



Session Descriptions

Sunday, March 5th

**Shari Ulman Gold
Medal Lecture:
Building Teams and
Pushing Limits**

Speaker: Dr. Robert Dixon,
MD

Time: 8:15am-9:15am
Room: Valley of The Sun
A,B,C



This lecture investigates the Interventional Radiology Team: Interventional Technologist, Nurse and Physician – where have we come from and where are we going? It will investigate the components of a team and how to work towards building a successful team. It will also allow the attendee to celebrate our current successes in IR and be congratulated for a job well done during recent healthcare challenges. Lastly, the attendees will be challenged to consider what they can do to raise up the specialty: as team members, as educators and as volunteers. A gaze into the future will conclude this session, allowing attendees to imagine what might be possible in the future.

A History of Xray Innovation, from Roentgen to Today, from Another Part of the World!

Speaker: Dr. Tim Stevener

Time: 9:30am-9:15am
Room: Valley of The Sun
A,B,C



In 1895-96, X-ray was discovered in two places. Most are aware of the discovery in Germany, however, in this lecture we will explore the “other discovery” and its effect on medical imaging and innovation. Through the years, a focus has been placed on reducing radiation exposure while maintaining image quality. This has been challenging, but yet most Xray equipment vendors have been successful through innovation. Simultaneously, the reduction in overall radiation dose to healthcare providers has also been a focus for many x-ray equipment vendors. Technology and techniques to reduce scatter radiation are part of what we do each and every day. This lecture will help healthcare providers be knowledgeable of and demonstrate good practices for all healthcare providers protection.

The Other Side of the Glass: The Jim Caridi, MD Memorial Lecture

Speaker: Dana Kanfoush

Time: 10:30am-11:30 am
Room: Valley of The Sun
A,B,C



This lecture/video is a presentation given by Dr. Jim Caridi in 2019 and describes his personal journey with a life ending cancer. His lecture on how he felt being a physician treating patients with the same disease that he current had, was life changing. His remarks and real life experiences will allow the attendee to remember that we are all human and our compassion should never waiver when caring for patients or fellow team members.

**Navigating
Treatment for
Pulmonary Embolism**
Speaker: Tali Fudim

Time: 1:00pm-2:00pm
Room: Valley of The Sun
A,B,C



We will review the incidence of pulmonary embolism (PE) and the underlying pathophysiology. We will discuss the classification and diagnostic studies used to identify PE. We will also understand the treatment goals based on the pathophysiology of the condition. A multidisciplinary approach to PE will be reviewed, including traditional standard treatment such as anticoagulation and rapidly evolving catheter-based treatments that fall into two categories: catheter-directed thrombolysis and percutaneous suction thrombectomy.

**Interventional
Radiology Options
for the Palliative Care
Patient: How Can We
Help?**
Speaker: Lauren Miller

Time: 2:00pm-3:00pm
Room: Valley of The Sun
A,B,C



This lecture will be a review of the different IR procedure options available to assist in the care of the palliative care patient.

Using AI to Supplement Diagnostic Imaging and it's use in Everyday Life

Speaker: Dr. Allan Brook

Time: 3:15pm-4:15pm
Room: Valley of The Sun
A,B,C



This lecture will describe the new applications of Artificial Intelligence (Ai) and its applications in Radiology Imaging. Also, information will be shared on how AI is used in everyday life and will soon be a part of everyday Radiology Imaging.

Complications and Case Studies – I Need Help!

Speaker: Melissa Mullen

Time: 4:15pm -5:15pm
Room: Valley of The Sun
A,B,C



A consequence of delayed care and missed care due to the COVID-19 pandemic, many healthcare centers are seeing a rise in the number of patients with significant comorbidities. These complex patients are coming to our CT, MRI, and Interventional Radiology (IR) Departments for diagnostic tests or procedures and, due to their extensive medical conditions, are at increased risk for complications. Radiology nurses, technologists, advanced practice providers, and physicians need to be prepared to handle these emergencies as they arise.

This interactive presentation will review case studies and scenarios where patients developed complications in the IR or CT setting. Multiple choice questions will be asked at different stages of the presentation and audience members will be able to answer and participate in real time through a polling application. Nursing considerations, assessments, interventions, and medication administrations will be

discussed. Come join in on the fun as we work together through these scenarios to solve the problems and improve our patient outcomes!

