

2023 Webinar Series Planning Information

**PATIENT
CENTERED CARE**

**ADVANCED
PRACTICE PROVIDER**

**RESEARCH
TO PRACTICE**

Thank You!

We thank you for your help in planning **UNC Lineberger Cancer Network's (UNCLCN) 2023** webinars for the **Patient Centered Care**, **Advanced Practice Provider**, and **Research to Practice** series. Last year's webinars were some of the best that we've had, and—with your knowledge and expertise—we hope to make next year's webinars even better.

The **Patient-Centered Care** webinars covers components of patient-centered health care delivery in cancer treatment and survivorship. The focus of this series is not disease-specific but includes discussion of approaches to improving care delivery for all cancer patients and survivors.

The **Advanced Practice Provider** provides a forum for high-quality oncology-based content. The purpose of this monthly series is to share expertise and create a structured network for our vast community by promoting professional development, creating opportunities for collaboration, and using evidence-based education to increase knowledge and skills to foster ongoing quality patient care.

The **Research to Practice** webinars cover the spectrum of anti-cancer therapy, with a focus on recent research developments, both locally and at large, and what's ready for regular practice. Perspectives from medical oncology, radiation oncology, and surgery will be included. The webinar series will incorporate an understanding of practice dynamics and concerns throughout the state of North Carolina, and the availability of clinical trials and subspecialty expertise to inform care.

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2022 Webinar Planning Criteria

The types of information that guide our thinking for planning the 2023 Telehealth webinars series:

Specific Demographics – Gender, race, etc. The desire is to have our presenters represent the demographic makeup of our audience—and of cancer patients in North Carolina. This way, different perspectives on any given topic will be available to North Carolina’s oncology professionals.

NC Statistics on prevalence of different types of cancer. These statistics can be accessed at
• <https://schs.dph.ncdhhs.gov/data/cancer.cfm>.

Feedback from Previous Webinars – Series Specific.

2022 Participant Survey Results.

We prefer not to repeat past topics for 18-24 months. Exceptions can be made when crossing from one series to another, with a different presenter, a different angle, and a few months intervening between the use of the topic.

The webinars should be topical.

Feedback from LCCC leadership.

Considerations for **Best of ASCO** and **Best of ASH** webinar topics.

Acquiring input from accreditation agencies: School of Nursing, School of Medicine, School of Pharmacy, Department of Radiation Oncology, and Association of NC Cancer Registrars.

Webinar Topics

Selecting Topics for **Patient Centered Care** and **Advanced Practice Provider**

The topics for our **Patient Centered Care** and **Advanced Practice Provider** webinars vary from year to year. We depend upon you to help us determine which topics are most relevant for our 2023 schedule.

Selecting Topics for **Research to Practice**

Our **Research to Practice** topics are somewhat streamlined, and we offer the following 11 topics each year:

- *Radiation Oncology in North Carolina: Updates for 2023*
- *Genitourinary Cancer Management in North Carolina: Updates for 2023*
- *Gastrointestinal Cancer Management in North Carolina: Updates for 2023*
- *Breast Cancer Management in North Carolina: Updates for 2023*
- *Lung Cancer Management in North Carolina: Updates for 2023*
- *Cancer Immunotherapy Toxicities Identification and Management in North Carolina: Updates for 2023*
- *Leukemia Management in North Carolina: Updates for 2023*
- *Lymphoma Management in North Carolina: Updates for 2023*
- *Topics in Cancer Pharmacy in North Carolina: Updates for 2023*
- *Head and Neck Cancer Management in North Carolina: Updates for 2023*
- *Surgical Oncology in North Carolina: Updates for 2023*

The **Research to Practice** series has space for one of the following rotating topics. Please choose the one that would best fit our 2023 schedule:

- *CAR-T in North Carolina: Updates for 2023*
- *Patient Reported Outcomes in Cancer: Implementation Strategies in North Carolina*
- *Precision Oncology: Use of Genomics and Other Tools for Diagnostics and Treatment in North Carolina*
- *Nutrition and Cancer in North Carolina*
- *Advances in Telemedicine in North Carolina*
- *How Racial Bias Influences Healthcare and People of Color in North Carolina*
- *Cardio-oncology in North Carolina: fitness, function, and late effects*
- *Homeopathic and Traditional Pain Management in Cancer Treatment in North Carolina*
- *Managing Depression, Anxiety and PTSD in Cancer Patients in North Carolina*

2021–2022 Attendee Feedback

Participants in the July 2021–June 2022 **Patient Centered Care**, **Advanced Practice Provider**, and **Research to Practice** series provided plenty of feedback with requests for particular topics. Feedback by attendees is listed below by the relevant webinar topic. Webinar topics are arranged alphabetically.

Advanced Practice Provider

- APPs managing infusion related reactions.

Biomarkers

- Biomarkers as they relate to colorectal cancer (2)
- Biomarkers in cancer therapy
- Biomarkers: new updates, new tests
- Updates on biomarkers (all tumor types).

Brain Cancer

- Brain Cancer/Updates (2)
- Brain cancers and key therapies used to target specifically glioblastoma (3)
- Brain MRI reading
- Brain Tumor therapies
- Brain tumors, we are seeing an alarming number of new GBMs
- Follow this with more of the ‘how to have/ start this discussion with pts’ brain tumors, we are seeing an alarming number of reports
- Management of Glioblastoma Cancer therapy/management (5)

Breast Cancer

- Breast cancer (new therapies/updates) (7)
- Breast Cancer & GYN Cancer updates
- Breast reconstruction options and coding related to Cancer Registry abstracts.
- Breastfeeding and cancer rates in mother and child
- Clinical breast exam technique for primary care providers and cancer risk assessment for primary care providers
- Male Breast Cancer (5)
- New therapies being studied in HER2+ breast cancer

Cardiotoxicity/Oncologic Emergencies

- Additional toxicity and adverse event reporting (2)
- An overview of cardio toxicity concerns with treatment
- Cardio-oncology
- Cardio-oncology and cognition decline and cancer patients
- Diabetes and Cancer (2)
- EKG
- Interpretation of pulmonary function tests, lung complications pre and post chemotherapy
- Similar talks for Percutaneous Cardiopulmonary Support about other common cancers

Caregivers

- Caregiver burnout (13)
- Support people in cancer treatment who do not have someone at home to provide care
- Supporting the caregiver
- The family and cancer
- The needs of caregivers of cancer patients
- What can the family learn that will allow them to support a family member diagnosed with cancer.

Chemotherapy – General

- Chemo patient precautions (intercourse, toileting, etc)
- Chemo precautions
- Chemotherapy basics/review for primary care NPs
- Chemotherapy drugs

- Could Pharmacy do a talk on the differences between brand name oncology drugs, vs generics vs BIOSIMILARS?
- Drug development
- How about an overall update on the pharmacoeconomics of managing cancers?
- I would have loved to see how non-pharm interventions could be integrated into the treatment plan. As an OT, we can help.
- Identify chemo classes by the drug name (education on how drugs are named)
- Information regarding port-a-caths, PICC lines etc for cancer patients (2)
- Love learning about the new therapies
- Mabs and nibs coming to market (2)
- more symptom management topics
- Mucositis care
- New meds to market (2)
- Oncology Pharmacy courses (3)
- Oral meds (2)
- Pharmaceutical industry perspective on oncology drug development (2)
- Pharmacogenetics and pharmacogenomics related topics (9)
- Precautions while receiving chemo (linens, contraceptives, sharing toilets, etc) (2)
- Techniques for giving chemo meds their names
- Infusion reactions, when to discontinue chemo based off toxicities
- Latest on chemo induced peripheral neuropathy (4)
- Managing cutaneous side effects of Tyrosine kinase inhibitors
- Patient panel- dealing with side effects, post care
- Patients on chemo or immunotherapies, especially if they are vaccine hesitant.
- Physicians often dismissing signs/symptoms of colorectal cancer in young adults, which leads to delayed screenings/treatments
- Vancomycin AUC dosing (2)
- Symptom management for chemo patients during treatments (5)

Clinical Trials

- Compassionate Use Trials (3)
- Importance of clinical research for cancer patients (2)
- Ongoing clinical trials of drugs showing promise for treating cancers.

