

**December 4-7, 2025**

**At Disney's Yacht and Beach  
Club Resort,**

**Orlando Florida**

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**Register now**

<https://www.fbsonline.net/page21.html>



**Thursday 12/04 :**

7:00pm to 9:30pm ..... Evening arrival and TBA Event

**Friday 12/05:**

6:30am .....Transportation to Disney's Palm Golf Course 8am Shot Gun Start **(Separate Registration and Fee)**

7:00am .....FBS Registration Desk Open / Biomed Breakfast

7:30am to Noon .....Educational Tracks – Cape Cod A,B,C

Noon to 1:00 pm .....Biomed Lunch

1:00pm to 4:30pm .....Educational Tracks – Cape Cod A,B,C

Noon to 4:30pm .....Exhibit Hall Vendor Setup— Newport Ballroom East

4:30pm to 6:30pm .....Exhibit Hall Grand Opening – Newport Ballroom East

7:00pm to 8:30pm .....Vendor Reception – Disney's Yacht Club Marina

**Saturday 12/06:**

7:00am to 7:30am .....Breakfast – Newport East Salon Lobby

7:30am to 12:30pm .....Educational Tracks – Cape Cod A,B,C

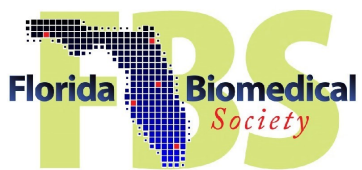
12:30pm to 3:30pm .....Exhibit Hall Open

12:30pm to 2:00pm .....Attendee lunch (Lunch with Vendors)

3:30pm to 4:30pm .....Vendor Exhibit Hall Breakdown

3:30pm to 4:45pm .....Keynote Speaker and Awards Ceremony – Cape Cod A-C

7:00pm to 9:30pm ..... Closing Reception – Epcot's Italy Isola **(Separate registration and fee)**



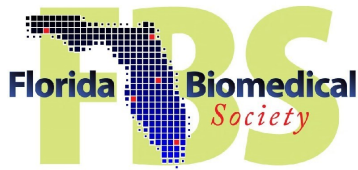
# Education 2025

## Friday, December 5 — Morning

Classroom		Time	Class Title	Instructor	presented by
Cape Cod A	2 hrs	7:30am to 9:45 am	Introduction To Medical Imaging Modalities for Managers, Biomedics and Imaging Engineers	Dale Cover	RSTI
Cape Cod A	2 hrs	10:00am to 12 noon	Introduction to Servicing Radiographic and Fluoroscopic Imaging Systems	Dale Cover	RSTI
Cape Cod B	1 hr	7:30 to 8:30am	HTM Cybersecurity Strategy and the NIST Framework: What You Need to Know	Scott Trevino	Trimedx
Cape Cod B	1 hr	8:45 to 9:45am	Challenges and Opportunities of Gas Flow Measurement and Ventilator Testing	Daniel Benz	IMT Analytics
Cape Cod B	1hr	10am to 11am	Ultrasound Applications and Image Artifacts for Service Engineers	Ted Lucidi	Innovatus
Cape Cod B	45 min	11:15am to 12 noon	Preparing the Next Generation of HTM Leaders!	Monty Gonzales	CBET

## Friday, December 5 — Afternoon

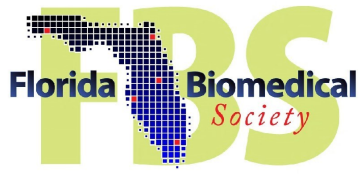
Classroom		Time	Class name	Instructor	presented by
Cape Cod A	1hr	1pm to 2pm	Using the Correct Tools for the Job	Boyd Campbell	Southeastern Biomedical
Cape Cod A	2 hrs	2:15pm to 4:15pm	Contrast Injector First Look Troubleshooting	Ryan Clarke	626
Cape Cod B	1 hr	1 pm to 2pm	Reducing TEE probe failures and support costs through SafeTEE	Ted Lucidi	Innovatus
Cape Cod B	1 hr	2:15 pm to 3:15	Mobilize Solution – Wireless, Paperless, Synchronized, Automated PM Testing	Julio Castro	Pronk
Cape Cod B	1 hr	3:30pm to 4:30pm	Role of HTM in Cybersecurity and Interoperability	Ben Garside	Mindray



