisions, and (2) to improve local-regional control in certain settings in which sentinel node biopsy, systemic therapies, and radiotherapy—alone or combined—have not yet been demonstrated to adequately control disease.

The standard has been satisfied if (1) dissection to established axillary anatomic boundaries is complete, and (2) documentation of operative specifics is complete and in synoptic format. The contents of an ALND for breast cancer should include the level I and II axillary lymph node basins. Complete removal of the nodes within these basins constitutes complete dissection within the following boundaries: the axillary vein, the latissimus dorsi muscle, and the chest wall (serratus anterior muscle). In the course of the dissection, the long thoracic nerve and the thoracodorsal nerve should be preserved unless visibly involved with cancer. The intercostobrachial nerves should be spared when possible. Although the numbers of lymph nodes retrieved in an ALND performed after neoadjuvant chemotherapy is often lower than when ALND is performed in the upfront surgery setting, the surgical techniques that guide ALND are identical in these two settings.

Axillary dissection of levels I and II should be complete, with resection of all soft tissue within the boundaries specified above. Level III nodes may also be removed if clinically involved or suspicious at surgery, although the benefit of their removal is isolated to improvement of local-regional control, and limited data support their removal.

Synoptic Operative Report Requirements

Operative reports for patients undergoing axillary lymph node dissection must include the following elements in synoptic format. Programs are welcome to use the American College of Surgeons or their own synoptic operative reports as long as the data elements required to achieve compliance with the CoC standards are clearly identified and the response options are the same as in the CoC standard. A uniform synoptic reporting format should be used by all surgeons at the facility.

Element	Response Options
Operation performed with curative intent.	Yes; No.
Resection was performed within the boundaries of the axillary vein, chest wall (serratus anterior), and latissimus dorsi.	Yes; No (<i>with explanation</i>).
Nerves identified and preserved during dissection (<i>select all that apply</i>).	Long thoracic nerve; Thoracodorsal nerve; Branches of the intercostobrachial nerves; Other (<i>with explanation</i>).
Level III nodes were removed.	Yes (<i>with explanation</i>); No.

Scope of Standard

This standard applies to all axillary lymph node dissections performed with curative intent for patients with breast cancers of epithelial origin.

For current implementation information, visit [facs.org/cocstandardsupdates](https://www.facs.org/cocstandardsupdates)

Documentation

Reviewed On-Site

- The site reviewer will review synoptic operative reports from applicable axillary lymph node dissections for breast cancer.

Note: Documentation uploaded into the Pre-Review Questionnaire must have all protected health information removed.

It is expected that programs follow local, state, and federal requirements related to patient privacy, risk management, and peer review for all standards of accreditation. These requirements vary state-to-state.

Measure of Compliance

Each calendar year, the cancer program fulfills the compliance criteria:

1. Axillary lymph node dissections for breast cancer include removal of level I and II lymph nodes within an anatomic triangle comprised of the axillary vein, chest wall (serratus anterior), and latissimus dorsi, with preservation of the main nerves in the axilla.
2. Operative reports for axillary lymph node dissections for breast cancer document the required elements in synoptic format.

Bibliography

Graversen HP, Blichert-Toft M, Andersen JA, Zedeler K. Breast cancer: Risk of axillary recurrence in node-negative patients following partial dissection of the axilla. *Eur. J. Surg. Oncol.* Oct 1988;14(5):407-412.

Taira N, Shimozuma K, Ohsumi S, et al. Impact of preservation of the intercostobrachial nerve during axillary dissection on sensory change and health-related quality of life 2 years after breast cancer surgery. *Breast Cancer.* 2014;21:183–190.

Warrier S, Hwang A, Koh CE, et al. Preservation or division of the intercostobrachial nerve in axillary dissection for breast cancer: Meta-analysis of Randomised Controlled Trials. *The Breast.* 2014;23:310-316.

National Comprehensive Cancer Network. NCCN Clinical Practice Guidelines in Oncology: Breast Cancer Version 2.2019. July 2, 2019.

Caudle AS, Yang WT, Krishnamurthy S, et al. Improved axillary evaluation following neoadjuvant therapy for patients with node-positive breast cancer using selective evaluation of clipped nodes: Implementation of targeted axillary dissection. *J Clin Onc.* 2016;34(10):1072-1078.

Olson JA, McCall LM, Beitsch P, et al. Impact of immediate versus delayed axillary node dissection on surgical outcomes in breast cancer patients with positive sentinel nodes: Results from American College of Surgeons Oncology Group Trials Z0010 and Z0011. *J Clin Onc.* 2008;26(21):3530-3535.

Nelson H, Hunt KK, Veeramachaneni N, et al. *Operative Standards for Cancer Surgery, Volume I.* Chicago, IL: Wolters Kluwer; 2015.

PHASE-IN STANDARD

5.5 Wide Local Excision for Primary Cutaneous Melanoma

Definition and Requirements

Clinical margin width for wide local excision of a melanoma is based on the original Breslow thickness of the primary tumor, as indicated on the initial biopsy pathology report. The clinical margin width for wide local excision of invasive melanoma should be 1 cm for melanomas <1 mm thick, 1 to 2 cm for invasive melanomas 1 to 2 mm thick, and 2 cm for invasive melanomas >2 mm thick. The clinical margin width for wide local excision of a melanoma in situ should be at least 5 mm. Cosmetic concerns or anatomic limitations, particularly on the hands, feet, or face, may dictate narrower margins. If this is the case, the operative report must document the reason for this deviation.

“The appropriate [wide local excision] margins are measured from the periphery of any gross residual tumor or the edges of the entire previous biopsy scar (shave or excisional).”

Operative Standards for Cancer Surgery, Volume 2, page 392. The depth of resection should include the skin and all underlying subcutaneous tissue to the level of the underlying fascial plane. For in situ disease, the wide local excision need only include the skin and the superficial subcutaneous fat.

Synoptic Operative Report Requirements

Operative reports for patients undergoing wide local excision of primary cutaneous melanomas must include the following elements in synoptic format. Programs are welcome to use the American College of Surgeons or their own synoptic operative reports as long as the data elements required to achieve compliance with the CoC standards are clearly identified and the response options are the same as in the CoC standard. A uniform synoptic reporting format should be used by all surgeons at the facility.

Element	Response Options
Operation performed with curative intent	Yes; No.
Original Breslow thickness of the lesion	Melanoma in situ (MIS); __ mm (to the tenth of a millimeter).
Clinical margin width (measured from the edge of the lesion or the prior excision scar)	0.5 cm; 1 cm; 2 cm; Other: __ cm due to cosmetic/anatomic concerns; Other (with explanation).
Depth of excision	Full-thickness skin/ subcutaneous tissue down to fascia (melanoma); Only skin and superficial subcutaneous fat (melanoma in situ); Other (with explanation).

Scope of Standard

This standard applies to all curative-intent wide local excisions of primary cutaneous melanoma lesions. Mucosal, ocular, and subungual melanomas are excluded.

For current implementation information, visit facs.org/cocstandardsupdates

Documentation

Reviewed On-Site

- The site reviewer will review synoptic operative reports from applicable wide local excisions for melanoma.

Note: Documentation uploaded into the Pre-Review Questionnaire must have all protected health information removed. It is expected that programs follow local, state, and federal requirements related to patient privacy, risk management, and peer review for all standards of accreditation. These requirements vary state-to-state.

Measure of Compliance

Each calendar year, the cancer program fulfills the compliance criteria:

- Wide local excisions for melanoma include the skin and all underlying subcutaneous tissue down to the fascia (for invasive melanoma) or the skin and the superficial subcutaneous fat (for in situ disease). Clinical margin width is selected based on original Breslow thickness:
 - Clinical margin width for wide local excision is 1 cm for invasive melanomas less than 1 mm thick.
 - Clinical margin width for wide local excision is 1 to 2 cm for invasive melanomas 1 to 2 mm thick.
 - Clinical margin width for wide local excision is 2 cm for invasive melanomas greater than 2 mm thick.
 - Clinical margin width for wide local excision is at least 5 mm for melanoma in situ.
- Operative reports for wide local excisions of primary cutaneous melanomas document the required elements in synoptic format.

Bibliography

Balch CM, Urist MM, Karakousis CP, et al. Efficacy of 2 cm surgical margins for intermediate-thickness melanomas (1 to 4 mm). Results of a multi-institutional randomized surgical trial. *Ann Surg*. 1993;218:262-267.

Ross M, Gershewald JE. Evidence-based treatment of early-stage melanoma. *J Surg Oncol*. 2011;104:341-353.

Swetter SM, Tsao H, Bichakjian CK, et al. Guidelines of care for the management of primary cutaneous melanoma. *J Am Acad Dermatol*. 2019;80(1):208-250.

PHASE-IN STANDARD

5.6 Colon Resection

Definition and Requirements

Tumor Location

Preoperative and intraoperative tumor location of colon cancer may both be recorded, but in cases of discrepancy, the intraoperative tumor location should be considered the definitive tumor location. In some cases, the rectal location may not have been anticipated preoperatively. Colon and Rectum, NOS can be used sparingly for rare tumors where more than one segment of colon is involved, and origin cannot be determined.

Extent of Colon and Vascular Resection

For patients with colon cancer, resection of the tumor-bearing bowel segment and complete lymphadenectomy must be performed en bloc with proximal vascular ligation at the origin of the primary feeding arteries and veins* as follows:

- Right hemicolectomy - ileocolic and right colic (if present).
- Extended right hemicolectomy - ileocolic, right colic (if present), and middle colic.
- Transverse colectomy - middle colic.
- Splenic flexure – middle colic and ascending left colic.
- Left hemicolectomy - inferior mesenteric.
- Sigmoid resection - inferior mesenteric.
- Total abdominal colectomy - ileocolic, right colic (if present), middle colic, and inferior mesenteric.
 - If performed with proctectomy - superior and middle rectal.
- Other – Describe segments and vasculature resected anomalous to standard practice and explain the reason(s).

*Operative Standards for Cancer Surgery, Volume 1, page 288.

Synoptic Operative Report Requirements

Operative reports for patients undergoing resection for colon cancer must include the following elements in synoptic format. Programs are welcome to use the American College of Surgeons or their own synoptic operative reports as long as the data elements required to achieve compliance with the CoC standards are clearly identified and the response options are the same as in the CoC standard. A uniform synoptic reporting format should be used by all surgeons at the facility.