COVID 19

- Covid-19 and vaccines for immunocompromised patients (2)
- Effect of COVID19 on clinical research efforts
- How chemo is tolerated after exposure to COVID virus and/ or vaccine
- How does the COVID Vaccine and the Virus effect how chemo is tolerated from patients after exposed I think more questions to help with audience engagement would help.
- How to approach vaccination conversations with patients
- Monoclonal Antibodies as a treatment for COVID-19 and Cancer
- mRNA vaccines, how they work and are they safe.

Chemotherapy – Oral

- Adherence to oral agents (2)
- More advanced discussion on oral oncology
- More content from Oral Medicine providers
- Oral chemotherapy management (7)
- Oral oncolytics and side effect management dosing use in disease state (2)

Chemotherapy – Symptoms/Side Effects

- Continue supportive care, managing side effects, late & long-term effects of treatment
- Helping patient overcome the side effects related to cancer therapies
- Helping patients deal with side effects - nausea, hair loss, neuropathy etc.
- Inflammation's role in cancer.

Dental Oncology

- Medically complex dentistry

Diagnosis and Screening

- After dx/while in tx
- Interpreting diagnostic testing
- High level overview of all screenings for all cancers
- More cancer screening talks

Ethics

- Ethics (3)
- Ethics and social work

Financial Toxicity

- Access to healthcare/cancer care in the rural areas of NC (3)
- Better awareness of costs of procedures/scans/chemo to patients
- Comparison of costs of drug treatment versus other treatments for cancers (i.e. radiation, stem cell, surgical removal, etc.).
- Helping patients deal with the financial toxicity of cancer treatment (2)
- Privatized health care consequences vs health care for all
- Reducing oncological expenses for patients.

Gene Therapy

- Cell and gene therapies (2)
- Genetics, and pharmacogenomics.
- GU genomes
- Impact of next generation sequencing results on off-label prescribing habits
- More genetic testing seminars and how that guides treatment choices
- Updates in mRNA treatments for cancer (2)

General Topics

- Forensics (2)
- Hypertension
- Lab values
- More information about different topics/new innovations.
- My field is Rehabilitation- always welcome topics specific to that.
- Myelofibrosis lecture (3)

- Personalized medicine
- Rare cancers (3)
- Rate of progress of CRCI in Alzheimer's patients. Is it compounded or the same?
- Review of some common internal medicine guidelines; ex: JNC8, DM, etc
- Rheumatoid Arthritis and Cancer Risk
- Role of disaster recovery medical teams
- Treating patients with multiple cancers
- Types of wounds and wound care
- Updates every year on functional medicine and cancer
- What is new and what is coming for cancer treatment
- Workups for various disease groups

GI Cancer

- Advances in cancer Pancreatic diagnoses
- Basic anatomy, more about the colon specifically (it can be tricky to track!).
- Bladder cancer
- Chrons disease and colorectal cancer prevention, diagnosis and treatment
- Endocrine tumors (9)
- Is there evidence that biological drugs used to treat rheumatoid arthritis cause cancer in patients?
- More lectures on GI cancers
- Pancreatic tumors, insulinoma's
- Preventative colorectal cancer
- The role of chemotherapy in metastatic colon cancer
- Treatment options for CRC
- What are signs of pancreatic cancer and what are current treatments?

GU Cancer

- Advances in treating pancreatic cancer.
- Possibly if there is anything about angiomyolipomas as a kidney concern
- Prognoses for recurring prostate cancer
- Prostate Cancer (7)
- Prostate cancer - Update on biology & different treatments with oral medications.

- The role for palliative radiation therapy for metastatic prostate cancer.
- Treatment of liver cancer and cholangiocarcinomas

Gynecologic Cancer

- Advances in Ovarian cancer diagnoses?
- Dr. Bae Jump or Dr. Clark to give a session on uterine cancer?
- Endometrial cancer
- Gestational trophoblastic disease
- Gyn cancers requiring chemo only (2)
- GynOnc (4)
- HPV + Cervical cancer updates
- Immunotherapy and gyn cancers
- Latest guidelines for gyn/breast screening
- Ovarian cancer
- Ovarian and endometrial cancer update
- Updates in gynecologic cancers (2)

Head & Neck Cancer

- Ct of head/neck structures
- Head and neck cancers (3)
- Prophylactic PEG IN head and neck patients
- Throat cancer

Hematology Oncology

- Bisphosphonates/bone health
- BMT (2)
- Bone health
- Bone marrow patients
- Bone Marrow Transplants Updates
- Chronic GvHD management (5)
- Hematology/oncology cancers (2)
- Heme update (2)

Hospice

- Hospice care
- End of life care

HPV

- hpv +/- H&N cancers (2)

- HPV vaccination uptake in NC AI populations
- HPV16 and oropharyngeal cancer
- Metastatic H&N
- New vaccine research for cancers

Imaging

- Diagnostic interpretation
- Imaging
- Interpreting the scans was very helpful
- Low dose CT for cancer screening
- MRI scans
- More imaging instructions (2)
- Presentations for Imaging exams utilized for treatments
- Program for chest CTs as well as MRIs
- Proton Therapy, Cyberknife, Radioactive Implants, Latest Radiation Therapy Equipment/Products
- Reading MRIs
- What imaging modalities are best for specific diagnoses. For example breast when to use a diagnostic mammogram vs. MRI...

Immunotherapy

- Immunotherapy management for different cancer types broken up
- Immunotherapy side effect monitoring/mitigation
- More about Immunotherapy
- Pharmacy updates on new meds or immunotherapy

Infectious Disease

- Infectious disease updates
- Infectious disease series (every quarter or so) to go over different case studies
- Management of immunotherapy adverse events
- More infectious disease related complication lectures

Integrative Medicine

- alternative medicines /probiotics/ microbiome
- Benefits of yoga during treatment (2)
- Complementary medicine for cancer survivors (2)
- Evaluation of herbal therapies
- Integrative medicine (8)
- Integrative medicine and alternative medicine approaches to symptom management
- Integrative medicine topics, microbiome and immunology
- Integrative medicine, supplements
- Integrative medicine, food as medicine
- Mind/body medicine
- Neutrapseuticals or cannabinoids for cancer management
- Other alternative therapies in oncology
- Reiki and cancer care, massage and cancer care, music therapy for cancer care
- Role of spiritual care/support/wellness for cancer patients (2)

Leukemia and Lymphoma

- Angiomyolipoma's or AML and cancer
- LLC
- Leukemia management
- Lymphoma and myeloma updates
- Lymphoma cancer (4)
- Lymphoma - different types and treatments
- Management of patients receiving HMA/ Venetoclax regimens for AML
- Update on Hodgkin's disease

Neuro Oncology

- Anything neuro

Nursing

- Anything patient centered
- Building trusting relationships with patients
- Communication and advanced care planning implementation on the inpatient setting

- Communication within the healthcare team
- Compassion fatigue in Oncology
- Diabetes management
- Focus on patient care
- ID med team member who knows pt, all meds, and interaction. OT there wkly w pt, see function.
- Improving our therapeutic language with patients
- Information about the counseling interventions provided in the Cancer Center
- More clinical intervention topics
- More time spent on interventions
- Nursing leadership (2)
- Retaining nurses
- Staff mental health exercises and management courses
- Use of patient reported outcomes (2)

Nutrition and Exercise

- A dietician who works with patient education or community
- Alcohol & cancer
- Beneficial aspects of a plant-based diet and increased fiber intake to support other treatments
- Dietetics lectures especially related to cancer.
- Enteral nutrition formulas
- How exercise and diet promote better outcomes
- Neutropenic diet
- New research in the field of dietetics
- Nutrition therapy in oncology patients. (3)
- Nutritional role in oncology (3)
- Plant-based nutrition and how to stay healthy
- Surrounding "Fad Diets"
- Weight reduction sources and discussions