Monday, March 6th

**Joanna Po Lecture –
The Sometimes
Prickly Topic of
Moderate Sedation**
Speaker: Lauren Miller

Time: 8:30am-10:00am
Room: Valley of The Sun C



In this lecture, we will discuss moderate sedation including what it is and documentation requirements. We will spend most of the time discussing different scenarios and questions that arise in relation to moderate sedation.

Placement of PIV with Ultrasound Guidance

Speaker: Jennifer Miceli

Time: 8:00am-12:00pm

Room: Valley of The Sun A



60% of patients in the hospital are considered difficult access and is the major contributor in patient dissatisfaction due to multiple needle sticks. The average patient receives 5 peripheral IV's per every 3-4 admission days. Patients receive on average of 4 attempts prior to requesting ultrasound placement. This workshop is designed to train the practitioner in proper patient assessment and use of the ultrasound to gain PIV access safely and efficiently. Practitioners will be able to practice in a non-patient setting to gain confidence in the use of equipment and their new skill. In conclusion, using ultrasound guidance to place peripheral IV's will decrease costs, nurse times at the bedside as well as increase patient satisfaction.

Early Recognition and Diagnosis of Sepsis

Speaker: Dr. Allyson
Kornahrens

Time: 10:30am-11:30am

Room: Valley of The Sun B



Learning Objectives/description:

At the conclusion of this learning activity, participants will successfully:

- Define SIRS, sepsis, severe sepsis and septic shock
- Describe treatment strategies for sepsis
- Describe treatment bundles for sepsis
- Understand the role of CMS/DOH as it pertains to sepsis
- Describe the tools available to assist in the care of the septic patient
- Discuss the role of Advanced Directives in the care of the septic patient

PsyCap - What's Your Capital?

Speaker: Michelle Dossa & Dr. Greg Laukhuf

Time: 10:30am-11:30am
Room: Valley of The Sun C



Psychological capital (PsyCap) is defined as “an individual’s positive psychological state of development” (Luthans, Avolio, Avey, & Norman, 2007). Consisting of hope, optimism, resilience, and self-efficacy, PsyCap research suggests these components have a positive correlation with leader and follower job satisfaction, performance, and organizational commitment. Research also suggests that interventions can improve a leader’s PsyCap competency. In today’s challenging healthcare industry, leaders are charged with successfully navigating this complex environment full of change, uncertainty, and regulation in order to provide high quality, cost-effective medical care. Leaders look for ways to actively engage their teams to deliver this care while satisfying their need for job satisfaction and reduced burnout. This presentation will provide useful information that healthcare leaders may use to do just that. The presenters will define the PsyCap components of hope, optimism, resilience, and self-efficacy and highlight key research results related to positive leadership and organization outcomes. In addition, the presenters will demonstrate the importance of PsyCap in healthcare organizations and provide potential interventions to improve individual PsyCap.

Practicing Self Care

Speaker: Karen Green

Time: 1:00pm-2:00pm
Room: Valley of The Sun B



Nurses experience many interactions daily and often experience sensory overload. Examples include multiple patient needs, critical events, phones ringing and hallway conversations. Job stress in nursing has been in the spotlight for many years. While some may attribute this to the Covid-19 pandemic over the past few years, there are multiple reasons nurses are stressed and require self-intervention and self-care. During this discussion, I will identify options to accomplish this goal.

**Nuclear Medicine
Hepatobiliary Imaging**
Speaker: Kristina Hoerl

Time: 1:00pm-2:00pm
Room: Valley of The Sun C



Ever wonder about all those different studies done in Nuclear Medicine related to the gastrointestinal tract? How about why patients cannot have opioids before many of them? What about the other patient preparation? If so, join me as we explore gastrointestinal imaging in Nuclear Medicine with a focus on imaging of the gallbladder and liver.

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Leadership in Nursing: A tool to Foster Patient Safety and Quality of Care Using Communication and Interprofessional Education

Speaker: Dr. Therese Binfon
& Dr. Sylvia Martin

Time: 2:15pm-3:15pm

Room: Valley of The Sun B



For a system to have an effective patient safety program, leaders' attention is vital, and it can be visible through staff support and leadership engagement in coaching for interprofessional collaboration. Collaboration and good leadership influence employees' attitudes toward patient safety reporting programs.