Element	Response Options
Operation performed with curative intent	Yes; No.
Tumor location	Cecum; Ascending colon; Hepatic flexure; Transverse colon; Splenic flexure; Descending colon; Sigmoid colon; Rectosigmoid junction; Rectum, NOS; Colon, NOS.
Extent of colon and vascular resection	Right hemicolectomy – ileocolic, right colic (if present); Extended right hemicolectomy – ileocolic, right colic (if present), middle colic; Transverse colectomy – middle colic; Splenic flexure resection – middle and ascending left colic; Left hemicolectomy – inferior mesenteric; Sigmoid resection – inferior mesenteric; Total abdominal colectomy – ileocolic, right colic (if present), middle colic, inferior mesenteric; Total abdominal colectomy, with proctectomy – ileocolic, right colic (if present), middle colic, inferior mesenteric, superior and middle rectal; Other (<i>with explanation</i>).

Scope of Standard

This standard applies to all resections performed with curative intent for patients with colon cancer and applies to all operative approaches.

For current implementation information, visit facs.org/cocstandardsupdates

Documentation

Reviewed On-Site

- The site reviewer will review synoptic operative reports from applicable resections for colon cancer.

Note: Documentation uploaded into the Pre-Review Questionnaire must have all protected health information removed.

It is expected that programs follow local, state, and federal requirements related to patient privacy, risk management, and peer review for all standards of accreditation. These requirements vary state-to-state.

Measure of Compliance

Each calendar year, the cancer program fulfills the compliance criteria:

1. Resection of the tumor-bearing bowel segment and complete lymphadenectomy is performed en bloc with proximal vascular ligation at the origin of the primary feeding vessel(s).
2. Operative reports for resections for colon cancer document the required elements in synoptic format.

Bibliography

Nelson H, Hunt KK, Veeramachaneni N, et al. *Operative Standards for Cancer Surgery, Volume I*. Chicago, IL: Wolters Kluwer; 2015.

ASCRS Textbook of Colon and Rectal Surgery, 3rd Edition (2016).

Desch CE, McNiff KK, Schneider EC, et al. American Society of Clinical Oncology/National Comprehensive Cancer Network Quality Measures, *J Clin Oncol*. 2008;26(21):3631-3637.

Fingerhut A, Tzu-Liang CW, Boni L, Uranues S. Complete mesocolic excision for colonic cancer. *Minerva Chir*. 2019;74(2):148-159.

Alhassan N, Yang MJ, Wong-Chong N, et al. Comparison between conventional colectomy and complete mesocolic excision for colon cancer: A systematic review and pooled analysis: A review of CME versus conventional colectomies. *Surg Endosc*. 2019;33(1):8-18.

5.7 Total Mesorectal Excision

Definition and Requirements

Total mesorectal excision (TME) is performed for patients undergoing radical surgical resection of mid and low rectal cancers.

“Total mesorectal excision (TME) of rectal cancer leverages existing tissue planes to perform a complete resection of the tumor and the associated draining lymph nodes. ... As shown in several studies, a complete mesorectum resulting from performing a TME in the proper tissue plane results in lower rates of local and distant recurrence than resection with an incomplete mesorectum.” *Operative Standards for Cancer Surgery*, Volume 2, page 194.

By maintaining the intact fascia propria of the rectum and operating in the space between the mesorectum and the endopelvic fascia, the surgeon can achieve a resection with a negative margin, while simultaneously preserving neurovascular structures.

Per the College of American Pathologists (CAP) cancer protocol template for rectal cancer resections, the quality of TME resection (complete, near complete, or incomplete) must be documented in curative resection of rectal adenocarcinoma pathology reports in synoptic format.

Although the surgeon should always strive to perform a complete TME, near-complete TME yields similar rates of local recurrence and survival and is considered to meet the expectations of this standard. Conversely, incomplete TME is associated with a significantly higher risk of local recurrence and cancer related death than either complete or near-complete TME.

Scope of Standard

This standard applies to all radical, anatomic operations for rectal adenocarcinoma performed with curative intent and excludes primary resection specimens with no residual cancer (e.g. following neoadjuvant therapy).

For current implementation information, visit facs.org/cocstandardsupdates

Documentation

Reviewed On-Site

- The site reviewer will review synoptic pathology reports from applicable radical resections for middle and low rectal cancers.

Note: Documentation uploaded into the Pre-Review Questionnaire must have all protected health information removed.

It is expected that programs follow local, state, and federal requirements related to patient privacy, risk management, and peer review for all standards of accreditation. These requirements vary state-to-state.

Measure of Compliance

Each calendar year, the cancer program fulfills the compliance criteria:

- Total mesorectal excision is performed for patients undergoing radical surgical resections of mid and low rectal cancers, resulting in complete or near-complete total mesorectal excision.
- Pathology reports for resections of rectal adenocarcinoma document the quality of TME resection (complete, near complete, or incomplete) in synoptic format.

Bibliography

Bosch SL, Nagtegaal ID. The importance of the pathologist's role in assessment of the quality of the mesorectum. *Curr Colorectal Cancer Rep.* 2012;8(2):90-98.

Nagtegaal ID, van de Velde CJ, van der Worp E, et al. Macroscopic evaluation of rectal cancer resection specimen: Clinical significance of the pathologist in quality control. *J Clin Oncol.* 2002;20(7):1729-1734.

De Lacy FB, Chadi SA, Berho M, et al. The future of rectal cancer surgery: A narrative review of an international symposium. *Surg Innov.* 2018;25(5):525-535.

5.8 Pulmonary Resection

Definition and Requirements

The surgical pathology report associated with any curative intent pulmonary resection for primary lung malignancy must report the oncologic status of lymph nodes from at least one (named and/or numbered) hilar station and at least three distinct (named and/or numbered) mediastinal stations.

“The hilum and mediastinum should be thoroughly staged at the time of lung resection, even in patients who are undergoing nonanatomic parenchymal-sparing resections such as... [a] wedge resection.” *Operative Standards for Cancer Surgery*, Volume 1, page 93.

For reference, single digit stations are mediastinal (2-9) and double digit stations are hilar (10 or higher).

Per the College of American Pathologists (CAP) cancer protocol template for pulmonary resections, the nodal stations examined by the pathologist must be documented in curative pulmonary resection pathology reports in synoptic format. Surgeons are expected to designate the lymph node station from which each node/group of nodes was/were taken on the histology requisition form.

Scope of Standard

This standard applies to all primary pulmonary resections performed with curative intent for non-small cell lung cancer (NSCLC), small cell lung cancer (SCLC), or carcinoid tumors of the lung. This standard applies to all operative approaches.

For current implementation information, visit facs.org/cocstandardsupdates

Documentation

Reviewed On-Site

- The site reviewer will review synoptic pathology reports from applicable pulmonary resections for NSCLC, SCLC, or carcinoid tumors of the lung.

Note: Documentation uploaded into the Pre-Review Questionnaire must have all protected health information removed.

It is expected that programs follow local, state, and federal requirements related to patient privacy, risk management, and peer review for all standards of accreditation. These requirements vary state-to-state.

Measure of Compliance

Each calendar year, the cancer program fulfills the compliance criteria:

- Pulmonary resections for primary lung malignancy include lymph nodes from at least one (named and/or numbered) hilar station and at least three distinct (named and/or numbered) mediastinal stations.
- Pathology reports for curative pulmonary resection document the nodal stations examined by the pathologist documented in synoptic format.

Bibliography

Darling GE, Allen MS, Decker PA, et al. Randomized trial of mediastinal lymph node sampling versus complete lymphadenectomy during pulmonary resection in the patient with N0 or N1 (less than hilar) non-small cell carcinoma: Results of the American College of Surgery Oncology Group Z0030 Trial. *J Thorac Cardiovasc Surg.* 2011;141(3):662-670.

De Leyn P, Dooms C, Kuzdzal J et al. Revised ESTS guidelines for preoperative mediastinal lymph node staging for non-small-cell lung cancer. *Eur J Cardiothorac Surg.* 2014;45(5):787-98.

Krantz SB, Lufti W, Kuchta K, et al. Improved lymph node staging in early-stage lung cancer in the National Cancer Database. *Ann Thorac Surg.* 2017;104(6):1805-1814.

National Comprehensive Cancer Network. NCCN clinical practice guidelines: Non-small cell lung cancer. Version 6.2019. August 12, 2019.

Nelson H, Hunt KK, Veeramachaneni N, et al. *Operative Standards for Cancer Surgery, Volume I.* Chicago, IL: Wolters Kluwer; 2015.

Osarogiagbon RU, Sareen S, Eke R et al. Audit of lymphadenectomy in lung cancer resections using a specimen collection kit and checklist. *Ann Thorac Surg.* 2015;99(2):421-427.

Samayoa AX, Pezzi TA, Pezzi CM, et al. Rationale for a minimum number of lymph nodes removed with non-small cell lung cancer resection: Correlating the number of nodes removed with survival in 98,970 patients. *Ann Surg Oncol.* 2016;23(suppl 5):1005-1011.

Smeltzer MP, Faris NR, Ray MA, Osarogiagbon RU. Association of pathologic nodal staging quality with survival among patients with non-small cell lung cancer after resection with curative intent. *JAMA Oncol.* 2018;4(1):80-87.



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6 Data Surveillance and Systems

Rationale

High-quality data are critical to inform quality improvement and measure the performance of programs. All required cases must be submitted to the National Cancer Database (NCDB) using nationally standardized data item and coding definitions.

Data are validated through multiple mechanisms that are continuously updated to optimize the quality of the data collected.

6.1 Cancer Registry Quality Control

Definition and Requirements

High-quality cancer registry data are essential to accurately assess treatment outcomes and patient survival. Each calendar year, the cancer committee implements a policy and procedure to annually evaluate the quality of cancer registry data and activity, including procedures to monitor and evaluate each required control component.

The Cancer Registry Quality Coordinator works cooperatively with registry staff and other applicable departments to implement the quality control policy and procedure. The coordinator must monitor each area of cancer registry activity and recommends corrective action if any area falls below the measures specified in the plan. The results, recommendations, and outcomes of recommendations must be reported to the cancer committee at least annually and documented in the cancer committee minutes.

The quality control policy and procedure includes the following, at a minimum:

- A. Sets the review criteria
- B. Sets the quality control timetable
- C. Specifies the quality control methods, sources, and individuals involved. Specifications include:
 - Random sampling of annual analytic caseload
 - Review by designated person(s)
 - Reviewer(s) may be CTR(s), Advanced Practice Registered Nurse(s), Physician Assistant(s), physician(s), fellow(s), or resident(s)
 - CTRs cannot review their own cases
 - External audits (such as state or central cancer registry case-finding audits) may be used to fulfill part of this requirement
- D. Identifies the activities to be evaluated for all cases each year:
 1. Case finding
 2. Abstracting timeliness
 3. The percentage of information coded as unknown (usually coded as 9 or a string of 9s)
- E. Identifies the activities to be evaluated each year for the accuracy of abstracted data. A review of a minimum of 10 percent of the annual analytic caseload (up to 200 cases annually) is required each year for the accuracy of the following:
 1. Class of case
 2. Primary site
 3. Histology
 4. Grade
 5. American Joint Committee on Cancer (AJCC) Stage or other appropriate staging system as appropriate for cancer site
6. First course of treatment
7. Follow-up information, specifically:
 - Date of first recurrence
 - Type of first recurrence
 - Cancer status
 - Date of last cancer status
- F. Establishes the minimum quality benchmarks and required accuracy. Cancer registry data submitted to the NCDB meet the established quality and timeliness criteria included in the annual NCDB Call for Data.
- G. Maintains documentation of the quality control activity:
 - Review criteria
 - Cases reviewed
 - Identified data errors and resolutions
 - Reports the percentage of accuracy to the cancer committee annually of the review of elements listed in sections D and E above. The report must be documented in the cancer committee minutes.