Palliative Care

- Advanced directives and palliative care
- Bio-psycho-social aspect of chronic pain
- Dealing with oncologic pain

- Navigating long-acting pain treatment options. is there still a role for methadone?
- Opioids role in cancer care
- Pain management strategies in cancer care (6)
- Pain management with patients with substance abuse disorders (3)
- Pain Management without Narcotics
- Palliative care as part of oncology team (2)
- Palliative meds used for different symptoms (morphine for dyspnea, etc)
- Palliative radiation
- Treated chronic pain and acute pain in oncology patients

Pediatric and AYA Cancer

- Advances in pediatric cancers (4)
- AYA topics (2)
- Childhood cancer survivors
- Childhood cancers (2)
- Pediatric oncology topics (15)
- Pediatric based advances in cancer care
- Updates in pediatric cancers

Pet Therapy

- Animal human medicine interface
- Bring the dogs to Lineberger for the staff to meet
- Follow up info on pet therapy at UNC in future
- How to obtain a facility dog and not just pet therapy dog
- Pet therapy!
- More veterinary/human CE programs - one health programs - you may want to collaborate with NCSU veterinary Teaching Hospital
- Pet Therapy described how pets are used but not so much with oncology patients.
- Use of other species for pet therapy. Actually, miniature horses are used in hospitals.
- Wanted to see how canines were used in an oncology setting as that is not allowed at my organization.

- What are the options for licensed therapist that would like to integrate pet therapy more than just role of volunteer?

Physical Therapy

- Physical therapy and oncology patient care

Prevention

- Cancers caused by biologic drugs given from diseases such as rheumatoid arthritis.
- Causation and prevention of cancers (4)
- Focus of Social Determinants of Health (SDOH) with other specific cancers.
- Linkage of use of immunosuppressant drugs (to treat rheumatoid arthritis) to causing cancer (lung and breast)
- Role of environment on developing cancer - e.g., pollutants, diet, etc
- Studies re: outreach and cancer prevention both in terms of screening and lifestyle

Psychological Oncology

- Addressing psychosocial issues/challenges with cancer care
- Anxiety in the newly-diagnosed patient
- Anxiety reduction techniques with oncology patients
- Chemo brain
- Coping mechanisms and also the importance of positivity
- Depression (3)
- Emotional coping
- Evidence-based lifestyle interventions for depression/anxiety to discuss with patients.
- Grief counseling for children
- Helping family members cope/help family member with cancer (all stages). What can they expect?
- How stress affects cancer and cancer treatment (3)
- How to filter through very generalized referrals and how to best assess when to refer on to psycho onc
- Managing emotions during cancer diagnosis and treatment

- Mental health and cancer
- Non-medication treatment of psychosocial issues
- Providing psychological support to patients, on the methods of psychological stabilization
- Stress relief from today's world. We are surrounded w/politics and gloom
- Support group programs offered to cancer patients and their families.
- The role cancer plays in mental health.

Radiation Oncology

- Anything RT related (2)
- As a cancer registrar, I would like to have a presentation from radiation oncologists with explanations on their terminology.
- Radiation patient precautions (intercourse, toileting, etc)
- Radiological interpretation (particularly with speakers as engaging as these 2 radiologists were - awesome)
- Rad Onc nurse emphasis
- Radiology interpretation; path interpretation
- Radiation Oncology and the differences in treatment modalities and techniques (12)
- Radiation Oncology Specific (3)
- Radiation therapy, scans, symptom management
- Radiation therapy. nurse navigators (2)
- Radiation basics/review for primary care NPs
- Understanding radiation therapy treatments and how to code them.

Sarcomas and Solid Tumors

- Detection, treatment options and follow up care for carcinoid tumors.
- Diagnosing and treating carcinoid tumors
- Metastasis - determining when cancer is inoperable
- Neuroendocrine tumors (9)
- Sarcoma treatment updates (6)
- Soft tissue sarcomas
- Treatment options for carcinoid tumors (2)
- Tumor profiling considerations

Sex and Cancer

- Intercourse precautions while on oral, IV, or radiation for cancer treatment

Skin Cancer

- Melanoma (4)
- Melanoma in young adults
- Melanoma treatments whats new (2)
- Skin cancer (2)
- Treatment advances in cholangiocarcinoma (2)
- Update on derm cancers (2)

Social Disparities

- Access to care for minority cancer patients.
- Addressing social determinants of health of cancer patients.
- Anything related to cultural biases and medical care and treatment
- Cancer disparities in other minority groups.
- Further impact of social disparities and ways to address them (2)
- Health promotion, disease prevention for minority populations
- Healthcare disparities in oncology pt population
- Latino community and research studies
- Other treatment disparities
- Patient care for the Native American populations
- Programs to lessen the gap
- Provide research on interventions and outcomes to improve/end disparities.
- Resources available to enable advocates to become involved with health disparities for ethnic cultures adversely impacted
- Ways to foster and create important lines of communication between AIAN communities and healthcare systems.
- Working with Hispanic populations on farms
- Would love to hear Dr. Worix on other breast related topics

Social Workers

- Focus on ethics for social work CEU

Solid Tumors

- Gist Tumor management

Speakers

- Dynamic speakers like Dr. Patel
- More Public Health Experts
- More speakers from other comparable institutions for outside expertise.
- Presentations from pathologists
- Speakers as interesting as Dr. Nyrop.

Staging

- Discrepancies between the MD-staging in the EMR and the AJCC manual. (5)
- Discuss when there are discrepancies between the MD-staging in the EMR and the AJCC manual. (3)
- Standard of care for benign and stage 0 cancers such as breast DCIS or meningioma

Substance Abuse and Cancer

- Care of the patient experiencing cancer with substance abuse disorder (2)
- Substance Abuse treatment

Surgery and Transplantation

- Chronic gvhd management
- Is transplantation of a diseased or removed organ a viable option after any kind of cancer treatment?
- Graft v host disease identification and management
- Post-transplant challenges (2)
- Stem cell transplant updates
- Surgical oncology

Survivorship

- Helping patients with resources on integrating and getting back to work after chemo or transplant
- Life after cancer. Info about pt distress
- Long-term cancer survivors: guidelines and care in primary health care
- Managing life during cancer (how to help when patients are in isolation, etc)
- Rehab based courses
- Survivorship Needs/Care (5)