# Education 2025

## Saturday, December 6

Classroom		Time	Class Title	Instructor	presented by
Cape Cod A	1hr	7:30am to 8:45 am	Centrifuge PM & Safety for Busy HTM Professionals	Darrall Pride	Hettich
Cape Cod A	1hr	9:00am to 10:am	NIBP Fundamentals and Troubleshooting	Julio Castro	Pronk
Cape Cod A	1hr	10:15 to 11:15am	Driving Repair Efficiency in Patient Monitoring: ISO-Compliant Strategies for Biomed and Third-Party Services.	Lee Lewis	Sage
Cape Cod A	1hr	11:30am to 12:30pm	MRI Safety and Patient Monitoring in the MRI Environment	Gunnar Bida	Metropolitan Medical
Cape Cod B	1 hr	7:30 to 8:30am	Leveraging Operational Efficiency and Automation to Optimize Staff Time	Jeremy Fortune	Pheonix Data Systems
Cape Cod B	1 hr	9:00 to 10:00am	Blue Print to Being a Quality HTM Director	Eric Massey	Intelas
Cape Cod B	1hr	10:15am to 11:15am	AAMI Pipeline Updates and Certification Overview	Danielle McGeary/ Sherrie Schulte	AAMI
Cape Cod B	1hr	11:30am to 12:30	WIL for the WIN	April Lebo	WIL
Cape Cod C	4hrs	7:30am to 12:30	TBA	TBA	Steris



# 2025 Class Descriptions

**Friday, December 5**

**7:30 to 9:45am (2 hours)**

## **Introduction To Medical Imaging Modalities for Managers, Biomed and Imaging Engineers - 2hrs**

The goal of this presentation is to gain a general understanding of the various imaging modalities and systems employed in a typical hospital environment and how they impact hospital operations. Some examples of the systems to be discussed: Radiographic, Fluoroscopic, IVR, Mammography, CT, Molecular Imaging and MR. These systems are presented in a understanding building style beginning with basic Radiographic system and working toward MR.

Goals:

Discuss some of the key points of operation and identify the major areas of concern as it relates to maintaining these systems.

Discuss how these systems affect service departments.

Discuss how these systems affect hospital operations.

Discuss these systems' role in diagnosis of patient's conditions.

**7:30 to 8:30am (1hr)**

## **HTM Cybersecurity Strategy and the NIST Framework: What you need to know?**

This course will provide an in-depth exploration of the key elements HTM leaders need to understand to deliver a successful medical device cybersecurity program that is aligned to the NIST Framework. Learn how to execute accurate inventory management with a current state assessment, including how vulnerabilities are identified, managed, and tracked. Followed by what it takes for your organization to govern medical devices and the associated policies to support risk management and drive continuous improvement. Concluding with understanding the role HTM leaders and their teams play in the broader cybersecurity ecosystem and how to stay on top of the evolving cyber landscape.

**10:00 to 12:00 (2 hours)**

## **Introduction to Servicing Radiographic and Fluoroscopic Imaging Systems - 2hrs**

This session will explore the systems and technology found in most medical imaging departments. From the introduction of the basic X-Ray system to more complex imaging equipment such as image intensifiers, CCD cameras and digital flat panel detectors, attendees will become familiar with the terminology, major components and the overall functionality of these systems and their major sub-systems.

- Course Objectives

Discuss X-Ray general principles

Discuss radiation safety

Discuss how X-Rays are produced

Discuss system components associated with basic Radiographic systems

Discuss system components associated with Fluoroscopic imaging systems

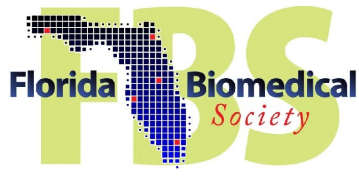
Discuss digital imaging principles.

Discuss Fluoroscopic operational modes and timing relationships

**8:45 to 9:45 (1 hour)**

## **Challenges and Opportunities of Gas Flow Measurement and Ventilator Testing**

This educational session explores the real-world challenges Biomedical professionals face when testing and calibrating ventilators and anesthesia machines. It offers a comprehensive overview of essential setup considerations and critical measurement parameters such as gas type, gas standards and trigger settings. Participants will gain valuable background knowledge to strengthen their understanding of how to prepare for accurate and consistent testing. By the end of the session, attendees will be able to identify critical analyzer settings, perform proper test preparation, and ensure reliable measurement results. The session will also highlight how state-of-the-art gas flow analyzers and advanced software tools help overcome these challenges, improve testing accuracy, and enhance the efficiency of biomedical workflows.