Patient data reviewed under the cancer registry quality control plan for Standard 6.1 cannot be used as an in-depth analysis review for compliance to Standard 7.2: Monitoring Compliance with Evidence-Based Guidelines.

Documentation

Submitted with Pre-Review Questionnaire

- A quality control policy and procedure, which includes the process for resolving conflicts identified during the quality control review.
- If utilized, any audit reports from the state or central registry that were used in the evaluation of the cancer registry data
- Cancer committee minutes documenting that the results of the annual quality control evaluation were presented and reviewed by the cancer committee

Note: Documentation uploaded into the Pre-Review Questionnaire must have all protected health information removed.

It is expected that programs follow local, state, and federal requirements related to patient privacy, risk management, and peer review for all standards of accreditation. These requirements vary state-to-state.

Measure of Compliance

Each calendar year, the cancer program fulfills all of the compliance criteria:

1. The cancer committee implements a quality control policy and procedure to evaluate the required areas of the cancer registry.
2. The Cancer Registry Quality Control Coordinator, under the direction of the cancer committee, performs or oversees the required quality control review as outlined in the policy and procedure.
3. The results, recommendations, and outcomes of recommendations are reported to the cancer committee and documented in the cancer committee meeting minutes.

Bibliography

M.N. Jones, J.H. Andrews. Chapter 18: Quality Control. In: *Cancer Registry Management: Principles & Practice for Hospitals and Central Registries*. 3rd ed. Alexandria, VA; 2011.

STANDARD RETIRED IN 2021

6.2 Data Submission

Definition and Requirements

Data submitted to the National Cancer Database (NCDB) are used to provide feedback to assess the quality of patient care. This feedback enables cancer programs to compare treatment and outcomes with regional, state, and national patterns of care.

The NCDB is a nationwide oncology outcomes database used as a clinical surveillance mechanism to monitor changes and variations in patterns of cancer care and patient outcomes. NCDB data serves as useful benchmarks for patient care and continuous quality improvement for cancer programs.

Each calendar year, complete data for all requested analytic cases are submitted to the NCDB in accordance with the annual Call for Data. Data submission to the NCDB must be performed by using the Commission on Cancer's secure online data submission application in accordance with the annual Call for Data specifications.

After the initial site visit of a new program is completed and accreditation is awarded, the program submits data to the NCDB for all applicable years currently accepted by the NCDB. New programs will submit all analytic cases for any diagnosis years beginning with its Reference Date. Data are submitted, and errors and rejected records are corrected (Standard 6.3).

Documentation

The facility submits data as required for compliance by the NCDB.

Measure of Compliance

The cancer program fulfills all of the compliance criteria:

1. Complete data for all requested analytic cases are submitted to the NCDB in accordance with the annual Call for Data specifications.

STANDARD RETIRED IN 2021

6.3 Data Accuracy

Definition and Requirements

Accurate data are necessary for meaningful comparison of treatment and patient outcomes. These data are the basis for the feedback provided to cancer programs.

As part of its annual Call for Data, the National Cancer Database (NCDB) will document the conditions that will cause the cases submitted to the NCDB to be rejected. Rejected cases do not meet specified data quality criteria. Standardized, nationally accepted data edits are applied to all analytic cases submitted. The reporting registry is notified of the problematic cases through an edit report. The reporting registry must correct outstanding data quality errors and resolve errors resulting in rejected records.

Each year, the cases satisfy the established quality criteria by the deadline specified in each Call for Data specification. Problematic cases are corrected and resubmitted according to the Call for Data specifications. The cancer committee monitors the resolution and resubmission of problematic cases (Standard 6.1).

Documentation

The facility submits data as required for compliance by the NCDB.

Measure of Compliance

The cancer program fulfills all of the compliance criteria:

1. The cases meet the quality criteria as defined in the annual Call for Data specifications on the initial submission.
2. If cases submitted do not meet the quality criteria on initial submission then identified errors in submitted cases and rejected records are corrected and resubmitted by the due date specified.

6.4 Rapid Cancer Reporting System: Data Submission

Definition and Requirements

The Rapid Cancer Reporting System (RCRS) enables accredited cancer programs to report data on patients concurrently and receive notifications of treatment expectations. This tool presents performance rates for each CoC quality measure for individual programs as well as comparison with the state, other hospital groups, and hospitals at the national level.

The cancer program actively participates in RCRS, submits all required cases, and adheres to the RCRS terms and conditions. All new and updated cancer cases are submitted at least once each calendar month according to the RCRS terms and conditions. A calendar month is defined as the first day of the month through the last day of the month (for example, March 1 to March 31). Once each calendar year, programs submit all complete analytic cases for all disease sites via RCRS as specified by the annual Call for Data.

Programs must actively participate in RCRS submissions and adhere to the RCRS requirements through the entire accreditation cycle. The full details for RCRS participation are provided in the RCRS terms and conditions available on the National Cancer Database website.

RCRS data and required quality measure performance rates must be reported to the cancer committee at least twice each calendar year. The Cancer Liaison Physician may report RCRS data and performance in partial fulfillment of the requirement for Standard 2.2.

Documentation

Submitted with Pre-Review Questionnaire

- Cancer committee minutes documenting reports at two separate meetings each year on RCRS data and performance

Measure of Compliance

Each calendar year, the cancer program fulfills the compliance criteria:

1. All new and updated cancer cases are submitted at least once each calendar month.
2. All complete analytic cases for all disease sites are submitted via RCRS as specified by the annual Call for Data.
3. Rapid Cancer Reporting System data and required quality measure performance rates are reviewed by the cancer committee at least twice each calendar year and are documented in the cancer committee minutes.

6.5 Follow-Up of Patients

Definition and Requirements

Long-term follow-up is essential to evaluate outcomes of cancer care. Accurate follow-up data enables the program to compare outcomes with regional, state, or national statistics. Follow-up information is obtained at least annually for all analytic cases of living patients included in the cancer registry database.

For all eligible cases, an 80 percent follow-up rate is maintained from the most current year of completed cases through 15 years before or the program's first accreditation date, whichever is shorter. A 90 percent follow-up rate is maintained from the most current year of completed cases through five years before or the program's first accreditation date, whichever is shorter.

All reportable cases are followed up, except the following:

- Residents of foreign countries
- Cases reportable by agreement
- Patients whose age exceeds 100 years and who are without contact for more than 12 months
- Analytic cases Class of Case 00

“Most current year of completed cases” is defined as cases diagnosed three years before the current calendar year. For example, in calendar year 2022, the window for long-term follow up would be cases diagnosed 2005–2019 (80 percent required). The window for short-term follow up is 2015–2019 (90 percent required).

Methods to obtain follow-up information include, but are not limited to, the following:

- Following or managing physician(s)
- Program inpatient or outpatient services
- Pathology reports or death certificates
- Internet sources (such as death index, patient locator software, obituary listings)
- Communication with other facilities

The cancer committee monitors the use of unknown values to ensure complete data reporting. This monitoring is extremely important for information describing the date of first recurrence, type of first recurrence, and cancer status.

It is expected that all CoC-accredited programs will provide treatment or follow-up information and assistance to the referring cancer programs.

Documentation

Reviewed On-Site

- The site reviewer will review the current follow-up report.

Measure of Compliance

The cancer program fulfills all of the compliance criteria:

1. An 80 percent follow-up rate is maintained for all eligible analytic cases from the most current year of completed cases through 15 years before or the program's first accreditation date, whichever is shorter.
2. A 90 percent follow up rate is maintained for all analytic cases diagnosed from the most current year of completed cases through five years before or the program's first accredited date, whichever is shorter.



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7 Quality Improvement

Rationale

Problem resolution, outcomes improvement, and assurances of patient safety must be readily identifiable through structured quality improvement initiatives. In support of these efforts, the cancer program must develop a culture of collaboration in order to analyze and implement strategies based on data to drive improvement in the quality of care. Continuous quality improvement must be reflected in the results of such efforts.

7.1 Accountability and Quality Improvement Measures

Definition and Requirements

The Commission on Cancer (CoC) requires accredited cancer programs to treat cancer patients according to nationally accepted accountability and quality improvement measures indicated by the CoC quality reporting tool.

The cancer committee monitors the program's expected Estimated Performance Rates for accountability and quality improvement measures selected annually by the CoC. Details on the quality measures for this standard may be referenced on the National Cancer Database (NCDB) website which includes measure specifications, years for performance evaluation, and quality measure performance thresholds for this standard. Facility performance rates for these quality measures will be extracted from the NCDB reporting tools.

If the cancer program is not meeting the expected EPR of a measure(s), then a corrective action plan must be developed and executed in order to improve performance. The corrective action plan must document how the program will investigate the issue for each measure with the goal of resolving the deficiency and improving compliance.

The cancer committee's review of compliance with required accountability and quality improvement measures and monitoring activity is documented in the cancer committee minutes. The action plan and any corrective action taken are included in the documentation.

Programs with no cases eligible for assessment in a selected measure are exempt from requirements for that individual measure.

Documentation

Submitted with Pre-Review Questionnaire

- Cancer committee minutes documenting the presentation and review of required accountability and quality improvement measures; documentation includes any required action plans

Note: Documentation uploaded into the Pre-Review Questionnaire must have all protected health information removed.

It is expected that programs follow local, state, and federal requirements related to patient privacy, risk management, and peer review for all standards of accreditation. These requirements vary state-to-state.

Measure of Compliance

Each calendar year, the cancer program fulfills all of the compliance criteria:

1. The cancer committee monitors the program's expected Estimated Performance Rates for accountability and quality improvement measures selected by the CoC.
2. The monitoring activity is documented in the cancer committee minutes.
3. For each accountability and quality improvement measure selected by the CoC, the quality reporting tools show a performance rate equal to or greater than the expected EPR specified by the CoC. If the expected EPR is not met, the program has implemented an action plan that reviews and addresses program performance below the expected EPR.