This presentation will focus on using different leadership styles by healthcare professionals to improve patient safety reporting. It will also touch on utilizing the six domains of a culture of safety in implementing a safety program. With staff and leadership engagement, a just culture environment is evident and have shown to improve trust, patient safety, and quality of care

What no one tells you- Proven ways to eliminate stress (can change stress to burnout)

Speaker: Yashica Lind

Time: 2:15pm-3:15pm
Room: Valley of The Sun



Do you feel like the growing demands and pressures of your job are increasing your stress levels and affecting your wellbeing? Let's examine some historical issues and future trends that will help you anticipate the unique challenges to expect as Radiology and Imaging Nurses that will allow you to be steps ahead of the curve. And most importantly, this session will help you explore little-known ways to handle these challenges so that you're able to perform optimally while maintaining your sanity.

Poster Presentations

Reducing untimely tube exchanges through staff and patient education

Speaker: Barbara Tait & Stephane Bourassa

Time: 3:30pm-4:30pm
Room: Valley ABC Foyer



The Interventional Radiology Department noted an increase in patients returning for untimely tube exchanges usually due to preventable complications. The IR team determined that a lack of inpatient nurse education and comprehensive patient education was a potential cause to these patients returning to the department. The IR nurses provided hands on education the inpatient nurses, including troubleshooting common issues. Educational videos were created for patients to view prior to tube insertion and at anytime on Moffitt's YouTube channel. A marked decrease in untimely tube exchanges due to preventable complications was seen after implementation of these interventions.

CT Contrast Workflow Optimization

Speaker: Dena Videtic

Time: 3:30pm-4:30pm
Room: Valley ABC Foyer



The risks associated with the administration of iodinated contrast require a comprehensive plan to manage patients undergoing imaging with contrast. This poster highlights a systemwide process improvement project that utilized nursing informatics to address timely premedication of CT contrast patients with iodine allergies. The concepts of project management, nursing informatics and process improvement will be emphasized.

Challenges of Implementing End Tidal CO2 Monitoring in the IR Suite

Speaker: Emily Reed & Kristina Taylor

Time: 3:30pm-4:30pm
Room: Valley ABC Foyer



During this session we will discuss the importance of using end tidal CO2 for monitoring patients undergoing sedation in the IR suite. We will also discuss nursing compliance of the documentation of end tidal CO2. We will explore the barriers that IR nurses face when using end tidal CO2. To make capturing end tidal CO2 easier, we will compare different end tidal CO2 products to see which are more efficient and effective.

Standardized Nursing Handoff Note in the Heart and Vascular Center Procedural Department, Yale New Haven Health System

Speaker: Rebecca Kadel & Catherine Mousch

Time: 3:30pm-4:30pm
Room: Valley ABC Foyer



The Yale New Haven Health System (YNHHS) consists of five hospitals, each with a Heart and Vascular Center (HVC) procedural department providing varying types of interventions in the specialties of Interventional Radiology, Cardiac Catheterization, and Electrophysiology. A system-wide Advisory Committee made up of stakeholders from the HVC procedural areas at each delivery network identified safe patient handoff as a goal for standardization throughout the system for 2022. Providing consistent patient information and opportunity to seek clarification during handoff is a best practice for patient safety during transitions of care. This poster presentation session will describe the successful development and implementation of a standardized nursing handoff note at YNHHS, utilized during

handoff of patients from the procedural areas to the patients' next level of care.

Analysis of risk factors in iodinated contrast extravasation events in a high complexity hospital in São Paulo – Brazil

Speaker: Viviane Lobato,
Samuel de Castro Braga,
Juliana Linares de Oliveira
Morais & Adriano Ribeiro dos Santos

Time: 3:30pm-4:30pm
Room: Valley ABC Foyer



This present retrospective descriptive study carried out between 2017 and 2022, in the tomography setting in a highly complex philanthropic private hospital, located in São Paulo- Brazil, aims to analyze the risk factors related to iodinated contrast extravasation in patients undergoing computed tomography and compare it with the related literature. A total of 146 events involving contrast extravasation were analyzed. Extravasations are considered adverse events and should be actively monitored, as they are an important quality measurement tool because they are actively linked to patient experience.

Tuesday, March 7th

General Session - Hot Topics

Panel: Melanie Priest,
Pauline Lentowski, Sylvia
Miller and Daphne Penaflo

Time: 8:30am-10:00am
Room: Valley of The Sun C



Join us for the Annual ARIN Hot Topics session! Come prepared with any questions you may want to ask our expert panel.