Thoracic Cancer

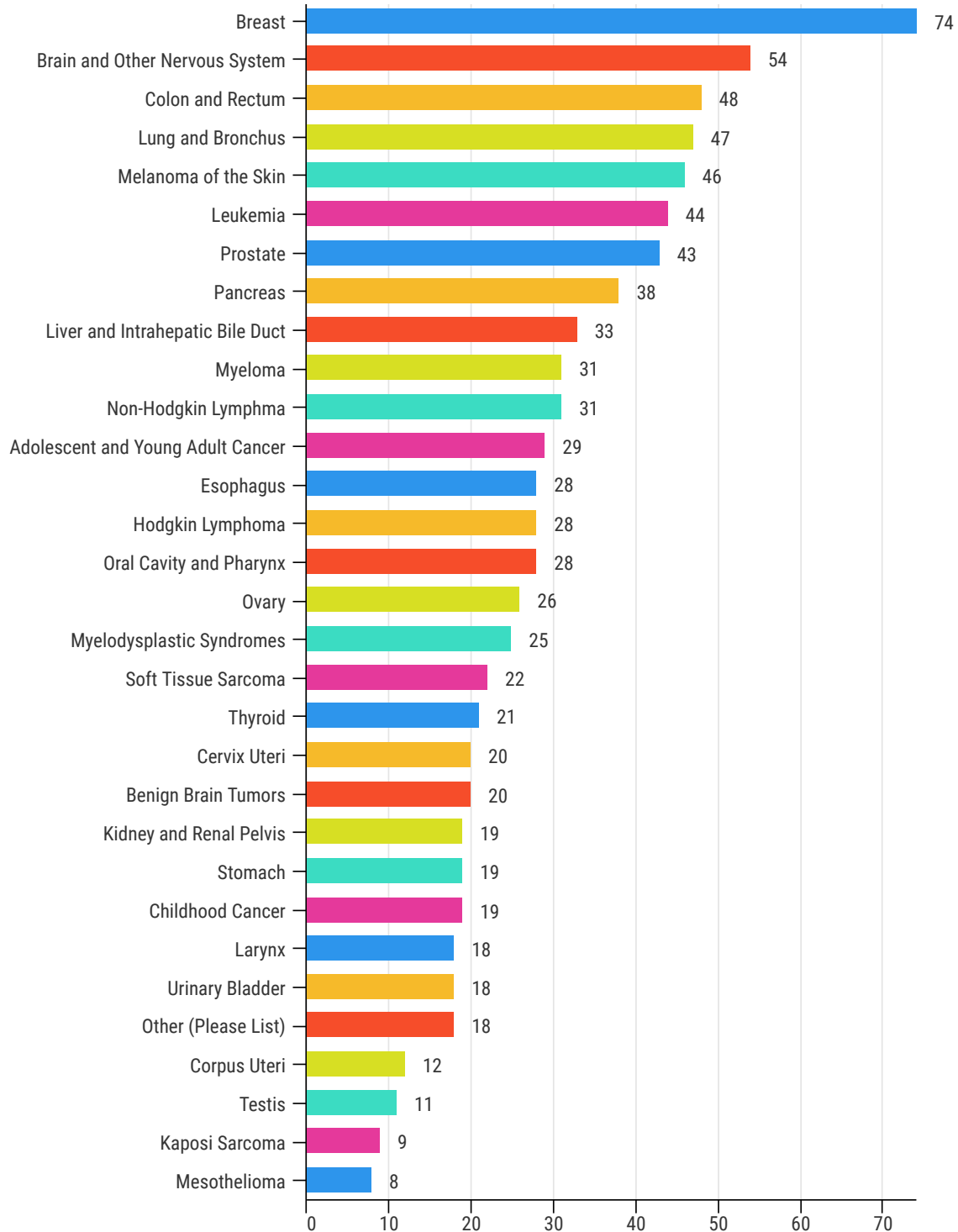
- Lung cancer (2)
- NSCLC lectures, CML
- Review of radon and lung cancer\
- Review tumor markers for lung cancer
- Small Cell Lung Cancer updates
- Stage 1 lung ca and low dose screenings/nodule clinics

2022 Participant Survey Feedback

In July 2022, UNCLCN asked participants to answer a short, nine-question survey. Over 150 people provided us with these snapshots of their preferences for the 2023 webinar series.

We asked: “What type(s) of cancer are you MOST interested in learning more about? Click on all that apply.”

They replied:



We asked: "What OTHER type(s) of cancer are you MOST interested in learning more about?"

They replied:

Animal cancers and if there are human corollaries; how can we learn from [One Health initiatives](#)

Anti-racist cancer research, and how to take those findings from knowledge to better practice

As a cancer registrar, I am interested in better understanding the terminology and language used by radiation oncologists, so I can better abstract radiation treatments.

Cancer program development

Clinical Trial Participation for People of Color

Helping parents be honest with their kids with cancer; therapeutic techniques

how to select a gene test

Intimacy and Sexual Functioning

Lymphadema management

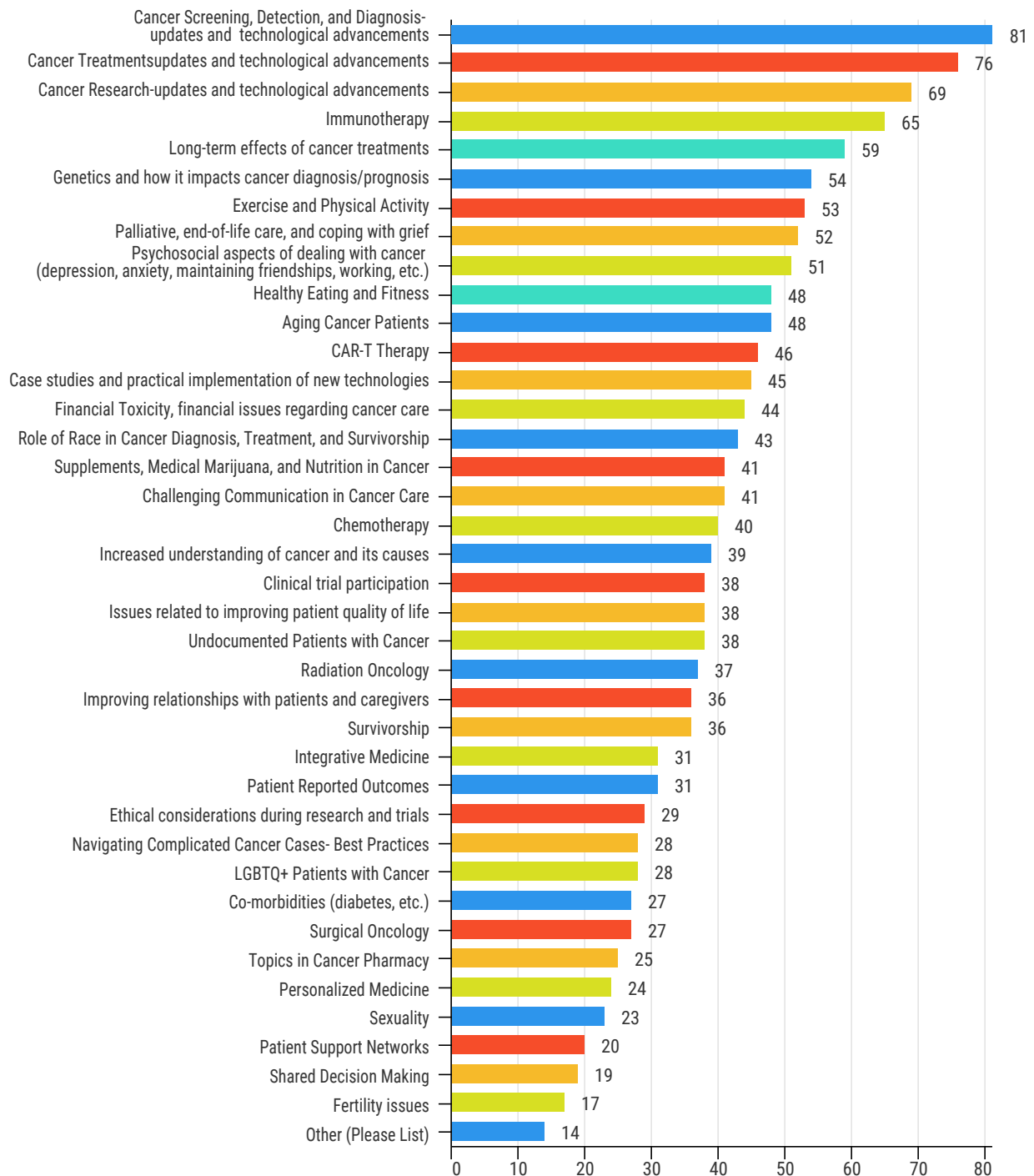
Occupational Therapy during treatment and in survivorship

Radiologist care & diagnosing.

those with the greatest success rates - with factoid assessments of "why" they are considered successes

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Radiologist care & diagnosing.

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We asked: *“Are there specific speakers you would like to see during the 2022 UNC Lineberger Cancer Network webinar series?”*

They replied:

Ashley Leak Bryant, PhD, RN, OCN, FAAN

Hanna Sanoff, MD, MPH

Jennifer Elston Lafata, PhD

Angelo Moore, PhD, RN at Duke Cancer
Institute

AnnMarie Walton, PhD, RN at Duke School
of Nursing

Pam Diggs, MPH at Blue Cross Blue Shield

Nadine Barrett, PhD at Duke University

Whitney Robinson, PhD at Duke University

Carmina Valle, PhD at UNC

Danny Ellis, PhD at ECU

We asked: "Are there specific topics you would like to see during the 2022 UNC Lineberger Cancer Network webinar series?"