7.2 Monitoring Concordance with Evidence-Based Guidelines

Definition and Requirements

Each calendar year, a physician performs an in-depth analysis of the diagnostic evaluation and treatment of individual patients to determine whether it is concordant with recognized evidence-based national guidelines. The study must be a retrospective review of individual patient evaluation and treatment information, which includes a patient medical record review. The study and results are presented to the cancer committee and documented in cancer committee minutes.

The annual in-depth analysis must include all of the following components:

1. The choice of a patient population to review. Sources for the assessment must include one of the following study topics:
 - All cases from a specific cancer site (or stage within that site), to a maximum of 100 cases OR
 - An identified need or concern within a specific cancer site or stage of cancer
2. Through a review of each patient, which includes review of the medical record, a determination whether the pre-treatment initial diagnostic evaluation process is concordant with evidence-based national treatment guidelines for each patient being reviewed. Initial evaluation indicated will differ by cancer site. However, review of the initial evaluation should include pathology, diagnostic imaging, laboratory tests, and consultations recommended within the specific guideline(s) being reviewed.
3. Through a review of each patient, which includes review of the medical record, a determination whether the first course of treatment is appropriate for the stage of disease or prognostic indicators and is concordant with evidence-based national treatment guidelines for each patient being reviewed.
4. A reporting format that permits analysis and provides an opportunity to recommend performance improvements based on data from the analysis.
5. A presentation of a report detailing all required elements of the study, including the results of the analysis, to the cancer committee. The report is documented in the cancer committee minutes. The documentation includes any recommendations for improvement.

Analysis and treatment discussions for patients at multidisciplinary cancer case conferences do not fulfill the requirements for Standard 7.2. Any problems identified with the diagnostic evaluation or treatment planning process may serve as a source for a quality project under Standard 7.3: Quality Improvement Initiative.

Documentation

Submitted with Pre-Review Questionnaire

- A report of the in-depth analysis which documents the completed analysis, including identification of the patient population reviewed, methodology, and results
- Cancer committee minutes that document that the conclusions and the results of the analysis were reported and any recommendations for improvement

Note: Documentation uploaded into the Pre-Review Questionnaire must have all protected health information removed.

It is expected that programs follow local, state, and federal requirements related to patient privacy, risk management, and peer review for all standards of accreditation. These requirements vary state-to-state.

Measure of Compliance

Each calendar year, the cancer program fulfills all of the compliance criteria:

1. A physician conducts an in-depth analysis to determine whether initial diagnostic evaluation and first course of treatment provided to patients is concordant with evidence-based national treatment guidelines.
2. The report detailing all required elements of the study, including the results of the analysis and any recommendations for improvement, are reported to the cancer committee and documented in the cancer committee minutes.

Bibliography

Rocque GB, Williams CP, Kenzik KM, et al. Concordance with NCCN treatment guidelines: Relations with health care utilization, cost, and mortality in breast cancer patients with secondary metastasis. *Cancer*. 2018;124(21):4231-4240.

Ahmed HZ, Liu Y, O'Connell K, et al. Guideline-concordant care improves overall survival for locally advanced non-small-cell lung carcinoma patients: A National Cancer Database analysis. *Clin Lung Cancer*. 2017;18(6):706-718.

Zhao H, Zhang N, Ho V, et al. Adherence to treatment guidelines and survival for older patients with stage II or III colon cancer in Texas from 2001 through 2011. *Cancer*. 2018;124(4):679-687.

Nadpara PA, Madhavan SS, Tworek C, Sambamoorthi U, Hendryx M, Almubarak M. Guideline-concordant lung cancer care and associated health outcomes among elderly patients in the United States. *J Geriatr Oncol*. 2015;6(2):101-110.

7.3 Quality Improvement Initiative

Definition and Requirements

Under the guidance of the Cancer Liaison Physician (CLP), the Quality Improvement Coordinator, and the cancer committee, the cancer program must measure, evaluate, and improve its performance through at least one cancer-specific quality improvement initiative each year.

This quality improvement (QI) initiative requires the program to identify a problem, understand what is causing the identified problem through use of a recognized performance improvement methodology, and implement a planned solution to the problem. Reports on the status of the QI initiative must be given to the cancer committee at least twice each calendar year and documented in the cancer committee minutes.

Quality Improvement Initiative Required Components

1. Review Data to Identify the Problem

The QI initiative must be focused on an already identified, quality-related problem specific to the cancer program.

The following (in order of preference) may be used to identify the focus of the QI initiative:

- Problems identified in a National Cancer Database (NCDB) accountability or quality improvement measure
- Problems identified in a Standard 7.2: Monitoring Compliance with Evidence Based Guidelines study
- Problems identified through annual review of clinical services in other CoC standards (for example, palliative care services, genetics services, operative standards)
- Problems identified through National Accreditation Program for Rectal Cancer or National Accreditation Program for Breast Centers accreditation initiatives
- Problems identified through review of NCDB data, including Cancer Quality Improvement Program (CQIP)
- Any other cancer-specific, quality-related problem determined by the cancer committee

2. Write the Problem Statement

The QI initiative must have a problem statement. The problem statement must identify:

- A specific, already identified, quality-related problem specific to the cancer program to solve through the QI initiative
- The baseline and goal metrics (must be numerical)
- Anticipated timeline for completing the QI initiative and achieving the expected outcome

The problem statement cannot state that a study is being done to see if a problem exists, rather it must already be known that a problem exists.

3. Choose and Implement Performance Improvement Methodology and Metrics

The Quality Improvement Coordinator and the CLP must identify the content experts needed to execute the QI initiative. For example, if the QI initiative is on the BCSRT accountability measure, then at least one breast surgeon and one radiation oncologist are included on the initiative team.

A recognized, standardized performance improvement tool must be chosen and used to conduct the QI initiative (for example, Lean, DMAIC, or PDCA/PDSA).

In line with the performance improvement tool selected, the team conducts analysis to identify all possible factors contributing to the problem. This may involve a literature review and/or a root-cause analysis. Based on the results, an intervention is developed that aims to fix the cause of the problem being studied.

It is recommended that a project calendar is identified, which includes the initiative's launch date, when status updates will be given at cancer committee meetings, and a goal wrap-up date.

QI initiatives should last approximately one year. But if additional time is needed, it may be extended for a second year (for a total of two years). However, a new initiative must be started at the beginning of each calendar year even if a previous QI initiative is still in progress. If the QI initiative will extend into the second year, then a status update to the cancer committee must be given at the last meeting of the first calendar year.

4. Implement Intervention and Monitor Data

The intervention chosen in step three must be implemented. If oversight of the implementation suggests the intervention is not working, then it must be modified.

5. Present Quality Improvement Initiative Summary

Once the initiative has been completed, a document summarizing the initiative and the results must be presented and discussed with the cancer committee and documented in the cancer committee minutes. If possible, results are compared with national data.

The summary presentation must include:

- Summary of the data reviewed to identify the problem to study
- The problem statement
- The QI initiative team members
- Performance improvement tool utilized
- The intervention implemented
- If applicable, any adjustments made to the intervention
- Results of the implemented intervention

Cancer Committee Reports

The CLP or the Quality Improvement Coordinator must provide updates to the cancer committee on the QI initiative's status at least twice each calendar year. Status updates, at a minimum, indicate the current status of the QI initiative and any planned next steps. The final summary and results report may qualify as one of the required reports.

3. A final presentation of a summary of the quality improvement initiative is presented after the QI initiative is complete. The summary presentation includes all required elements.

Bibliography

Scholtes PR, Joiner BL, Streibel BJ. Teams using tools to solve problems. In: Scholtes PR, Joiner BL, Streibel BJ. *The Team Handbook*. 3rd ed. Edison, NJ: One Quality Place; 2010.

Hoyt DB, Ko CY. *Optimal Resources for Surgical Quality and Safety*. Chicago, IL: American College of Surgeons; 2017.

Documentation

Reviewed On-Site

- Documentation of QI initiative team's work from throughout the initiative (for example, minutes, literature used).

Submitted with Pre-Review Questionnaire

- Document summarizing at least one QI initiative each calendar year, which includes all required elements
- Cancer committee minutes documenting required status updates and presentation of the QI initiative summary

Note: Documentation uploaded into the Pre-Review Questionnaire must have all protected health information removed.

It is expected that programs follow local, state, and federal requirements related to patient privacy, risk management, and peer review for all standards of accreditation. These requirements vary state-to-state.

Measure of Compliance

Each calendar year, the cancer program fulfills all of the compliance criteria:

1. One quality improvement initiative based on an identified quality-related problem is initiated each year. The QI initiative documentation includes how it measured, evaluated, and improved performance through implementation of a recognized, standardized performance improvement tool.
2. Status updates are provided to the cancer committee two times. Reports are documented in the cancer committee minutes.

7.4 Cancer Program Goal

Definition and Requirements

Annual goal setting provides direction for the strategic planning of cancer program activities. Each calendar year, the cancer program establishes, and documents in the cancer committee minutes, one cancer program goal appropriate and relevant to the cancer program and its patient population.

It is recommended the goal-setting tool known as SMART (Specific, Measurable, Achievable, Realistic, and Timely) be used when establishing the goal. Goals must be directed toward the scope, coordination, practices, processes, and provision of services for cancer care at the program.

The cancer committee must document substantive status updates on goal progress at two subsequent meetings after the goal's establishment in the same calendar year. For example, the status update may include any progress made, road blocks encountered, or a description of any necessary next steps.

Goals should last approximately one year. If additional time is needed, a goal may be extended for a second year (for a total of two years). However, a new goal must be established at the beginning of each calendar year even if a previous goal is still in progress. If the goal will extend into the second year, then a status update must be provided at the last meeting of the first calendar year. Additionally, there must be at least one additional status update documented in the cancer committee minutes during the second year. By the end of the second year, the cancer program must document in the cancer committee minutes that the goal is either completed or retired.

A goal established under this standard cannot duplicate requirements or be an improvement on requirements from another standard or be a program or initiative submitted to meet requirements of another standard.

Documentation

Submitted with Pre-Review Questionnaire

- Cancer committee minutes documenting the establishment and status updates of the cancer program goal

Measure of Compliance

Each calendar year, the cancer program fulfills all of the compliance criteria:

1. One cancer program goal is established and documented in the cancer committee minutes.
2. At least two substantive status updates on goal progress are documented in the cancer committee minutes in the same calendar year as its establishment.
3. For any goal extended into a second year, at least one status update is documented in the minutes during the second year to indicate whether the goal was completed or retired.

Bibliography

Collins J. *Good to Great: Why Some Companies Make the Leap and Others Don't*. New York, New York: HarperCollins Publishers Inc.; 2001.

Kotter, J, Rathgeber, H. *Our Iceberg is Melting: Changing and Succeeding under any Conditions*. 2nd ed. New York: Penguin Random House; 2017.

Pink, DH. *Drive: The Surprising Truth about What Motivates Us*. New York, New York: Riverhead Books; 2009.