# 2025 Class Descriptions

**Friday, December 5**

**11:15am to 12 noon (0.75hours)**

## **Preparing the Next Generation of HTM Leaders!**

This 45-minute professional seminar will delve into the critical skills and training necessary for fostering the next generation of Healthcare Technology Management (HTM) leaders. The session will offer a comprehensive examination of the evolving healthcare technology landscape, underscoring the significance of innovation, strategic thinking, and effective communication. Participants will explore essential competencies, including project management, regulatory compliance, and advanced technological acumen, all vital for the progression of HTM professionals. The seminar will also provide actionable strategies for developing leadership qualities and cultivating a forward-thinking mindset. Whether you are an emerging leader or an experienced professional, this seminar will equip you with the essential tools to navigate challenges and achieve success in the ever-evolving domain of healthcare technology. Join us in shaping the future of HTM leadership!

**10:00 to 11:00am (1hr)**

## **Ultrasound Applications and Image Artifacts for Service Engineers**

Knowledge of ultrasound system modes, functions, features, and terminology are a huge part of providing proper ultrasound system service. Yet, this information is often not shared during OEM service training sessions. Outcomes: Attendees will learn the soft skills to complement the hard technical skills possessed by ultrasound service personnel. The class will also provide a solid base of knowledge for those entering the field. Attendees will understand the "language" of the sonographer regarding image optimization and presentation. We'll also cover image artifacts, root causes, and common remedies. This session will help to transform a high-performing service engineer to an outstanding service partner.

**1:00 to 2:00pm (1 hour)**

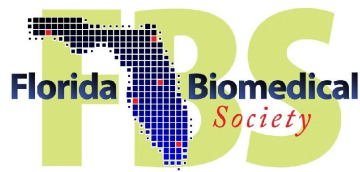
## **Using the Correct Tools for the Job**

This class will cover the most common questions about testing devices. Topics will be proper temperature sensors (RTD's, Thermocouples, Thermistors and infrared) for different application. Calibration weights and classification of weights as well as scale calibrations. In addition, Bilimeter and light meters and using the appropriate devices based on light spectrum as well as luminance and illuminance. Also it will cover accuracy, precision and tolerances of testing devices and how to determine specifications. We will also be covering different standards and certifications used for calibration of medical testing devices as well as environmental factors that can effect the calibration of medical devices.

**1:00 to 2:00pm (1 hour)**

## **Reducing TEE probe failures and support costs through SafeTEE**

With replacement costs over \$20,000 each, TEE probes are a pain point in HTM budgets world-wide. This session will present root causes of common costly TEE probe failures. We'll present a plan PROVEN to get results as well as provide tools to make YOU the expert and help you SUCCEED. Success will result in reduced failure rates, failure severity, and, ultimately, support costs. Outcomes: Become the TEE probe expert in your facility. Utilize proprietary tools to identify opportunities to improve TEE care and handling at your facility. Innovatus technical experts will partner with you to work with clinical departments to implement best practices. Expect minimums of 50% decreases in failure rates and failure severity, year-over-year.



# 2025 Class Descriptions

## Friday, December 5

**2:15 to 4:15pm (2 hours)**

### **Contrast Injector First Look Troubleshooting –2 hrs**

The course will review basic troubleshooting and the most common errors of the 4 most widely used Medrad/Bayer contrast injectors, the Stellant, Solaris, MK7 Arterion, and the MKV Provis.

**2:15 to 3:15pm (1 hr)**

### **Mobilize Solution – Wireless, Paperless, Synchronized, Automated PM Testing**

This presentation will discuss and demonstrate new technologies available to create and run your PM procedures electronically utilizing wireless connectivity from test equipment. Learn how to automate, streamline and capture a detailed electronic report of all your service work. See how to easily archive/transfer that information to a wide range of databases to reduce the administrative overhead that biomedical engineers face today.

- Hands-on discussion and demonstration of how the latest technologies available can provide substantial benefits when performing preventive maintenance and service.
- See a live demonstration on how you can utilize the test equipment together with your testing procedures to complete the PM faster, with greater accuracy and simplicity.
- Demonstrate the Mobilize solution benefits of wirelessly controlling the test equipment, seamlessly capturing all test results electronically and how it eliminates the need for manual documentation.
- See how the latest CMMS technologies enable these records to be transferred and captured directly into the CMMS/database.