They replied:

Any and all the oncology treatment disciplines on long-term effects of treatment.

Anything that can help me be a better OT for folks while inpatient.

Brain tumors, adult & pediatric.

Broad pathology talk (i.e. Surg Path 101); the role of the UNC Specialty Pharmacy in patient care; coordinating cancer care amongst other UNC cancer centers (Nash, McCreary etc)

Cancer Staging

Childhood cancers

Complex cancer case with multiple comorbidities and how nurses can support patients.

Continue Biology of Cancer - Understanding Cancer Series

Diagnosis and treatment of Carcinoid tumors.

Ethan's recent PROs in clinical care in JAMA

Facilitate research/science communication with patients and the public

Genetics in the complex multi type cancer patient - what causes and how to handle.

Highlights of impactful science and clinical trials that have come from LCCC

How diet affects cancer, cutting out sugar and even plant food both cause a lot of problems and no one seems to be concerned that food is causing cancer and helping it thrive. Need more than self reported studies as people lie, fudge or even forget.

Impact of Roe vs Wade and its Impact on Reproductive Health

Increasing Diversity in Clinical Trials

Inpatient Cancer Care Transitioning to Outpatient Care and Community Care

Institute ERAS protocols for breast surgery

Integrative medicine (massage and movement arts) and treatment outcomes

Interprofessional teamwork to provide comprehensive support and remove gaps. Rehabilitation services in Palliative Care.

Intro to translational/correlative trials, specimen based studies, observational trials

Lab tests for virus-related cancers, how to perform systematic reviews and draft practice

guidelines,

Melanoma and people of color, Recruiting People of Color for Clinical Trials or People of Color and clinical trials; Inadequate physician/patient communication and health disparities.

More Nutrition Topics

Myeloma and leukemia treatment updates

NC Comprehensive Cancer Action Plan 2020-2025

[One a health](#): cancer connections in humans and animals

Physical therapy's role in post-surgical care, exercise prescription, pain management, lymphedema management, sexual dysfunction, and pre-diagnosis screening.

Plain language use and health literacy methods

Programs available to cancer survivors (6+mo after treatment)

Proper performance of a screening clinical breast exam

Surgical techniques in mastectomy aesthetic flat closure

Pancreatic cancer screening for patients with BRCA gene mutations

Prostate cancer surgery

Someone to provide education to PCP and ED for Identified lung abnormalities where patients are told that they have cancer with no biopsy to confirm!! (teach ER and PCP providers)

Standard of care for cases "suspicious for cancer" (example: colon and prostate biopsies)

Technology Advances in Cancer Research

Timely topic: overcoming racial disparities' and what UNC plans to help close the gap. May be an over done topic, but timely in the present day.

Tumor evolution; precision medicine; adaptive therapy

Urology, occupational therapy in cancer survivorship,

Viral associated cancer

Ways to cope with the side-effects of steroid use (i.e: sarcopenic obesity) to treat childhood blood cancers

We asked: *“Is there recent or emerging research that you feel should be presented by UNCLCN in 2022?”*

They replied:

Advances in cancer markers, treatment
Antibody-Drug Conjugates; benefits and harms
- they have come on the scene quickly
CAR-T is always very interesting, as well as
any of the advancements in immunotherapy.
CAR-T Therapy
Diagnostic testing, specifically tumor genomics
and how it can impact treatment and circulating
tumor DNA for monitoring response and possibly
early detection,
ExoDx urine test for prostate cancer screening
Immunotherapy
Impact of Roe vs Wade and its Impact on
Reproductive Health
Increasing Diversity in Clinical Trials
Inpatient Cancer Care Transitioning to
Outpatient Care and Community Care
More Info on CAR-T

Multiple new mutations in cancer care with
newly identified treatments - where we were and
where we need to be.

PACT team

Role of new and emerging immunotherapies
as front-line treatments, i.e. dostarlimab which in
an early phase (small) trial put all participants into
remission...and the caution to use when looking
for this drug to do the same in different cancers

Screening tests for cancer in high risk patients,
selecting among gene technologies

Technology Advances in Cancer Research

Tumor evolution under T cell based
immunotherapy

UNC's research initiatives should define
those topics. They are of the greatest interest - as
compared to mainstream therapies.

Vaccine therapy for cancer

We asked: *“Are there any additional ways in which our presentations can be improved?”*

They replied:

Doing great!
Evenings 6:00 PM. Lunch time is impossible
for us to participate!!
Give outline or slide outline of each talk for
note taking.
Give list of 1-5 key references for college
student/ general practitioner.
Great work

I think the structure and delivery of the
presentations work extremely well.

Increased interaction would improve the
presentations.

Recorded so that working viewers can watch
later

They are great!

We asked: *“Please provide us with any additional feedback that you feel would be helpful as we plan for future webinars.”*

They replied:

All I have attended have been very well presented

Disseminate to nursing staff 2+ months ahead of time so they can schedule to attend what they're interested in. They can't listen mid-shift, and schedules are done 2 months out.

Excellent/outstanding educational lectures/webinars/programs on the network. Accept the praise and keep up your quest for improvement. Thank you!

I am getting a TON of emails from you all of a sudden. I held off on unsubscribing but hope you'll either offer separate mailing list options for different interest areas or pull back on the frequency of emails. Thanks!

I had an emergency and could not attend a webinar; I wanted to cancel my registration but could not find the way to do so on-line. I just did not attend, but felt badly because I could not cancel.

I see that the list of people who work at the lineberger should be updated and people who work at the lineberger under other programs should be involved and informed about events-I am working under the CITEM program but since I joined the program (in 2018) am a member of the lineberger. But unfortunately, never been sent an invitation to your events-I had to ask people from other labs to register-Thanks!

I would like to learn more about the topics selected.

If you could announce them several months in advance, that would allow quarterly publication to highlight them.

Please remind presenters to always define abbreviations/acronyms during the first use in the presentation for those attendees not savvy in that particular area of disease.

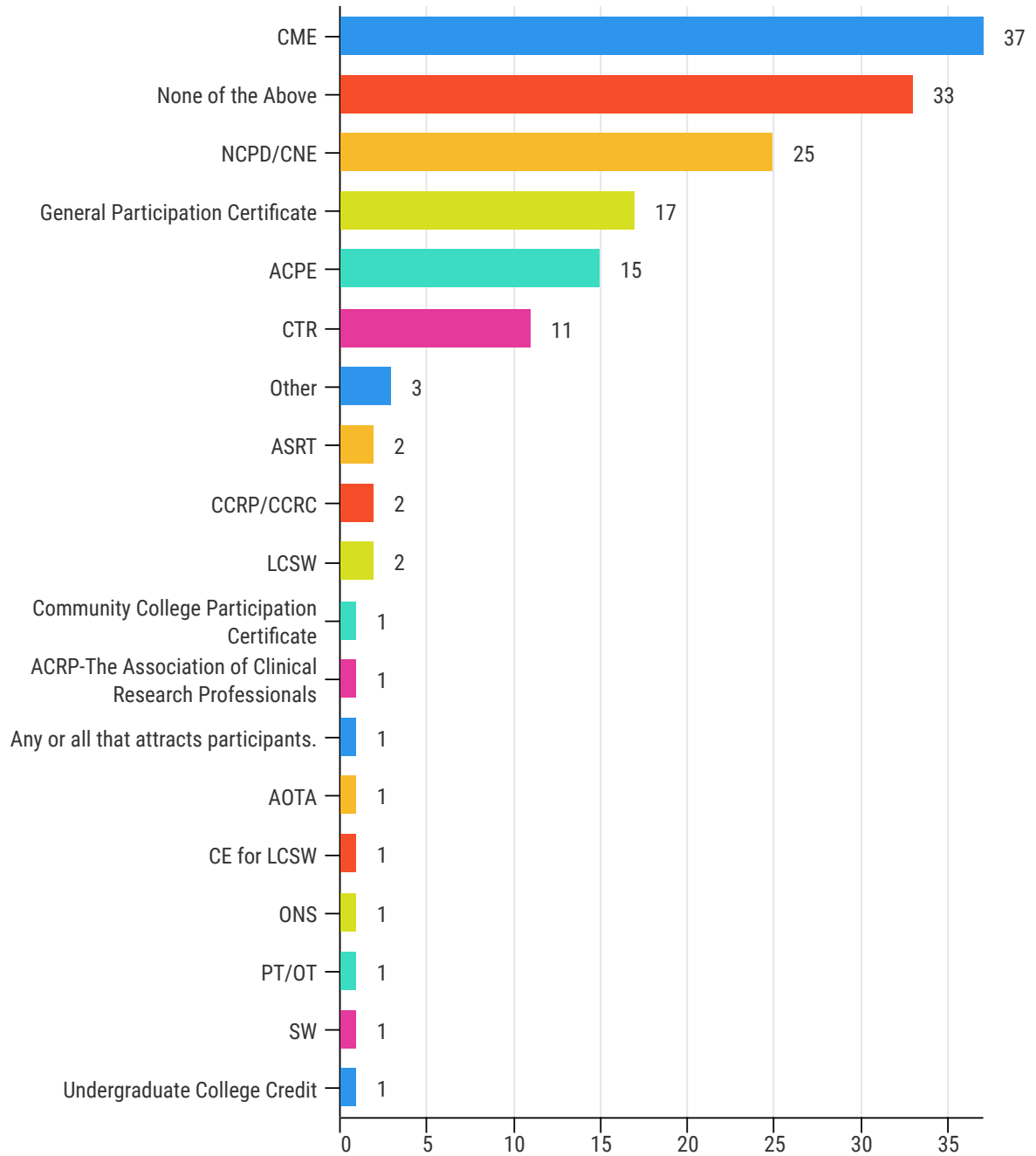
Please streamline your system for claiming CME post presentation. It seems rather cumbersome.

