

Advanced Applications in Medical Practice

18 AMA Category-1 CME Hours

Seattle, WA - Friday through Sunday: October 25, 26 and 27, 2019

Theme: Integrative and Naturopathic Oncology for the 21st. Century

Friday, October 25th

Morning Focus: Why Metabolic Oncology is Critical to Better Outcomes

7:00 - 8:00 AM **BREAKFAST - Organic, vegetarian and gluten free options**

8:00 – 8:15 AM Jeremy Phillips: Opening Remarks and Welcome

8:15 – 8:45 AM **Dr. Anderson – Metabolic – Mitochondrial Targets in Oncology**

Dr. Anderson will relate patient outcomes (and therapeutic discoveries) from Stage-4 “salvage” therapy using metabolic and mitochondrial targeted therapies.

8:45 - 10:15 AM **Dr. McKinney - Metabolism, Mitochondria and Epigenetics**

In this session Dr. McKinney will take a deep dive into the science and clinical application of mitochondrial – metabolic cancer therapy. This follow on to Dr. Anderson’s introductory case series will give the attendee the ability to build and customize therapies for maximum oncology outcomes.

10:15 – 11:00 AM **BREAK**

11:00 – 11:30 AM **Dr. Allderdice – Mastering Metabolism: Fasting for patient during chemotherapy and beyond**

An intervention growing in acceptance across oncology, therapeutic fasting to augment chemotherapy is an excellent inclusion for those patients requiring chemotherapy. In this session Dr. Allderdice will give background to the science behind this and instructions for the clinical application in practice.

11:30 – 12:00 PM **Dr. McKinney – Cannabinoids in Oncology Part-1**

In part-1 of this two-part session of cannabinoids in oncology Dr. McKinney will outline the use of cannabinoids in regard to anti-cancer use.

12:00 PM – 12:45 PM **Dr’s. Trutt and Anderson – Red Flags, Emergencies and Patient Safety**

In this session Dr’s. Trutt and Anderson will remind the attendee of the various places a cancer case can go awry – and emergency medicine may be required. Dr. Trutt will use his experience as a Board-Certified Emergency Physician and Dr. Anderson his long clinical experience with Stage-4 and dying patients to relate “red-flags”, critical findings and patient presentations to be mindful of.

12:45 – 1:15 PM **Bob Miller, CTN - Genetic and Epigenetic Factors Resulting in Increased mTOR Activity (Non-CME)**

The signaling pathways that activate mammalian target of rapamycin (mTOR) are altered in many human cancers. The NutriGenetic Research Institute has been studying how both genetic weakness and epigenetic factors may upregulate mTOR and down regulate Autophagy. In this talk, we will explore how Functional Genomics can be

used to identify potential over stimulation of mTOR and how to use nutritional intervention to reduce an overactive mTOR.

1:15 – 2:30 PM **LUNCH- Organic, vegetarian and gluten free options**

Afternoon Focus: Assessment and Treatment in Active Oncology Patients

2:30 – 3:00 PM **Dr. Anderson – Testing and Assessment in the Oncology Patient**

In this focused session Dr. Anderson will relate clinically useful monitoring tips to help monitor your patient with cancer. When to follow tumor markers, what CTC's mean, very useful "non-specific" lab markers to follow, pseudo-progression and more.

3:00 – 3:30 PM **Dr. Trutt - BHRT: Use of hormones in hormone responsive / receptor positive cancers.**

What do we really know from the data? What are the potential risks and benefits? While there are not voluminous data on the use of HRT in cancer patients (beyond "blocking" strategies) there are data on safety and efficacy in some cancer types. Dr. Trutt will present the data that do exist and relate that to clinical use, safety and patient management implications.

3:30 – 4:00 PM **Dr. Weber - Intravenous and Interstitial Photodynamic Laser Therapy
Producing Groundbreaking Results in the Treatment of Cancer (Non-CME)**

Leading Expert and Pioneer of Photodynamic Laser Therapy, Dr Michael Weber will outline the theory, supported by case studies to show this rapid medical evolution.

