



Faculty Lectures And Timings

REGISTRATION & BREAKFAST

Expo Hall: 7:00am - 8:00am

8:00am – Welcome & Introductory Remarks - JEREMY PHILLIPS

Morning Theme: **HYPERTENSION INTENSIVE – LATEST UPDATES**

8:15am – 8:45am – PAUL ANDERSON, N.M.D.

Vascular Inflammatory Biology – Getting the Players Identified

The conference will be fast-paced and full of detailed information on cardiovascular assessment and treatment. In this session Dr. Anderson will outline the immunobiology of the cardiovascular system, identify the main “players”, and discuss their importance in pathology and laboratory assessment.

8:45am – 10:15am – MARK HOUSTON,

Revolutionary Approaches to the Prevention and Treatment of Hypertension: Pathophysiology and Clinical Concepts

In this presentation Dr. Houston will review the pathophysiology of hypertension and discuss the clinical aspects of hypertension. Specific attention to diagnostic testing, understanding and reviewing this testing for hypertension and cardiovascular disease will be given.

MORNING BREAK: 10:15am – 11:00am

11:00am – 12:00pm – MARK HOUSTON,

Revolutionary Approaches to the Prevention and Treatment of Hypertension: Diagnostic testing and Treatment

In this presentation Dr. Houston will discuss the natural treatment of hypertension. He will also review common drug therapy for hypertension as well as a review of lifestyle treatments.

12:00pm – 12:30pm – Medical Presentation (Non-CME)

LUNCH BREAK: 12:30pm – 1:45pm

Faculty Lectures And Timings

Afternoon Theme: **CASE DISCUSSIONS**

1:45pm – 3:15pm – MARK HOUSTON,

Clinical Case Presentations in Hypertension

In this case series Dr. Houston will discuss the clinical presentation and management of hypertension. Cases on hypertension and genetics, hypertension and natural therapy, and cases on drug treatment will be discussed.

3:15pm – 3:45pm – Medical Presentation (Non-CME)

AFTERNOON BREAK: 3:45pm – 4:30pm

4:30pm – 5:15pm – PAUL ANDERSON, N.M.D.

Toxic Influences on Cardiac Function

Most clinicians understand that the cardiovascular system is affected by toxins. In this session Dr. Anderson will discuss the types of toxic influences and their effect on cardiac function. This session will be followed by two more which will outline more effects and therapeutic interventions.

5:15pm – 6:00pm

EXPERT PANEL DISCUSSION – All Faculty Hypertension, Toxicology, and Beyond

6:00pm – 7:30pm Evening Reception

Day 1 Agenda – May 30th, 2025



Faculty Lectures And Timings

REGISTRATION & BREAKFAST

Expo Hall: 7:00am - 8:00am

Morning Theme: **RISK FACTOR STRATIFICATION**

8:00am – 8:45am – PAUL ANDERSON, N.M.D.

Coagulation Conundrums Part-1

Elevations in D-dimer, Fibrinogen, CRP, inflammatory coagulopathy, and micro-clotting. Nothing new here, but since COVID we have seen a greater number of patients with these factors affecting clotting.

In this two-part session Dr. Anderson will discuss the immunobiology of these factors leading to macro and micro coagulopathy, their diagnosis, and therapies to assist resolution.

8:45am – 9:45am – DAN CHONG, N.D.

Beyond Cholesterol: Building a practical, evidence-based blood panel to assess cardiovascular risk without ordering EVERYTHING

This lecture will review some of the confusion and controversy in the health community regarding utility of lab-based risk factors for ASCVD, especially in regard to the utility or lack thereof of LDL-C vs other lab tests, how to prioritize what to order on our patients in different settings, and what are the most proven tests to run outside of the classic lipid panel.

Attendees will come away with clinically applicable information to help best assess risk in their patients' using labs, simply, thoroughly, and inexpensively.

MORNING BREAK: 9:45am – 10:30am

10:30am – 11:30am – STEVE PARCELL, N.D.

Nitric oxide, endothelial function, and the endothelial glycocalyx

Nitric oxide function, the endothelium and glycocalyx actions have significant effect on vascular function. In this presentation we will discuss the pathophysiological basis of these factors, and implications of addressing them. Pre and post carotid artery ultrasounds which have improved with addressing the endothelium will be reviewed.

11:30am – 12:00pm – Medical Presentation (Non-CME)

LUNCH BREAK: 12:00pm – 1:15pm

Faculty Lectures And Timings

Afternoon Theme: **CARDIAC IMAGING AND RHYTHM CONSIDERATIONS**

1:15pm – 2:45pm – STEVE PARCELL, N.D.