Thank you

The variety of topics presented in your 1 hour lunch and learn sessions keep audience coming back for more. I would recommend that you keep the content at clinical relevant and understandable level for front-line practitioners. If the content gets too academic and isolated to research - without clear clinical applications, it is easy to lose the clinical gold nuggets that we are all spending our "lunch time" to ferret out. One or two have been that way. all others..Kudos!

You provide a wide range of topics. Thank you so much for all of your hard work.

We asked: "Which type of CE credit are you most interested in?"
They replied:



UNCLCN Suggestions

During the past year, we thought of suggestions for speakers and topics for your consideration.

Trevor Jolly, MBBS

Jacquelyne Gaddy, MD

Amy DePue, MSN, RN, OCN, CBCN

Benyam Muluneh, PharmD, BCOP, CPP

Julia Rodriguez-O'Donnell, LCSW

Reducing Racial Disparities in Cancer Care

Addressing the Higher Mortality Rate of Black Patients with Melanoma

Working with Difficult Patients and Their Caregivers

Reducing the Effects of Racism on Patient Care

Improvements in Cancer Patient Care in the Digital Age

Using Telemedicine to Reduce Financial Toxicity

PCC and R2P Webinars in 2022

UNCLCN webinars presented for the **Patient Centered Care** and **Research to Practice** series in 2022.

PATIENT CENTERED CARE

RESEARCH TO PRACTICE

Lyn Filip, RN Pet Therapy in Oncology	1/12/22	No webinar	1/26/22
Kirsten A. Nyrop, PhD Obesity, Cancer, and Disparities	2/9/22	Hanna Sanoff, MD, MPH Gastrointestinal Cancer Management in North Carolina: Updates for 2022	2/23/22
Rachel Hirschey, PhD, RN Tammy Triglianos, DNP, ANP-BC, AOCNP Early Detection of Colorectal Cancer: Don't Get Left Behind "45 is the new 50"	3/9/22	Shetal Patel, MD, PhD Lung Cancer Management in North Carolina: Updates for 2022	3/23/22
Charles L. Loprinzi, MD Cryotherapy for Preventing Chemotherapy-induced Neuropathy: Proven, Promising-appearing, or Hogwash?	4/13/22	Tracy L. Rose, MD, MPH Advances in Peri-Operative Therapy in Bladder and Kidney Cancer	4/27/22
Allison Beam, MPAP, PA-C The Vital Role of Primary Care Providers in Breast Cancer Survivorship Care	5/12/22	No webinar	5/25/22
Kate Foreman, MS, CGC Cancer Genetics and Genetic Testing – It's Not All in the Family	6/8/22	Bianka Patel, PharmD, BCOP, CPP Topics in Cancer Pharmacy in North Carolina: Updates for 2022	6/22/22
Angela Smith, MD, MS Mobile Health and ePROs/Symptom Assessment to Assist with Surgical Recovery	7/13/22	Christopher Dittus, DO, MPH Lymphoma Management in North Carolina: Updates for 2022	7/27/22
Justin Yopp, PhD Psycho-Social Complications of Receiving a Cancer Diagnosis and Treatment during the Pandemic	8/10/22	William Blackstock, MD Radiation Oncology in North Carolina: Updates for 2022	8/24/22
Linnea Van Pelt, BSN, RN, CMSRN, OCN Overview of CCSP and All of Their Available Resources for Patients	9/14/22	Siddharth Sheth, DO, MPH Head and Neck Cancer Management in North Carolina: Updates for 2022	9/24/22
Cindy Kelly, FNP-BC, ACHPN Vineeta Rao, CPP Management of Cancer-Related Pain	10/12/22	Brian Colwell Jensen, MD Cardio-Oncology in North Carolina: Fitness, Function, and Late Effects	10/26/22
Patricia Morfeld, RN, BSN, OCN Oncology Care for the LGBTQ+ Patient	11/2/22	Joshua F. Zeidner, MD The Evolving Treatment Landscape of AML: Management of AML in 2022 and Beyond	11/16/22
Farrell Wiggins, OT Alexis Petteway, OT Occupational Therapy for Cancer Survivors	12/7/22	Speaker TBD Title TBD	12/21/22

PCC and R2P Webinars in 2021

UNCLCN webinars presented for the **Patient Centered Care** and **Research to Practice** series in 2022.

PATIENT CENTERED CARE

Jaime Richardson, BA, RN, BSN, OCN, CCRP Ashlynn Messmore, MS Amber Cipriani, PharmD, BCOP, CPP	1/13/21
Genetic Testing in Cancer Patients: A Case Illustration	
Ashley Leak Bryant, PhD, RN-BC, OCN	2/10/21
Interprofessional Collaboration in Caring for Adults with Cancer	
Frances A. Collichio, MD	3/10/21
Immune (check point) Related Adverse Events 2021	
Carly Bailey, MA	4/14/21
Making Exercise and Wellness Part of the Cancer Experience	
Denise Spector, PhD, MPH, ANP, RYT	5/12/21
Integrative Medicine and Cancer Care	
Jacob Stein, MD	6/9/21
Oncologic Emergencies	
Zev Nakamura, MD	7/14/21
Addressing Cognitive Dysfunction in Patients with Cancer	
No Webinar	8/11/21
Ronny Bell, PhD, MS	9/8/21
Marc Emerson, PhD, MPH	
Meeting the Cancer Prevention and Care Needs of North Carolina's Indigenous Communities	
No Webinar	10/13/21
Libby Hart, RN, BSN	11/10/21
Sharon Bigelow, RN, BSN	
Principals of Navigation	
Mary W. Dunn, MSN, RN, OCN, NP-C	12/8/21
Testicular Cancer	

RESEARCH TO PRACTICE

Wendell Yarbrough, MD, MMHC, FACS	1/27/21
Head and Neck Cancer Management in North Carolina: Updates for 2021	
Alice Ma, MD, FACP	2/24/21
Update in ITP and TTP	
Stephen Kimani, MD, MSc	3/24/21
COVID-19 and Oncology Practice	
Matthew I. Milowsky, MD	4/28/21
Genitourinary Oncology Update 2021	
Natalie Grover, MD	5/26/21
Faith Brianne Buchanan, PA-C	
Overview of CAR-T Cells and Toxicities	
Yara Abdou, MD	6/23/21
Breast Cancer Management in North Carolina: Updates for 2021	
Gita Mody, MD, MPH	7/28/21
Thoracic Surgical Oncology	
No webinar	8/25/21
Anne W. Beaven, MD	9/22/21
Lymphoma Management Updates for 2021	
No webinar	10/27/22
Matthew Foster, MD	11/17/21
Leukemia Management in North Carolina: Updates for 2021	
Dana Casey, MD	12/15/21
Radiation Oncology in North Carolina: Updates for 2021	

APP Webinars in 2021 and 2022

UNCLCN webinars presented for the **Advanced Practice Provider** series in 2021 and 2022.