Placement of PIV with Ultrasound Guidance

Speaker: Jennifer Miceli

Time: 8:00am-12:00pm

Room: Valley of The Sun A



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Are you Experiencing Burnout? Let's Talk

Speaker: Lauren Miller

Time: 10:30am-11:30am

Room: Valley of The Sun B



I have a personal story of burnout to the point where I considered leaving nursing. It has now become a passion of mine to help others determine their level of burnout and figure out what to do next. Discussion of how to tell if you are experiencing burnout, and tips and technique to mitigate it if you are.

**“Academic-Practice
Collaboration:
Radiology
Immersion and
Practicum
Experiences for
Undergraduate
Nursing Students”**

Speaker: Dr. Greg Laukhuf &
Dr. Laura Goliat

Time: 10:30am-11:30am
Room: Valley of The Sun C



This session focuses on an ongoing academic-practice collaboration and joint development of a 3-Phased Radiology Immersion Experience (RIE) for undergraduate nursing students. Presenters will discuss the implementation of Phase I (Group Immersion in Radiology); Phase II (Clinical Experience with Nurse Preceptors in Radiology), and Phase III (Extended Practicum Experience in Radiology). The RIE curriculum, student surveys, and standardized testing will be shared. Lessons learned will be discussed on this ongoing journey aimed at exposing students to radiology nursing, advancing student nurse knowledge of radiology at the point-of-care, and potentially generating interest in radiology as a career choice in the future.

MRI and Para magnetics

Speaker: Pauline Lentowski

Time: 1:00pm-2:00pm
Room: Valley of The Sun C



This presentation will discuss what the MI professional needs to know about Gadolinium and MRI. The presentation will start with a review discussing basics of MRI and how it works. Understanding MRI basics will assist the attendee on further understanding how MRI contrasts such as gadolinium work. Also discussed will be paramagnetics which are types of contrast used in MRI: what they are, how they are classified, and the different types seen today. We will discuss the 3 different Gadolinium contrast based groups; and why this is important. Next the presentation will provide the risks and benefits associated with the administration of MRI contrast such as gadolinium. Discussed will be patient preparation and screening prior to receiving MRI. This portion will focus on what conditions will possibly exclude the patient from receiving MRI contrast. Finally, will discuss how to keep our patient safe from adverse effects by proper screening and assessment.

Enhancing InterProvider Communication for Better Patient Outcomes

Speaker: Tali Fudim

Time: 1:00pm-2:00pm
Room: Valley of The Sun B



Communication is a critical aspect of healthcare, and implementing effective strategies can greatly improve patient outcomes and enhance the overall quality of care. To explore this topic, we will examine strategies for effective communication and how they can improve patients' outcomes and minimize errors. We will discuss how over communication can lead to negative consequences. We will also share several communication improvement projects from our institution, as well as case studies of both good and poor communication, to understand how they have affected patients' care

Placement of PIV with Ultrasound Guidance

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**Impact of
Respiratory
Compromise in
Inpatient
Interventional
Radiology
Procedures with
Moderate Sedation in
the US**

Speaker: Dr. Susan Thibeault

Time: 2:15pm-3:15pm
Room: Valley of The Sun C



The presentation will highlight the impact of moderate sedation during procedures in the Interventional Radiology. It highlights basic moderate sedation education and the importance of the use of capnography. It also contains practical recommendations from various medical societies and governing bodies.

**Crucial
Conversations**

Speaker: Karen Green

Time: 2:15pm-3:15pm
Room: Valley of The Sun B



I have presented numerous sessions on Nurse Bullying. This has been, and continues to be, a topic discussed during ARIN Conferences. I believe the next logical step is to focus on the conversations that need to occur to decrease and eliminate bullying. While difficult to initiate, once the topic is raised, positive outcomes occur.

Leadership in Nursing Professional Organizations

Speaker: Donna Margiotta

Time: 3:30pm-4:30pm
Room: Valley of The Sun C



Every nurse can become involved in their professional nursing organization. The willingness to volunteer time and talent benefits the growth of the organization, the nursing profession, and the individual. Professional nursing organizations provide educational opportunities for nurses, comradery, shared experiences and provide leadership opportunities for members.

Nursing leadership is one of the single most important factors in motivating and inspiring nurses. Becoming a leader in your nursing organization offers many opportunities for growth. More importantly, nursing leaders in their professional organization advance the profession, motivate, mentor and inspire members.