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8 Education: Professional and Community Outreach

Rationale

Part of being a quality cancer program is not only addressing the program's current patients, but also those in the community who may develop cancer or have difficulty receiving cancer treatment.

Outreach to the community through screening and prevention events aids in reducing the risk of developing cancer and in diagnosing cancer at an earlier stage than it might be otherwise.

8.1 Addressing Barriers to Care

Definition and Requirements

Each calendar year, the cancer committee identifies at least one patient-, system-, or provider-based barrier to accessing health and/or psychosocial care that its patients with cancer are facing and develops and implements a plan to address the barrier.

Cancer Barriers Analysis

The cancer committee reviews and analyzes the strengths and barriers of the cancer program. Resources for identifying strengths and barriers may include, but are not limited to:

- Cancer Quality Improvement Program (CQIP) reports
- Cancer patient satisfaction surveys
- Patient focus groups
- Use of state cancer registry data compared to cancer program data
 - Is the cancer program treating the main cancers that occur in its area?
 - Are vulnerable populations being reached?
- Population health resources from public health work done locally and regionally
- Community Needs Assessment
- Analysis of unique features of the cancer program and/or state (for example, affordable or adequate lodging for patients receiving care at a rural facility)

Identification of Barriers

Each calendar year, the cancer committee identifies barriers that are specific to the cancer program and chooses one to focus on for the upcoming year. Examples include, but are not limited to:

- Gaps in community resources
- Identified populations in need
- Uninsured or underinsured
- Health care provider shortages

Each calendar year, the cancer committee minutes document a report that includes all required elements:

- What barrier was chosen
- What resources/processes were utilized to identify and address this barrier
- Metrics related to outcomes of reducing the chosen barrier

Documentation

Submitted with Pre-Review Questionnaire

- Cancer committee minutes documenting the required report to the cancer committee

Measure of Compliance

Each calendar year, the program fulfills the compliance criteria:

1. The cancer committee identifies at least one barrier to focus on for the year and identifies resources and processes to address the barrier.
2. At the end of the year, the cancer committee evaluates the resources and processes adopted to address the barrier to care and identifies strengths and areas for improvement.
3. The cancer committee minutes include all required elements.

Bibliography

Abbott DE, Voils CL, Fisher DA, Greenberg CC, Safdar N. Socioeconomic disparities, financial toxicity, and opportunities for enhanced system efficiencies for patients with cancer. *J. Surg. Oncol.* 2017;115(3):250-256.

American Cancer Society. Cancer Treatment & Survivorship Facts & Figures 2019-2021. Atlanta: American Cancer Society; 2019.

Charlton M, Schlichting J, Chioreso C, Ward M, Vikas P. Challenges of rural cancer care in the United States. *Oncology.* 2015;29(9):633-640.

Dilworth S, Higgin I, Parker V, Kelly B, Turner J. Patient and health professional's perceived barriers to the delivery of psychosocial care to adults with cancer: A systematic review. *Psychooncology.* 2014;23(6):601-612.

Shockney L, ed. *Team-Based Oncology Care: The Pivotal Role of Oncology Navigation*. Cham, Switzerland: Springer International Publishing; 2018.

8.2 Cancer Prevention Event

Definition and Requirements

According to the National Cancer Institute, cancer prevention is “action taken to decrease the chance of getting a disease or condition. For example, cancer prevention includes avoiding risk factors (such as smoking, obesity, lack of exercise, and radiation exposure) and increasing protective factors (such as getting regular physical activity, vaccination, staying at a healthy weight, and having a healthy diet).”

The cancer committee holds at least one event each year focused on decreasing the number of diagnoses of cancer. It is recommended, but not required, that the cancer committee partner with a community organization to hold the event. Examples of community organizations include, but are not limited to, a church, a school, the American Cancer Society, or a health district.

Prevention events focus on at least one of two intended results: (1) a change in behavior that reduces the risk a cancer will develop, and/or (2) an increase in the participant’s knowledge and awareness of cancer risks.

Examples of behavioral risk reduction events include, but are not limited to:

- Smoking/tobacco/vaping cessation
- Alcohol avoidance
- Nutrition, physical activity, and weight loss programs
- HPV vaccinations
- Radon exposure reduction
- Avoidance of sun exposure
- Chemoprevention

Cancer education and risk awareness lectures or events are considered a prevention activity when they address one of the above behavioral risk reduction areas.

The planned event must be consistent with evidence-based national guidelines and interventions, where applicable. Potential sources for evidence-based national guidelines and interventions include, but are not limited to:

- Agency for Healthcare Research and Quality
- American Cancer Society
- Cancer Control P.L.A.N.E.T.
- National Cancer Institute
- Centers for Disease Control and Prevention
- American Institute for Cancer Research/World Cancer Research Fund
- U.S. Preventive Services Task Force Recommendations

Examples of non-compliant events include, but are not limited to:

- Programs held only on the Internet, through social media, or through a mail campaign without real-time interaction with participants
- Prevention education given in the regular course of business
- Events or programs that educate about cancer screening or reduction of late-stage at diagnosis

Cancer Committee Report

A summary of the event must be presented to and discussed by the cancer committee that includes the following:

- The cancer site(s) on which the event focused
- The partnering community organization (where applicable)
- Target audience
- Guideline(s) used in planning the prevention event (where applicable)
- The type of prevention event held (behavioral risk reduction or cancer education/risk awareness lecture)

While it is encouraged that cancer programs hold as many cancer prevention events as appropriate for their needs, only one event is submitted for purposes of this standard.

Documentation

Submitted with Pre-Review Questionnaire

- Cancer committee minutes that document all required elements of the cancer prevention event

Measure of Compliance

Each calendar year, the cancer program fulfills all of the compliance criteria:

1. The cancer committee offers at least one cancer prevention event.
2. Where applicable, the cancer prevention event is consistent with evidence-based national guidelines and interventions.
3. A summary of the cancer prevention event is presented to the cancer committee and documented in the cancer committee minutes.

Bibliography

American Cancer Society. Glossary: Definitions & Phonetic Pronunciations. Available at: <https://www.cancer.org/cancer/glossary.html#alpha-p>. Accessed August 16, 2019.

National Cancer Institute. NCI Dictionary of Cancer. Available at: <https://www.cancer.gov/publications/dictionaries/cancer-terms?expand=P>. Accessed August 16, 2019.

Tobacco Use and Dependence Guideline Panel. Treating Tobacco Use and Dependence: 2008 Update. Rockville (MD): US Department of Health and Human Services; 2008 May. Available at: <https://www.ncbi.nlm.nih.gov/books/NBK63952/>. Accessed September 12, 2019.

U.S. Preventive Services Task Force. Tobacco Smoking Cessation in Adults, Including Pregnant Women: Behavioral and Pharmacotherapy. Available at: <https://www.uspreventiveservicestaskforce.org/Page/Document/RecommendationStatementFinal/tobacco-use-in-adults-and-pregnant-women-counseling-and-interventions1>. Accessed August 16, 2019.

Centers for Disease Control and Prevention. Health Effects of Cigarette Smoking. Available at: https://www.cdc.gov/tobacco/data_statistics/fact_sheets/health_effects/effects_cig_smoking/index.htm. Accessed August 16, 2019.

Islami F, Goding Sauer A, Miller KD, et al. Proportion and number of cancer cases and deaths attributable to potentially modifiable risk factors in the United States. *CA Cancer J Clin*. 2018;68(1):31-54.

Siegel RL, Miller KD, Jemal A. Cancer Statistics, 2019. *CA Cancer J Clin*. 2019;69:7-34.

Colditz GA, Emmons KM. Accelerating the pace of cancer prevention—right now. *Cancer Prev Res*. 11(4):171184.

Emmons KM, Colditz GA. Realizing the potential of cancer prevention: The role of implementation science. *N Engl J Med*. 2017;376(10):986-990.

Frieden TR, Myers JE, Krauskopf MS, Farley TA. A public health approach to winning the war against cancer. *Oncologist*. 2008;13(12):1306-1313.

8.3 Cancer Screening Event

Definition and Requirements

Cancer screening events apply screening guidelines to detect cancers at an early stage, which improves the likelihood of increased survival and decreased morbidity.

The cancer committee holds at least one event each year focused on decreasing the number of individuals who present with late-stage cancer. It is recommended, but not required, that the cancer committee partner with a community organization to hold the event. Examples of community organizations include, but are not limited to, a church, a school, the American Cancer Society, or a health district.

Examples of screening events include, but are not limited to:

- Breast (imaging and physical examination)
- Colon (colonoscopy, flexible sigmoidoscopy, fecal immunochemical testing, or fecal occult blood testing)
- Cervical (Papanicolaou testing with or without HPV DNA testing)
- Skin (clinician-directed total body skin exams)
- Lung (low-dose computed tomography)
- Head and neck (oral examination)

The planned event must be based on evidence-based national guidelines and interventions, where applicable, and have a formal process for follow up on all positive findings.

Resources for evidence-based national guidelines and interventions include, but are not limited to:

- Agency for Healthcare Research and Quality
- American Cancer Society
- American Society of Clinical Oncology
- National Comprehensive Cancer Network
- National Cancer Institute
- National Colorectal Cancer Roundtable

Examples of non-compliant programs/events include, but are not limited to:

- Screening programs performed in the regular course of business
- Events or programs that educate about cancer screening or reduction of stage at diagnosis that do not provide an actual screening

Cancer Committee Report

A summary of the event must be presented to and discussed by the cancer committee that includes the following:

- The cancer site on which the event focused
- The partnering community organization (where applicable)

- Target audience
- Guideline(s) used in planning the screening event (where applicable)
- The process for follow up for all positive findings

While it is encouraged that cancer programs hold as many cancer screening events as appropriate for their needs, only one event is submitted for purposes of this standard.

Documentation

Submitted with Pre-Review Questionnaire

- Cancer committee minutes that document all required elements of the cancer screening event

Measure of Compliance

Each calendar year, the cancer program fulfills all of the compliance criteria:

1. The cancer committee offers at least one cancer screening event.
2. Where applicable, the cancer screening event is consistent with evidence-based national guidelines and interventions.
3. The cancer screening event has a process for follow up on all positive findings.
4. A summary of the cancer screening event is presented to the cancer committee and documented in the cancer committee minutes.

Bibliography

Siegel RL, Miller KD, Jemal A. Cancer Statistics, 2019. *CA Cancer J Clin.* 2019;69:7-34.

Sabatino SA, Lawrence B, Elder R, et al. Effectiveness of interventions to increase screening for breast, cervical, and colorectal cancers: Nine updated systematic reviews for The Guide to Community Preventive Services. *Am J Prev Med.* 2012;43(1):765-786.

Brouwers MC, De Vito C, Bahirathan L, et al. Effective interventions to increase the uptake of breast, cervical and colorectal cancer screening: An implementation guideline. *Implement Sci.* 2011;6:112.