AI-driven coronary CT angiogram as a tool for risk stratification and outcome tracking

Advances in software have allowed for a deeper analysis of conventional coronary CT angiograms (CCTA), allowing the provider to see three different plaque morphologies. Arterial plaque can now be color-coded, and morphology can be identified more accurately than in the past. Coronary artery calcium scoring (CAC), is now widely available and inexpensive. Although CAC is helpful in the identification of coronary artery disease, more is needed. CAC does not give the degree of stenosis and only measures one type of plaque. Getting more sensitive and specific plaque morphology data and degree of stenosis drives decisions and improves outcomes.

2:45pm – 3:15pm – PAUL ANDERSON, N.M.D.

Coagulation Conundrums Part-2

In part-2 of this presentation Dr. Anderson will continue to discuss the immunobiology of the factors leading to macro and micro coagulopathy, their diagnosis, and therapies to assist resolution.

3:15pm – 3:45pm – Medical Presentation (Non-CME)

AFTERNOON BREAK: 3:45pm – 4:30pm

4:30pm – 5:15pm – PAUL ANDERSON, N.M.D.

Dysrhythmias: Assessment and Treatment – Beyond Anatomy

Dysrhythmia is potentially life threatening. Most medical management is aimed at drug therapy or ablative procedures to control rhythm. In this session Dr. Anderson will discuss assessment and treatment “beyond anatomy” delving into the modifiable triggers which can be assessed and treated to enhance dysrhythmia care. Topics such as endocrine, toxic, immunologic, and other influences will be discussed.

5:15pm – 6:00pm

EXPERT PANEL DISCUSSION – All Faculty Risk Factors and Assessment: Latest Approaches

EVENING SESSION

Demonstration Rooms: 6:00pm – 7:30pm Hors D’oeuvres and Interactive Workshops

Finish Day 2 with an opportunity to become better informed in a relaxed atmosphere. Watch some great presentations, with food and beverage served. This is your chance to see hands-on demonstrations, as well as asking direct questions in a small group setting.

Day 2 Agenda – May 31st, 2025



Faculty Lectures And Timings

REGISTRATION & BREAKFAST Expo Hall: 7:30am - 8:30am

Morning Theme: CASES: ADJUSTING CARDIAC RISK

8:30am – 9:30am – PAUL ANDERSON, N.M.D.

Pericarditis and Myocarditis – Modern Perspectives

Pericarditis and myocarditis are increasingly diagnosed and treated. In this session Dr. Anderson will discuss the basis for these conditions, presentation and diagnosis, and interventions to aid in their management.

9:30am – 10:30am – STEVE PARCELL, N.D.

Cases: Plaque Regression

In this presentation Dr. Parcell will present cases showing progressive changes in plaque formation.

MORNING BREAK: 10:30am – 11:15am

11:15am – 12:15pm – DAN CHONG, N.D.

Different ways to douse a fire? Case studies in cardiovascular disease supporting both conventional care and a lack thereof

This lecture will review lab and imaging findings from cases that exhibit effects of different types of therapeutic interventions. Attendees will come away with an appreciation of the efficacy of a range of treatment options and ways to evaluate them.

LUNCH BREAK: 12:15pm – 1:15pm

Afternoon Theme: Toxic and Mitochondrial Cardiac Influences

1:15pm – 2:45pm – PAUL ANDERSON, N.M.D.

Chelation, Detoxification, and Cardiac Interventions

In prior sessions we have looked at the influence of toxins and toxicants on the cardiovascular system. In this session Dr. Anderson will discuss the types of depurative and detoxifying therapies which may be considered in cardiovascular care. Using an inclusive therapeutic approach to management will be highlighted. Additionally, the TACT-2 trial, and its implications will be discussed.

Faculty Lectures And Timings

BRIEF COMFORT BREAK: 2:45pm – 3:00pm

3:00pm – 4:00pm – PAUL ANDERSON, N.M.D.

Cardiac Mitochondrial Rehabilitation Strategies

The heart is one of the most mitochondrially dense tissues in the body. Failure to support the function of mitochondria can have dire effects on cardiac repair and function. Over supporting the mitochondria can also have negative cardiac effects. In this session Dr. Anderson will discuss the role of thyroid hormone, uses of NAD primers, NAD, carnitine and phospholipids, core nutrients, and specific primers like methylene blue and red-NIR therapies on mitochondrial function and rehabilitation.

4:00pm – 4:30pm EXPERT PANEL DISCUSSION – All Faculty

Bringing it all Together in your Clinical Practice

4:30pm Closing Remarks & Adjourn

Day 3 Agenda – June 1st, 2025

Southwest College of Naturopathic Medicine & Health Sciences (SCNM) has evolved to **Sonoran University of Health Sciences**

SONORAN UNIVERSITY
OF HEALTH SCIENCES



Exploration of the move to become a university began in 2018 as they recognized the institution was growing beyond its status as college. With new academic programs, expanded research, and enhanced service to the community, this institution truly is a university.



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