4:00 – 4:45 PM **BREAK**

4:45 – 5:30 PM **Dr. Anderson – Patient Support during Stem-Cell and Radiation Procedures**

Always controversial, but none the less critical, supporting patients during the processes of Stem Cell or Radiation therapies is a critical part of improving outcomes for those patients. Dr. Anderson will draw on the latest science as well as a great deal of experience treating patients during these therapies to relay current treatment ideas and best practices.

5:30 – 6:00 PM **All Faculty Panel – Theme: "Support and Treatment Best Practices during
Active Oncology Treatment"**

6:00 – 8:00 PM **Cocktail Reception**

Saturday, October 26th

7:30 – 8:30 AM **BREAKFAST - Organic, vegetarian and gluten free options**

**Morning Focus: Clinical Thinking and Modalities to help during
Active Treatment and Recovery**

8:30 – 9:30 AM **Dr. Anderson – Clinical Thinking in Integrative Oncology**

What “part” of the cancer process is the patient in, and why does it matter? Are they: Newly diagnosed and in active treatment / In a recovery phase from active treatment / Seeking secondary prevention? How can specifically tailored interventions produce better short and long term outcomes for the patient with cancer?

9:30 – 10:30 AM **Dr. Anderson – Modalities of Note in Integrative Oncology**

In this session Dr. Anderson will describe and relate his experience with specific modalities used more and more in integrative oncology. While not always things every office will have they are excellent additions to some cases and knowing the correct time to employ them (yourself or as a referral) can enhance cancer care. Modalities such as LDN, HBOT, Laser/PDT, Heat and others will be included.

10:30 – 11:15 AM **BREAK**

11:15 – 11:45 AM **Dr. Allderdice – pH Balance: A judicious approach to using bicarbonates in the body**

The idea of pH in cancer metabolism and care is often misunderstood. In this session Dr. Allderdice will quickly review the salient science and outline the best interventions in practice to maximize acid-base effects on cancer.

11:45 – 12:30 PM **Dr. Anderson – Clinical Thinking: IV Use in Oncology**

While this CME event is NOT an IV course it is important that the clinical management of IV therapies be discussed. Dr. Anderson will draw from his decades experience and research in oncology IV therapeutics to discuss best practices of IV therapy clinical application. What “categories” / mechanisms the various therapies occupy, when they are most appropriate and when not.

12:30 – 1:00 PM **Dr. Citrin - The spectacular role of the human microbiome in preventing post-prandial or metabolic endotoxemia, the number one cause of mortality worldwide. (Non-CME)**

An often-overlooked role of the microbiome is to prevent post-prandial endotoxemia and the inflammatory devastation that follows. This lecture will illustrate the danger of having post-prandial endotoxemia and why this condition is being called the number one cause of mortality worldwide as it sets up the body for virtually every chronic disease.

1:00 – 2:15 PM **LUNCH- Organic, vegetarian and gluten free options**

Afternoon Focus: The Therapeutic Relationship, Special Populations and Safe Practices

2:15 – 3:15 PM **Dr. Niesley – The Truly Healing Patient Relationship**

Dr. Niesley will discuss how to create a confident and calming relationship for our patients. How to move beyond their (often distressing) experiences in large medical centers and how we can empower patients via education using calm, confident, out of the box recommendations that make them more comfortable and ultimately better.

3:15 – 4:15 PM **Dr. Trutt - BHRT: What are the data on risks?**

BHRT and cancer? What is proven, what is conjecture and what is just plain wrong? In this session Dr. Trutt will look at the actual risks, or lack thereof, of future cancer in those using HRT / BHRT. This area is often confusing for both practitioners and patients and the goal of this discussion of the data is to provide clarity on this important topic.

4:15 – 5:00 PM **BREAK**

5:00 – 5:30 PM **Dr. Anderson – Clinical Thinking Part-2 Pediatric Oncology**

While we may not all treat pediatric oncology patients there are a few specific (and critical) points to remember when interacting with the pediatric patient with cancer. Dr. Anderson will relay briefly his clinical pearls from years of pediatric patient care in the oncology setting.

5:30 – 6:00 PM **All Faculty Panel – Theme: “Supporting the Patient in the Recovery Process”**

6:00 – 8:00 PM **Interactive Demonstration Workshops**

This is your chance to see hands-on demonstrations of new technologies as well as asking direct questions in a small group setting.