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9 Research

Rationale

Clinical research advances science and assists with ensuring that patient care approaches the highest possible level of quality.

9.1 Clinical Research Accrual

Definition and Requirements

As prescribed for cancer program category, the required percentage of subjects is accrued to eligible cancer-related clinical research studies each calendar year. The Clinical Research Coordinator documents and reports clinical research information and the annual enrollment in clinical research studies to the cancer committee each calendar year.

Clinical Research Information and Screening Processes

The cancer program must establish a screening policy and procedure to identify participant eligibility for clinical research studies and how to provide clinical research information to subjects. Through the Clinical Research Coordinator, the cancer committee evaluates and assesses the eligibility and screening processes to identify and address barriers to enrollment and participation.

Cancer-Related Research Studies Eligible for Accrual

Research studies eligible to count as accruals must: (1) be cancer-related, (2) be approved by an internal or external Institutional Review Board (IRB) that is responsible for the review and oversight of the research study, and (3) have informed, written patient/subject consent (unless consent is waived by the IRB).

Categories of cancer-related clinical research studies eligible for accrual:

- Basic Science
- Device Feasibility
- Diagnostic
- Health Services Research
- Prevention
- Screening
- Supportive Care
- Treatment

Definitions for these categories may be found on the National Cancer Institute Clinical Trial Reporting Program User Guide (see Primary Purpose Value Definitions).

Additional categories of cancer-related clinical research studies for accrual are:

- Cancer-specific biorepositories or tissue banks
Cancer specific-biobanks that collect cancer tissue or blood samples specifically for cancer research purposes
- Economics of care related to cancer care
Assesses the costs and effectiveness of cancer interventions and/or analyzes the financial impact of oncology care on patients

- Genetic studies
Studies that examine contributing genes or how different exposures could modify the effect of a gene mutation that may be at risk for cancer development OR genetic assessments that examine genetic polymorphisms and mutations for early risk assessment
- Patient registries with an underlying cancer research focus
Epidemiological studies. Must have underlying cancer research focus

Humanitarian Use Devices studies cannot be counted as an accrual under this standard.

Calculating Compliance

The denominator used to calculate compliance with this standard is the number of annual analytic cases. The numerator is the number of subjects enrolled in eligible research studies who were:

- Diagnosed and/or treated at your program or facility and enrolled in a cancer-related clinical research study within your program or facility,
- Diagnosed and/or treated at your program or facility and enrolled in a cancer-related clinical research study within a staff physician's office of your program or facility,
- Diagnosed and/or treated at the program or facility, then referred by your program or facility for enrollment onto a cancer-related clinical research study through another program or facility, or
- Referred to your program or facility for enrollment onto a cancer-related clinical research study through another program or facility

Researchers and clinical trial investigators who accept referral of subjects from other programs for the purpose of participation in a cancer-related research study must cooperate with the data management team of the cancer program from which the patient was referred.

If a subject is enrolled in two different trials/studies, then the subject may be counted in the numerator twice. However, it qualifies as one accrual if one subject is enrolled into two arms of one protocol or one subject is enrolled into a sub-study of one protocol.

Minimum required accrual percentages each calendar year:

Category	Percentage Requirement
ACAD	6
CCCP	4
CCP	2
FCCP	2
HACP	Exempt
INCP	6
NCIP	Exempt
PCP	30
VACP	2

Clinical Research Coordinator

The Clinical Research Coordinator must track and report to the cancer committee:

- The specific clinical research studies where subjects were accrued, including the trial/study name and, when applicable, the clinicaltrials.gov trial number
- Number of subjects accrued to each individual clinical research study
- Open clinical research studies with identification of those with a nearing end date
- New trials that will be added
- If the required accrual percentage is not met, the report identifies contributing factors and identifies an action plan to address those factors

The report and analysis must be documented in the cancer committee minutes.

Documentation

Reviewed On-Site

- Tracking documents that detail the number of subjects accrued to specific clinical research studies

Submitted with Pre-Review Questionnaire

- Cancer committee minutes documenting the Clinical Research Coordinator's report that includes all required elements
- Policy and procedure for screening patients for clinical research studies and for providing subjects with information on clinical research studies

Note: Documentation uploaded into the Pre-Review Questionnaire must have all protected health information removed.

It is expected that programs follow local, state, and federal requirements related to patient privacy, risk management, and peer review for all standards of accreditation. These requirements vary state-to-state.

Measure of Compliance

Each calendar year, the cancer program fulfills all of the compliance criteria:

1. The program has a screening policy and procedure to identify participant eligibility for clinical research studies and how to provide clinical trial information to subjects. These processes are assessed to identify and address barriers to enrollment and participation.
2. The number of accruals to cancer-related clinical research studies meets or exceeds the required percentage.
3. The Clinical Research Coordinator reports all required information to the cancer committee and the report is documented in the cancer committee minutes.

Bibliography

Unger JM, Moseley A, Symington B, et al. Geographic distribution and survival outcomes for rural patients with cancer treated in clinical trials. *JAMA Netw. Open.* 2018;1(4):e181235.

Krzyzanowska MK, Kaplan R, Sullivan R. How may clinical research improve healthcare outcomes? *Ann Oncol.* 2011;22(Suppl 7):vii10-vii15.

Chow CJ, Habermann EB, Abraham A, et al. Does enrollment in cancer trials improve survival? *J Am Coll Surg.* 2013;216(4):774-780.

Brennan M, Gass P, Haberle L, et al. The effect of participation in neoadjuvant clinical trials on outcomes in patients with early breast cancer. *Breast Cancer Res Treat.* 2018;171(3):747-758.

9.2 Commission on Cancer Special Studies

Definition and Requirements

Hypothesis-based special studies are designed to evaluate patient care, set benchmarks, and provide feedback to improve patient care in cancer programs.

The Commission on Cancer (CoC) will periodically design and conduct special studies. Based on study criteria, selected accredited programs will be required to participate in each study for standard compliance.

The cases included in the study and due date will be specified in the study documentation provided by the CoC.

To fulfill the standard, all selected programs must submit all requested information for the cases identified by the specified deadline.

Documentation

The program uploads all required documentation or data as required for the special study.

Measure of Compliance

As requested, the cancer program fulfills all of the compliance criteria:

1. The program participates in each special study.
2. Complete data and documentation are submitted by the established deadline for each special study.

Specifications by Category

Requirements for established INCPs and NCINs through 2022.

Integrated Network Cancer Program (INCP)

STANDARD 1.1: Administrative Commitment The letter also addresses the organizational structure and processes that facilitate integration among the programs in the network.

STANDARD 6.1: Cancer Registry Quality Control Policy The minimum requirement of a 10 percent review (up to 200 cases annually) applies to each facility within a network.

STANDARD 7.1: Accountability and Quality Improvement Measures Expected EPRs for facilities that are part of an INCP are evaluated individually and as an INCP overall. Each facility that is part of an INCP/NCIN is required to individually meet all expected EPRs, and the INCP/NCIN as an entire program is also required to meet all expected EPRs.

STANDARD 9.1: Cancer Research Accrual Clinical research accrual percentages are calculated based on cumulative accrual percentage met collectively across the network facilities.

NCI-Designated Network Cancer Program (NCIN)

STANDARD 2.1: Cancer Committee NCIN facilities are exempt from this standard of accreditation.

STANDARD 2.4: Cancer Committee Attendance NCIN facilities are exempt from this standard of accreditation.

STANDARD 2.5: Multidisciplinary Cancer Case Conference NCIN facilities are exempt from this standard of accreditation.

STANDARD 3.1: Facility Accreditation Documentation from the National Cancer Institute P30 grant substitutes for documentation of facility accreditation. The NCIP uploads a copy of the current grant award letter or other applicable documentation from the NCI. Grant must include all facilities included in the NCIN.

STANDARD 4.1: Physician Credentials NCIN facilities are exempt from this standard of accreditation.

STANDARD 7.2: Monitoring Compliance with Evidence-Based Guidelines NCIN facilities are exempt from this standard of accreditation.

STANDARD 8.2: Cancer Prevention Event NCIN programs are exempt from this standard of accreditation.

STANDARD 8.3: Cancer Screening Event NCIN programs are exempt from this standard of accreditation.

STANDARD 9.1: Clinical Research Accrual NCIN programs are exempt from this standard of accreditation.

For new INCPs and NCINs, the following specifications are effective beginning January 1, 2022.

For established INCPs and NCINs, the following specifications are effective beginning January 1, 2023.

Unless stated otherwise, the following specifications apply to both INCPs and NCINs.

STANDARD 1.1: Administrative Commitment The letter is accompanied by a descriptive document that addresses the organizational structure of the network. It specifically addresses:

- The organizational structure of the network, including the facilities within the network,
- The distribution of cancer services across the network and its facilities,
- Processes that facilitate integration, coordination, and collaboration across the facilities in the network.

Specifications by Category

STANDARD 2.1: Cancer Committee The network cancer committee has a single chair and required members that serve as representatives across the entire network. The required members are listed in Standard 2.1. Additionally, the network cancer committee must include one representative from each facility within the network and a process must be developed that defines how information will flow from each facility within the network to the network cancer committee and back to the individual facilities within the network.

The following members described in Standard 2.1 as “recommended members” are required members of the network cancer committee: Specialty physicians representing the five major cancer sites across the network, palliative care professional, genetics professional, registered dietitian nutritionist, rehabilitation services professional, pharmacist, spiritual care representative, and, as available, an American Cancer Society representative.

NCIN facilities are exempt from this standard of accreditation.

STANDARD 2.2: Cancer Liaison Physician Two CLPs are appointed who represent all of the facilities within the network. Each CLP must report on NCDB data per the standard twice each calendar year (for a total of four times each year).

STANDARD 2.4: Cancer Committee Attendance NCIN facilities are exempt from this standard of accreditation.

STANDARD 2.5: Multidisciplinary Cancer Case Conference The network cancer conference policy and procedure must document how multidisciplinary cancer case conferences are conducted throughout and across the network facilities and it addresses the items outlined in Standard 2.5. The network cancer conference coordinator monitors and evaluates the multidisciplinary cancer case conference(s) across the network and presents a report to the network cancer committee that includes all required elements and any action plans to resolve issues not meeting the network policy and procedure. The report is documented in the network cancer committee minutes.

NCIN facilities are exempt from this standard of accreditation.

STANDARD 3.1: Facility Accreditation The network provides accreditation or licensure certificates for each facility within the network.

NCIN facilities provide documentation from the National Cancer Institute P30 grant that substitutes for documentation of facility accreditation. The NCIP uploads a copy of the grant award letter or other applicable documentation from the NCI. The grant must include all facilities included in the NCIN.