ADVANCED PRACTICE PROVIDER

Deborah K. Mayer, PhD, RN, AOCN, FAAN APPs Role in Cancer Survivorship Care	5/19/21
Mary Peavey, MD, MSc Fertility Preservation in Cancer Care	6/16/21
Ali Shazib, DMD 7/21/21 Oral Complications Associated with Cancer Therapy: Identification and Practical Approaches	
Jennifer Spring, RD, CSO, LDN Gut Microbiome, Diet, and Cancer Immunotherapy	8/18/21
Lauren M.B. Burke, MD Introduction to Abdominal CT	9/15/21
Tessa M. Andermann, MD, MPH Common Infectious Disease Conundrums in Cancer	10/20/21
Gary Winzelberg, MD, MPH Promoting Effective Communication and Advance Care Planning for Patients with Cancer	11/17/21
Brian Colwell Jensen, MD Cardiotoxicity of Cancer Therapies: A Review for the Oncology Provider	12/15/21

ADVANCED PRACTICE PROVIDER

Cassiopeia Frank, MMSc, PA-C Key Concepts and Complications: Managing Cancer-Associated Thrombosis	1/19/22
Melissa Holt, DNP, PMHNP-BC, MSW Psycho-Oncology: Supporting the Mental Health of Oncology Patients	2/16/22
No webinar	3/16/21
Helen Tackitt, NP Cancer Survivorship Care in Primary Care	4/20/22
Melissa Matson, MSN, RN, AGPCNP-BC Sex and AYAs with Cancer: Mitigating Risk and Managing Sexual Dysfunction	5/18/22
Mariama Evans, MD Laboratory Workup for Transfusion Reactions	6/15/22
Julienne S. Harris, MSN, FNP-C Ostomies and Enteral Tubes	7/20/22
Katie Riffle, MSN, FNP-BC What can VIR do for you?	8/17/22
Dominika James, MD Principles of Pharmacologic and Interventional Management of Cancer Pain	9/21/22
Melissa Holt, DNP, PMHNP-BC, MSW Right Image for the Right Patient: A Guide to Ordering Abdominal Radiological Studies	10/19/22
Lara Novak, PA-C Radiation Side Effects	11/9/22
Megan McElfresh, PA-C GVHD Post Stem Cell Transplant: An Overview of Pathophysiology, Diagnosis, and Treatment of Graft vs Host Disease Post Stem Cell Transplant	12/14/22

PCC and R2P Webinars in 2020

UNCLCN webinars presented for the **Patient Centered Care** and **Research to Practice** series in 2020.

PATIENT CENTERED CARE

Gabrielle Brennan, MS, ACSM EP-C, CET The Benefits of Exercise for Cancer Patients	1/8/20
Justin Yopp, PhD The Role of Patient Support Networks in Cancer Outcomes	2/12/20
Julia Rodriguez-O'Daniel, LCSW Meeting the Needs of Undocumented Patients with Cancer	3/11/20
Amy Goetzinger, PhD Use of Opioids in Patients with Cancer in NC	4/8/20
Deborah Mayer, PhD, RN, AOCN, FAAN Delivering Survivorship Care in NC	5/13/20
Samuel Cykert, MD Christina Yongue, MPH, MCHES The Role of Race in Cancer Diagnosis, Treatment and Survivorship	6/10/20
Angela M. Stover, PhD Patient-Reported Outcomes (PROs) in Cancer Care	7/8/20
Michelle Gardiner, PharmD, BCOP, CPP Recognizing and Managing Side Effects of Cancer Treatment	8/12/20
Amanda H. Corbett, PharmD, BCPS, FCCP Supplements, Medical Marijuana, and Nutrition in Cancer	9/9/20
Terri Phoenix, PhD Patricia Morfeld, RN, BSN, OCN Meeting the Needs of Transgender Patients with Cancer	10/14/20
Hyman B. Muss, MD The Aging Cancer Patient Population in NC	11/11/20
Stephanie B. Wheeler, PhD, MPH Donald Rosenstein, MD If You Have to Ask, You Can't Afford It: Addressing Financial Toxicity among NC Cancer Patients	12/9/20

RESEARCH TO PRACTICE

Young Whang, MD, PhD Prostate Cancer Management in NC: Updates for 2020	1/22/20
Joshua Zeidner, MD Management of Acute Myeloid Leukemia in 2020: A Paradigm Shift for Older Adults?	2/26/20
Frances Collichio, MD Immune (check point) Related Adverse Events	3/25/20
Siddharth Sheth, MD Head and Neck Cancer Management in NC: Updates for 2020	4/22/20
Michael Lee, MD Gastrointestinal Cancer Management in NC: Updates for 2020	5/27/20
Trevor Royce, MD, MPH Radiation Oncology in NC: Updates for 2020	6/24/20
Emily Ray, MD, MPH Breast Cancer Management in NC: Updates for 2020	7/22/20
Shetal A. Patel, MD, PhD Lung Cancer Management in NC: Updates for 2020	8/26/20
Dominika James, MD Neuraxial Anesthesia in Prevention of Cancer Recurrence	9/23/20
Benyam Muluneh, PharmD, BCOP, CPP Topics in Cancer Pharmacy in NC: Updates for 2020	10/28/20
Christopher Dittus, DO, MPH Lymphoma Management in NC: Updates for 2020	11/18/20
Emily Olsson, CCRP Alicia Bilheimer North Carolina Cancer Challenge 2020: Improving Enrollment into Cancer Clinical Trials	12/16/20

RN&AH and MS Webinars in 2019

UNCLCN webinars presented for the **RN and Allied Health** and **Patient Centered Care** series in 2019.

RN and Allied Health

Katherine Reeder-Hayes, MD, MBA, MSc Stephanie Wheeler, PhD, MPH Disparities in Breast Cancer: A Biology, Health Services and Solutions Story	1/9/19
Jacob Hill, ND, MS Safety Considerations When Managing Dietary Supplements in Cancer Care	2/13/19
Zev Nakamura, MD Cancer-Related Cognitive Impairment: More Than a Side Effect of Chemotherapy	3/13/19
Tammy Allred, RN, OCN Preparing Patients for Chemotherapy	4/10/19
Marc Bjurlin, DO, MSc, FACS Meredith Crabtree, FNP-C Prostate Cancer Screening	5/8/19
Katharine Harrell, NP-C Helping Patients with Breast Cancer	6/12/19
Jayne Camporeale, MS, RN, OCN, APRN Mary Fleming Knowles, MSN, ANP Radiation Oncology 101	7/10/19
Shifali Arora, MD Kathleen Ferrell, MPAS, PA-C Helping Patients with Esophageal Cancer	8/14/19
Claire Gillett, MSN, RN, OCN Professional Development and Continuing Education for Oncology Nurses	9/11/19
Myriam Peereboom, MBA/MHA, CMI, CHITM Working with Patients through Interpreter Services	10/9/19
Marie Malikowski, RN, MHA, CCRP Understanding Treatment Plans and Clinical Trials	11/13/19
Melissa Walter, MPH, RDN, LDN Nutrition and the Aging Brain in Cancer Care	12/11/19