*** Food and beverage will be provided in workshop rooms as well.**

Sunday – October 27th

7:30 – 8:30 AM **BREAKFAST - Organic, vegetarian and gluten free options**

Morning Focus: Secondary Prevention and Patient Support

8:30 – 9:00 AM **Dr. Anderson - Supportive Measures and Special Circumstances**

In this brief but pointed session Dr. Anderson will discuss supporting recovery of bone marrow, blood counts and related hematologic issues. Additionally, mention of special feeding access (enteral tube types and compatibilities for supplements etc.) will be discussed.

9:00 – 10:00 AM **Dr. Anderson – Diet in Oncology**

While the AAMP conference a year prior (metabolic therapies) focused mainly on diet modalities this conference is more global and so our time to include diet is more restricted. That said this presentation aims to focus on “when” certain diets are appropriate, how a “therapeutic” diet differs from a “maintenance” or “palliative” diet and how they can support metabolic – mitochondrial based therapies as well as general oncology care. Additionally, actual retrospective case data will be discussed in regard to dietary impact on the cancer patient progress.

10:00 – 10:30 AM **Special Presentation BioBotanical Research (Non-CME)**

10:30 – 11:15 AM **BREAK**

11:15 – 11:45 AM **Dr. McKinney – Cannabinoids in Oncology Part-2**

In this second part of the discussion of cannabinoids in cancer care Dr. McKinney will continue the discussion started in Part-1 and provide clinical tips for implementing cannabinoids for treatment, palliation and overall cancer care.

11:45 – 12:15 PM **Dr. Niesley – Evidence Based Care in the Setting of Active Oncology Practice**

It is common to hear statements in integrative oncology such as “we are doing cutting-edge care, we cannot wait for the data to catch up” or “it is unsafe to proceed with integrative therapies not well studied” and the like. So, what does one do? Dr. Niesley will use her years as research director and training in research to provide a discussion of the complexities regarding the juxtaposition of evidence-based care and the things we do that haven't been studied via RCT's that all benefit patients, and how to best marry the two.

12:15 – 12:45 PM **Dr. Anderson - Off-label Drugs in Oncology**

Antibiotics, Anti-parasite and other drugs in cancer care? These seem to be making a lot of waves in oncology these days. Dr. Anderson will outline the data for and use of the primary off-label drug strategies as well as his experience with them. He will also look at the limitations of some of the “proprietary” type off-label therapies and clinics.

12:45 – 1:15 **Dr. Anderson – Secondary Prevention Part-1**

What is best for patients once they have “no evidence of disease”, “stable disease” or are in “remission”? What matters most and how do I proceed? Dr. Anderson will use his clinical experience informed by a great deal of data regarding “what causes cancer to reoccur” and how we can best set up our patients for successful, longer remissions.

1:15 – 2:15 PM **LUNCH- Organic, vegetarian and gluten free options**

Afternoon Focus: Secondary Prevention and Clearing up Oncology-Myths

2:15 – 2:30 PM **Dr. Anderson – Secondary Prevention Part – 2**

In this follow up to the first part Dr. Anderson will provide an outline for assessment and treatment specifically oriented to secondary prevention. What to assess, how to prioritize and treat.

2:30 – 4:00 PM **Dr. Anderson – Controversies (or maybe not) in Integrative Oncology**

We hear “sound bites” saying ‘DON’T USE THIS IN CANCER PATIENTS’, or ‘THIS IS DANGEROUS’ etc. and are often confused. It becomes more confusing when the ‘experts’ will not all agree and the treating physician is often not in a position to delve deeply into the science. Dr. Anderson will break these areas down, look at the science and the clinical subtleties (i.e. sometimes it’s a bad idea, sometimes it’s a good idea) in each area.

- Biological Drugs
- Iron
- Glutathione
- Glutamine
- Vitamin B12
- Methylation
- Iodine
- NAD
- Vitamin C and Leukemia
- Chemotherapy and Natural Medicine Timing
- More!

4:00 – 4:15 PM **Tea Break**

4:15 – 4:45 PM **All Faculty Panel – Theme: “Secondary Prevention and Patient Support – Best Practices”**

4:45 PM **Adjourn**