STANDARD 4.1: Physician Credentials NCIN facilities are exempt from this standard of accreditation.

STANDARD 4.4: Genetic Counseling and Risk Assessment The policy and procedure must document how cancer-specific services are organized either centrally at the network level or at the individual facilities within the network. In either case services must meet the criteria set forth in Standard 4.4. For services provided at the network level through a centralized structure, details on how the needs of the patients at each facility within the network are being met must be documented. Reports to the network cancer committee must be comprehensive and represent compliance across the network.

STANDARD 4.5: Palliative Care Services The policy and procedure must document how cancer-specific services are organized either centrally at the network level or at the individual facilities within the network. In either case services must meet the criteria set forth in Standard 4.5. For services provided at the network level through a centralized structure, details on how the needs of the patients at each facility within the network are being met must be documented. Reports to the network cancer committee must be comprehensive and represent compliance across the network.

STANDARD 4.6: Rehabilitation Care Services The policy and procedure must document how cancer-specific services are organized either centrally at the network level or at the individual facilities within the network. In either case services must meet the criteria set forth in Standard 4.6. For services provided at the network level through a centralized structure, details on how the needs of the patients at each facility within the network are being met must be documented. Reports to the network cancer committee must be comprehensive and represent compliance across the network.

Specifications by Category

STANDARD 4.7: Oncology Nutrition Services The policy and procedure must document how cancer-specific services are organized either centrally at the network level or at the individual facilities within the network. In either case services must meet the criteria set forth in Standard 4.7. For services provided at the network level through a centralized structure, details on how the needs of the patients at each facility within the network are being met must be documented. Reports to the network cancer committee must be comprehensive and represent compliance across the network.

STANDARD 4.8: Survivorship Program The policy and procedure must document how services are organized either centrally at the network level or at the individual facilities within the network. In either case services must meet the criteria set forth in Standard 4.8. For services provided at the network level through a centralized structure, details on how the needs of the patients at each facility within the network are being met must be documented. Reports to the network cancer committee must be comprehensive and represent compliance across the network.

STANDARD 5.2: Psychosocial Distress Screening The policy and procedure must document how cancer-specific services are organized either centrally at the network level or at the individual facilities within the network. In either case services must meet the criteria set forth in Standard 5.2. For services provided at the network level through a centralized structure, details on how the needs of the patients at each facility within the network are being met must be documented. Reports to the network cancer committee must be comprehensive and represent compliance across the network.

STANDARD 6.1: Cancer Registry Quality Control A review of the accuracy of abstracted data on a minimum of 10 percent of the combined network annual analytic caseload (up to 200 cases annually) is required each year for each facility within the network. The review includes the items listed in Standard 6.1.

STANDARD 7.1: Accountability and Quality Improvement Measures The network cancer committee will annually monitor expected Estimated Performance Rates (EPRs) for accountability and quality improvement measures selected by the CoC for each individual facility within the network and across the network as a whole. If the expected EPR is not met by an individual facility and/or across the network, an action plan must be developed and implemented and reported to the network cancer committee.

STANDARD 7.2: Monitoring Concordance with Evidence-Based Guidelines One study is completed at the network level. The choice of a patient population to review must be representative of and include the individual facilities within the network.

NCIN facilities are exempt from this standard of accreditation.

STANDARD 7.3: Quality Improvement Initiative Two quality improvement initiatives are required each year that include all required elements in Standard 7.3; one that includes all facilities within the network and one that is relevant to one or more facilities within the network.

STANDARD 7.4: Cancer Program Goal Two cancer program goals are required each year that meet the requirements of Standard 7.4; one network-wide goal that impacts coordination of care across the network and one that is relevant to one or more facilities within the network.

STANDARD 8.1: Addressing Barriers to Care Each facility within the network must address barriers to care in their demographic and geographic area and individually fulfills the specifics outlined in Standard 8.1. This can be a network-wide identified barrier to be addressed within each facility.

STANDARD 8.2: Cancer Prevention Event Each facility in the network must offer a prevention event that meets the needs of the demographic and geographic area and individually fulfills the specifics outlined in Standard 8.2. This can be a network-wide defined initiative implemented within each facility.

NCIN programs are exempt from this standard of accreditation.

Specifications by Category

STANDARD 8.3: Cancer Screening Event Each facility in the network must offer a screening event that meets the needs of their demographic and geographic area and individually fulfills the specifics outlined in Standard 8.3. This can be a network-wide defined initiative, implemented within each facility.

NCIN facilities are exempt from this standard of accreditation.

STANDARD 9.1: Clinical Research Accrual The network has a screening policy and procedure to identify participant eligibility for clinical research studies and how to provide clinical trial information to subjects across the network. These processes are assessed to identify and address barriers to enrollment and participation. Clinical research accrual percentages are calculated based on a cumulative accrual percentage met collectively across the network facilities. Within a network, individual patient accruals can only be counted once (if the patient is on a clinical trial but has been seen at more than one facility in the network, they can only be counted once).

NCIN facilities are exempt from this standard of accreditation.

National Cancer Institute (NCI)-Designated Comprehensive Cancer Center Program (NCIP)

STANDARD 2.1: Cancer Committee NCIP facilities are exempt from this standard of accreditation.

STANDARD 2.4: Cancer Committee Attendance NCIP facilities are exempt from this standard of accreditation.

STANDARD 2.5: Multidisciplinary Cancer Case Conference NCIP facilities are exempt from this standard of accreditation.

STANDARD 3.1: Facility Accreditation Documentation from the National Cancer Institute P30 grant substitutes for documentation of facility accreditation. The NCIP uploads a copy of the current grant award letter or other applicable documentation from the NCI.

STANDARD 4.1: Physician Credentials NCIP facilities are exempt from this standard of accreditation.

STANDARD 7.2: Monitoring Compliance with Evidence-Based Guidelines NCIP facilities are exempt from this standard of accreditation.

STANDARD 8.2: Cancer Prevention Event NCIP programs are exempt from this standard of accreditation.

STANDARD 8.3: Cancer Screening Event NCIP programs are exempt from this standard of accreditation.

STANDARD 9.1: Clinical Research Accrual NCIP programs are exempt from this standard of accreditation.

Hospital Associate Cancer Program (HACP)

STANDARD 9.1: Clinical Research Accrual HACP facilities are exempt from this standard of accreditation.

Specifications by Category

Pediatric Cancer Program (PCP)

The following specifications apply to PCPs through 2022.

STANDARD 2.2: Cancer Liaison Physician PCP's CLP presentations utilize data relevant to the pediatric program with comparison to a national guideline.

STANDARD 5.1: CAP Synoptic Reporting PCPs are exempt from this standard of accreditation.

STANDARD 6.5: Follow-Up of Patients A 60 percent follow-up rate is maintained for all eligible analytic cases from a rolling 15-year period from the most current year of completed cases or the program's first accreditation date, whichever is shorter. Annual follow-up information is obtained for eligible analytic cases until the patients reach the age of 26 years. Once patients reach the age of 26 years, follow-up attempts are to continue, but the data for the patients are excluded from the follow-up calculations.

STANDARD 7.1: Accountability and Quality Improvement Measures PCPs are exempt from this standard of accreditation.

STANDARD 7.2: Monitoring Compliance with Evidence-Based Guidelines PCPs are exempt from this standard of accreditation.

STANDARD 8.2: Cancer Prevention Event: PCPs are exempt from this standard of accreditation.

STANDARD 8.3: Cancer Screening Event: PCPs are exempt from this standard of accreditation.

The following specifications apply to standalone Pediatric Cancer Programs (PCP) and to programs adding a secondary pediatric accreditation category to an existing CoC accreditation. For established PCPs, the following specifications are effective beginning January 1, 2023.

STANDARD 1.1: Administrative Commitment The letter must address how pediatric care is administered relative to the rest of the cancer program (if applicable).

STANDARD 2.1: Cancer Committee Cancer committee includes either:

Pediatric subspecialists with applicable specialty pediatric certification/licensure (or other documented training) to include:

- Pediatric surgical specialist
- Pediatric hematology/oncology
- Pediatric radiology
- Pediatric pathology
- Pediatric oncology nurse

OR create a pediatric subcommittee that reports to the cancer committee to include the disciplines listed above.

NOTE: Pediatric radiation oncology is not required under either structure as there is no board certification for this discipline.

STANDARD 2.2: Cancer Liaison Physician The CLP is not required to present NCDB data two times per year.

STANDARD 2.3: Cancer Committee Meetings If a pediatric subcommittee is developed to meet Standard 2.1, it must meet quarterly.

STANDARD 2.4: Cancer Committee Attendance If a pediatric subcommittee is developed to meet Standard 2.1, the 75% attendance requirement must be met for both the cancer committee and the pediatric subcommittee. The attendance requirement is applied separately to each committee (in other words, the members of the cancer committee must attend 75% of the cancer committee meetings. Members of the subcommittee must attend 75% of the subcommittee meetings).

Specifications by Category

STANDARD 2.5: Multidisciplinary Cancer Conference For pediatric cancer conferences or for discussion of pediatric cancer patients, the following specialties must be represented:

- Pediatric surgical specialist
- Pediatric hematology/oncology
- Pediatric radiology
- Pediatric pathology
- Radiation oncology with experience treating pediatric patients.

STANDARD 3.2: Evaluation and Treatment Services For pediatric cancer patient care there is a radiologist available to address radiation exposure to the pediatric population.

Examples of quality assurance guidelines for pediatric are: American Society of Pediatric Hematology/Oncology (ASPHO) and Association of Pediatric Hematology/Oncology Nurses (APHON).

STANDARD 4.1: Physician Credentials Pediatric cancer patient management must be conducted by a multidisciplinary team including physicians with pediatric training in surgery, hematology/oncology, radiology, and radiation oncology. Physicians are either board certified or demonstrate ongoing pediatric cancer-related education by earning 12 cancer-related CME hours each calendar year.

STANDARD 4.4: Genetic Counseling and Risk Assessment The process in place pursuant to evidence-based national guidelines for genetic assessment addresses pediatric malignancies such as hypodiploid acute lymphoblastic leukemia, choroid plexus tumor, hepatoblastoma, and anaplastic embryonal rhabdomyosarcoma. In creating the policy and procedure, programs can reference Druker H, Zelle K, McGee RB, Scollon SR, Kohlmann WK, Schneider KA, Wolfe Schneider K. Genetic Counselor Recommendations for Cancer Predisposition Evaluation and Surveillance in the Pediatric Oncology Patient. *Clin Cancer Res.* 2017 Jul 1;23(13):e91-e97. doi: 10.1158/1078-0432.CCR-17-0834. PMID: 28674117.