Medical and Surgical Oncology

Brandi Reeves, MD Matthew Foster, MD Best of ASH 2018: Myeloma and Leukemia/MDS	1/23/19
Stephan Moll, MD Anne W. Beaven, MD Key 2018/2019 Developments in Lymphoma and Thrombosis/Anticoagulation	2/27/19
Yuliya Pylayeva-Gupta, PhD Immunological Mechanisms in Pancreatic Cancer	3/27/19
Raj S. Pruthi, MD Improving Outcomes in Radical Cystectomy	4/24/19
Trevor Hackman, MD, FACS The Role and Importance of HPV Infection in Head and Neck Cancer	5/22/19
Lisa Carey, MD Decision-Making in Metastatic Breast Cancer	6/26/19
Autumn McRee, MD Emily Ray, MD, MPH Best of ASCO 2019: Breast and Gastrointestinal Cancers	7/24/19
Jared Weiss, MD Tracy Rose, MD, MPH Best of ASCO 2019: Lung and Genitourinary Cancers	8/28/19
Brian Colwell Jensen, MD Cardiotoxicity and New Therapies	9/25/19
Bhisham Chera, MD Clinical Trial Update in Head and Neck Cancer	10/23/19
Paola A. Gehrig, MD Gynecologic Cancer (title subject to change)	11/27/19
Andrew Wang, MD New Indications for Radiotherapy	12/18/19

RN&AH and MS Webinars in 2018

UNCLCN webinars presented for the **RN and Allied Health** and **Medical and Surgical Oncology** series in 2018.

RN and Allied Health

Aimee Faso, PharmD, BCOP, CPP Fluorouracil (5-FU) Toxicities and Strategies for Management LIVE	1/10/18
Samantha Meltzer-Brody, MD, MPH Provider Burnout and Compassion Fatigue in the Clinic	2/7/18
Donald Rosenstein, MD Justin Yopp, PhD Improving End-of-Life Care: What Can We Learn from the Bereaved?	3/14/18
Meredith Moyers, MS, RD, CSO, LDN The 7th Vital Sign: Identifying Malnutrition	4/11/18
Alisha Benner, MD Medical Marijuana: It's High Time to Talk	5/9/18
Cherie M. Kuzmiak, DO, FACR, FSBI Breast Imaging Technologies: Cancer Detection & Personalized Medicine	6/13/18
Nicole Sartor, RN, MSN, C-PNP-PC Palliative Care Opportunities	7/11/18
Deborah K. Mayer, PhD, RN, AOCN, FAAN Survivorship Care Planning: Beyond Standard 3.3	8/8/18
Paul Armistead, MD, PhD Immunotherapy 101	9/12/18
Katherine Morgan, PharmD Understanding Oncology Drug Interactions	10/10/18
Lauren Lux, LCSW Caring for Adolescents and Young Adults Living with Cancer: Meeting their Unique Medical and Psychosocial Needs	11/14/18
Joanne Pizzino, MD, MPH Complementary Therapies in the Treatment of Cancer	12/12/18

Medical and Surgical Oncology

Jason Akulian, MD, MPH Managing Cancer Heterogeneity	1/26/18
Chad Pecot, MD Immunotherapy Advances in Lung Cancer	2/21/18
Thomas Alexander, MD, MPH Meeting the Unique Needs of Pediatric Oncology Patients	3/28/18
Matt Milowsky, MD GU Cancers: Best of ASCO	4/25/18
Joshua Zeidner, MD Acute Myeloid Leukemia (AML): Finally Making Progress?	5/23/18
Lisa Carey, MD Using Biomarkers to Plan Adjuvant Therapy in Breast Cancer	6/27/18
Michael Lee, MD Novel Molecularly Targeted Therapies and Biomarkers in Advanced Colorectal Cancer	7/25/18
Temitope O. Keku, MSPH, PhD Recent Advances on the Gut Microbiome and Cancer Therapy	8/22/18
Simon Khagi, MD Tumor Treating Fields for Glioblastoma	9/26/18
Claudio L. Battaglini, PhD, FACSM Bill Wood, MD Aerobic and Resistance Exercise in Cancer Patients: Methods and Benefits	10/24/18
Leeza Park, MD Understanding and Treating Anxiety & Depression in Patients and Families with Advanced Cancer	11/28/18
Natalie Grover, MD An Update on CAR T Therapy	12/19/18

RN&AH and MS Webinars in 2017

UNCLCN webinars presented for the **RN and Allied Health** and **Medical and Surgical Oncology** series in 2017.

RN and Allied Health

Medical and Surgical Oncology

Julianne O'Daniel, MS, CGC Using Genetics and Genomics for Cancer Risk Identification	1/11/17	Kenneth Ataga, MBBS Sickle Cell Disease: An Overview and Updates	1/25/17
Brian Jensen, MD Late Effects of Cancer Treatment: Managing Cardiac Toxicity	2/8/17	Matthew Foster, MD Acute Myeloid Leukemia: An Overview and Updates	2/22/17
Jennifer Spring, RD, CSO, LDN Nutrition Update: Prevention, Treatment, and Recovery	3/8/17	Karyn B. Stitzenberg, MD, MPH Promising New Treatment Options for Rectal Cancer	3/22/17
Benyam Muluneh, PharmD, BCOP, CPP Oral Chemotherapy: Overcoming the Challenge of Adherence	4/12/17	Ethan Basch, MD, MSc Impact of Patient Reported Outcomes on Patient Care	5/24/17
Kim Keller, RN, MSN, OCN Understanding the Pivotal Role of Nursing in Clinical Trials	5/10/17	Brandi Reeves, MD Treatment of Relapsed and Refractory Multiple Myeloma	6/27/17
Amy Depue, RN Jacquelyn Webb, BSN, RN, OCN The Power of Teamwork: Navigating Patients with Complex Needs	6/14/17	Benjamin Vincent, MD New Options for Immunotherapy: Where We Are and Where We're Going	7/26/17
Trevor Jolly, MBBS Care for Older Adults with Cancer: Who, When, Where, Why, and How?	7/12/17	Tracy L. Rose, MD, MPH Renal Cell Carcinoma: Past, Present, and Future	8/23/17
AnnMarie Walton, PhD, RN, MPH, OCN, CHES Pesticide Protective Behavior in Agriculture: A Cancer Prevention Strategy	8/9/17	Juneko Grilley-Olson, MD Head and Neck Cancer: Treatments and Complications	9/27/17
Meredith Keisler, PharmD, CPP Management of Malignant Pain in the Era of Opioid Epidemic	9/13/17	Kevin Pearlstein, MD The Role of Radiation Therapy in Advanced and Metastatic Disease	10/25/17
Kyle Lavin, MD, MPH Medications: I am not a prescriber, what do I need to know?	10/11/17	Frances Collichio, MD Advances in Melanoma Cancer Treatment	11/15/17
Gary Winzelburg, MD, MPH Role of Palliative and Hospice Care in Improving Quality of Life	11/8/17	Claire Dees, MD, MSc Metastatic Breast Cancer 2017	12/13/17
Gary Asher, MD, MPH The Evidence Base for Integrative Approaches to Cancer Care	12/6/17		

2021 NC Projected New Cancer Cases

Some recent statistics on cancer from the State of North Carolina Department of Health and Human Services. Their website does not currently have statistical projections for 2023.

<i>Breast, Female (includes in situ)</i>	9,741	<i>Non-Hodgkin Lymphoma</i>	2,334
<i>Prostate</i>	8,328	<i>Uterine Corpus</i>	1,908
<i>Lung and Bronchus</i>	9,247	<i>Leukemia</i>	1,904
<i>Colorectum</i>	4,794	<i>Pancrease</i>	1,847
<i>Melanoma of the Skin</i>	3,453	<i>Oral Cavity and Pharynx</i>	1,718
<i>Urinary Bladder</i>	2,720	<i>All Other</i>	15,319
<i>Kidney and Renal Pelvis</i>	2,389	<i>Total</i>	65,702

Department of Health and Human Services Statistics and Reports

Statistics and reports on cancer can be found at the Department of Health and Human Services. What follows is a list of available reports at <https://schs.dph.ncdhhs.gov/data/cancer.cfm>.