STANDARD 4.6: Rehabilitation Care Services Policies and procedures are in place to guide referral to appropriate pediatric rehabilitation care services on-site or by referral. The availability of pediatric rehabilitation care services is an essential component of comprehensive cancer care, beginning at the time of diagnosis and being continuously available throughout treatment, surveillance, and, when applicable, through end of life. Pediatric rehabilitation care services provide individualized therapies to pediatric and young adult patients appropriate to their developmental level and functional goals.

Rehabilitation professionals associated with cancer rehabilitation typically include, but are not limited to, pediatric trained:

- Physiatrists and advanced practice providers
- Physical therapists and physical therapy assistants
- Occupational therapists and occupational therapy assistants
- Speech language pathologists.

STANDARD 4.7: Oncology Nutrition Services Pediatric oncology nutrition services are provided, on-site or by referral, by Registered Dietitian Nutritionists (RDN) with knowledge and skills to address nutrition and hydration requirements and recommendations throughout the continuum of cancer care, including prevention, diagnosis, treatment, survivorship, and palliative care. In particular, nutrition services need to focus on the growing child and recognize all the phases of growth and development from infant to young adult.

STANDARD 4.8: Survivorship Program The Survivorship Program Coordinator develops a survivorship program team. Suggested specialties include pediatric physicians, advanced practice providers, nurses, social workers, psychologists, registered dietitians, physical therapists, and other allied health professionals. The survivorship program team determines a list of services and programs, offered on-site or by referral, that address the needs of pediatric cancer survivors.

STANDARD 5.1: College of American Pathologist Synoptic Reporting PCPs and programs seeking the secondary pediatric category comply with this standard as written, including for all pediatric surgical resection pathology reports.

Specifications by Category

STANDARD 6.5: Follow-Up of Patients PCPs and programs seeking the secondary pediatric category comply with this standard as written.

STANDARD 7.2: Monitoring Concordance with Evidence-Based Guidelines One pediatric-focused study must be completed per standard requirements once each accreditation cycle.

STANDARD 8.1: Addressing Barriers to Care The barrier chosen is focused on pediatric cancer care. For programs seeking a secondary pediatric category—if a barrier identified by the adult cancer program applies to pediatric cancer care, the same barrier can be used for both adult and pediatric compliance.

STANDARD 8.2: Cancer Prevention Event Starting in 2026, a prevention event is offered for children and/or young adults that addresses topics such as HPV vaccination, obesity, smoking, sunscreen use, etc. If the prevention event offered by the adult cancer program is applicable to children and/or young adults, it can be used to support compliance for both the adult and pediatric compliance.

STANDARD 8.3: Cancer Screening Event An event is not required. However, PCPs and programs seeking a secondary pediatric category must conduct screening and active surveillance of syndromic patients (Li-Fraumeni, Beckwith-Wiedemann, DICER1 among others) through an organized program in association with genetics.

STANDARD 9.1: Clinical Research Accrual The number of accruals to cancer-related clinical research studies meets or exceeds the required percentage of fifty percent. This could include non-Children's Oncology Group (COG) studies. In addition, COG membership is required.

The following standards are exempt for standalone Pediatric Cancer Programs (PCP):

- Standard 5.3: Sentinel Node Biopsy for Breast Cancer
- Standard 5.4: Axillary Lymph Node Dissection for Breast Cancer
- Standard 5.6: Colon Resection
- Standard 5.7: Total Mesorectal Excision
- Standard 5.8: Pulmonary Resection
- Standard 7.1: Accountability and Quality Improvement Measures

Programs Undergoing Initial Site Visit for Accreditation

STANDARD 2.2: Cancer Liaison Physician: While the requirement to report NCDB data two times per year will not be rated during the initial site visit, it is encouraged that programs report data to the cancer committee relevant to the cancer program at least twice per year.

STANDARD 6.2: Data Submission Programs in all categories undergoing initial site visit for accreditation are exempt from this standard of accreditation.

STANDARD 6.3: Data Accuracy Programs in all categories undergoing initial site visit for accreditation are exempt from this standard of accreditation.

STANDARD 6.4: Rapid Cancer Reporting System: Data Submission Programs in all categories undergoing initial site visit for accreditation are exempt from this standard of accreditation.

STANDARD 6.5: Follow-Up of Patients Programs in all categories undergoing initial site visit for accreditation are exempt from this standard of accreditation.

STANDARD 7.1: Accountability and Quality Improvement Measures Programs in all categories undergoing initial site visit for accreditation are exempt from this standard of accreditation.

STANDARD 9.2: Commission on Cancer Special Studies Programs in all categories undergoing initial site visit for accreditation are exempt from this standard of accreditation.

Glossary

ABCG: American Board of Genetic Counseling

ABMGG: American Board of Medical Genetics and Genomics

ABMS: American Board of Medical Specialties

ACAD: Academic Comprehensive Cancer Program

Accreditation report: Document released to cancer programs at the conclusion of the initial or reaccreditation site visit. The accreditation report includes rating compliance for each applicable standard and may include specific comments regarding the cancer program's performance. The accreditation report also states the assigned accreditation award and, if applicable, the corrective action due date.

ACR: American College of Radiology

ACRO: American College of Radiation Oncology

AGN-BC: Advanced Genetics Nursing Certification

AJCC: American Joint Committee on Cancer

Analytic case: Cases for which the hospital provided the initial diagnosis of cancer and/or for which the hospital contributed to first course treatment, if those cancers were diagnosed on or after the hospital's Reference Date and are diseases the CoC requires to be abstracted

ANCC: American Nurses Credentialing Center

Annually: Activity performed or monitored at least once every calendar year

AOA: American Osteopathic Association

AOCN[®]: Advanced Oncology Certified Nurse

AOCNP[®]: Advanced Oncology Certified Nurse Practitioner

AOCNS[®]: Advanced Oncology Certified Clinical Nurse Specialist

APRN: Advanced Practice Registered Nurse

APNG: Advanced Practice Nurse in Genetics

ASCO: American Society for Clinical Oncology

ASHP: American Society of Health-System Pharmacists

ASTRO: American Society for Radiation Oncology

ALND: Axillary lymph node dissection

Barriers to care: Challenges to health care service delivery. May include patient-, system-, or provider-based barriers to accessing health and/or psychosocial care.

BMTCN[®]: Blood & Marrow Transplant Certified Nurse

Calendar year: January 1–December 31

Cancer Committee: The multidisciplinary group responsible for leading the cancer program and ensuring the compliance with CoC Standards

ACoS Cancer Programs: American College of Surgeons' programs focused on improving care and treatment for patients with cancer, including Commission on Cancer, National Accreditation Program for Breast Centers, National Accreditation Program for Rectal Cancer, the National Cancer Database, American Joint Committee on Cancer, and the Clinical Research Program

CAP: College of American Pathologists

CBCN[®]: Certified Breast Care Nurse

CCCP: Comprehensive Community Cancer Program

CCP: Community Cancer Program

CLP: Cancer Liaison Physician

CoC: Commission on Cancer

Corrective action: The process by which a cancer program shows they have met a standard(s) that was noncompliant at the time of the site visit

CME: Continuing Medical Education

CP³R: Cancer Program Practice Profile Reports

CPA: Cancer Program Administrator

CPHON[®]: Certified Pediatric Hematology Oncology Nurse

CPON[®]: Certified Pediatric Oncology Nurse

Glossary

CQIP: Cancer Quality Improvement Program, a report provided to accredited programs by the National Cancer Database that includes short-term quality and outcome data and long-term data, including five-year survival rates for commonly-treated malignancies

CTR: Certified Tumor Registrar

DMAIC: Acronym for Define, Measure, Analyze, Improve, and Control; DMAIC is a quality improvement method

DCIS: Ductal carcinoma in situ

Expected Estimated Performance Rate (EPR): A performance rate that a cancer program is expected to meet for an NCDB accountability or quality improvement measure

FCCP: Freestanding Cancer Center Program

GCN: Genetics Clinical Nurse

HACP: Hospital Associate Cancer Program

HPV: Human papillomavirus infection

INCP: Integrated Network Cancer Program

IRB: Institutional Review Board

NAPBC: National Accreditation Program for Breast Centers

NAPRC: National Accreditation Program for Rectal Cancer

NCCN: National Comprehensive Cancer Network

NCDB: National Cancer Database

NCI: National Cancer Institute

NCIN: NCI-Designated Network Cancer Program

NCIP: NCI-Designated Comprehensive Cancer Center Program

NSCLC: Non-small cell lung cancer

OCN: Oncology Certified Nurse

ONS: Oncology Nursing Society

OSW-C: Oncology Social Worker certified by the Board of Oncology Social Work.

ONCC: Oncology Nursing Certification Corporation

On-site: The accredited facility or off-campus locations that are owned or part of the hospital licensure

OSCS: *Operative Standards for Cancer Surgery*; a surgical manual published by the American College of Surgeons that provides recommendations regarding the effective technical conduct of surgical operations and review of the quality of evidence upon which those recommendations are based

PA: Physician Assistant

PCP: Pediatric Cancer Program

PDCA: Acronym for Plan, Do, Check, Act or Plan, Do, Check, Adjust; PDCA is a quality improvement method

PDSA: Acronym for Plan, Do, Study, Act; PDSA is a quality improvement method

Phase-in standard: Standard with a unique implementation timeline. More information may be found on the CoC website.

Pre-Review Questionnaire (PRQ): An online reporting tool that is utilized to demonstrate compliance with CoC standards; formally known as the "Survey Application Record (SAR)"

QI: Quality improvement

Reference date: Start date established for CoC accredited registries

RD: Registered Dietitian

RDN: Registered Dietitian Nutritionist

Referral: Services provided to the patient at a facility or physician office external to the cancer program

RCRS: Rapid Cancer Reporting System

SCLC: Small-cell lung cancer

SCP: Survivorship Care Plan

Glossary

Site visit: An on-site visit by a CoC site reviewer to review cancer program data to aid in determining compliance with CoC standards and the respective accreditation award. After initial accreditation, the on-site visit occurs once every three years. Formally known as the “survey.”

Site Reviewer: CoC-trained professional who conducts on-site visits and reviews cancer program activity documentation. The site reviewer assists in verifying whether the cancer program is in compliance with the CoC standards. Formally known as the “surveyor.”

SMART: Acronym for “Specific, Measurable, Achievable, Realistic, and Timely”; SMART format is a goal-setting method

Standard: Qualification criteria for CoC accreditation (not standard of care)

Synoptic format: A structured format that includes all of the following:

- All core elements must be reported (whether applicable or not),
- All core elements must be reported in a “diagnostic parameter pair” format, in other words, data element followed by its response (answer),
- Each diagnostic parameter pair must be listed on a separate line or in a tabular format to achieve visual separation, and
- All core elements must be listed together in one location in the pathology or operative report

TME: Total mesorectal excision

USP: United States Pharmacopeia

VACP: Veteran Affairs Cancer Program



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