**3:30 to 4:30pm (1hour)**

### **Role of HTM in Cybersecurity and Interoperability**

Overview discussions on interoperability and cybersecurity within the hospital setting. Discussions will revolve around cybersecurity frameworks and considerations in building cybersecurity models. Focus will be on how HTM representatives affects and influences cybersecurity as part of a hospital system's overall security policies. Discussions will further review responsibilities for cybersecurity. Interoperability will discuss the role of interoperability in the hospital environment, why it's important and how it is facilitated. Examples of interoperability will be presented to help HTM representatives understand the roles of HTM and IT in delivering interoperability solutions. Attendees will leave with additional considerations and perspectives when involved in cybersecurity and interoperability discussions

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## Saturday, December 6

**7:30am to 12:30pm (4 hours)**

**TBA**

Steris OEM training—Details TBA



## Saturday, December 6

**7:30 to 8:45am(1 hr +)**

### **Centrifuge PM & Safety for Busy HTM Professionals**

In the hectic environment of a core lab, people count on their equipment to just work. It is easy to overlook minor maintenance for the sake of production. The reality, however, is that a centrifuge is an integral part of the overall lab flow and needs to have regular inspections for maintenance and safety.

Spending a few moments doing preventative maintenance really pays off down the road, both in lack of downtime and in consistency of high-quality outputs. An inspection of a centrifuge is critical in catching problems with corrosion or developing mechanical failures before they become catastrophic.

In this session, we will go over the various steps of preventative maintenance and safety inspections, using Hettich models to help demonstrate each of the actions. These same actions can be interpreted to apply to centrifuges of different makes and models.

Attendees will take a short quiz to gauge their understanding of the course material presented and receive a certificate.

**7:30 to 8:30am (1 hour)**

### **Leveraging Operational Efficiency and Automation to Optimize Staff Time**

As finding qualified staff is an ever-growing challenge, how can you continue to deliver the level of service your clinical caregivers need? A major part of the solution lies in adopting lean practices to eliminate waste and non-value-added work, automating as many functions as possible, and increasing the time your team has to spend on fulfilling their core function.

1. To show the opportunities that exist to automate processes and save time.
2. To demonstrate the processes and methods used to eliminate waste and non-value-added work
3. To share real-life results of implementing these methods

**9:00 to 10:00am (1hour)**

### **NIBP Fundamentals and Troubleshooting**

This 60-minute presentation will discuss the background on different methods of measuring blood pressure with an emphasis on Non Invasive Blood Pressure (NIBP) measurements. The presentation will include the history of the parameter, design principals including hardware, software and measurement techniques. We will also discuss what can affect the accuracy of the readings including some great tips when troubleshooting and servicing vital signs monitors configured for NIBP.

Overview:

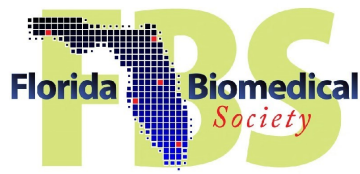
- ☐ Background and history of blood pressure measurements.
- ☐ Basic design principals of NIBP including DC and AC channel signal processing and protection circuits.
- ☐ AAMI standard on accuracy requirements. Various measurement techniques utilized in vital signs monitors.
- ☐ Why there can be variations in the readings from manufacturer to manufacturer or model to model.
- ☐ Sources of measurement errors and troubleshooting strategies.

**9:00 to 10:00am (1 hour)**

### **Blue Print to Being a Quality HTM Director**

With This presentation delivers a practical, experience-based blueprint for HTM directors who want to lead with precision, elevate team performance, and consistently meet operational goals. Eric Massey draws from over 25 years in the field and his experience coaching HTM leaders to outline the key habits, structures, and leadership behaviors that drive consistent results. You'll learn how to improve PM compliance, reduce backlog, lead hybrid teams, manage workload priorities, and build a culture of accountability. This session is designed for directors who want to grow in their role, lead with clarity, and become the kind of leader every health system can count on.





# 2025 Class Descriptions

**Saturday, December 6**

**10:15 to 11:15am (1 hour)**

## **Driving Repair Efficiency in Patient Monitoring: ISO-Compliant Strategies for Biomed and Third-Party Services**

Your instructor will discuss the ins and outs of the following topics to achieve positive outcomes and improve efficiency on the job. The following are some of the topics: ISO standards and how they can apply to you. Optimizing patient monitoring uptime. Managing work time efficiently. Best practices understanding what goes into a third party repair process, What is important to you and your team as you work through your day. And lastly Biomed in the 21st Century (your future).

**10:15 to 11:15am(1 hr )**

## **AAMI Pipeline Updates and Certification Overview**

As a standards developing organization, AAMI is in a unique position to act as a neutral convener across the entire medical device landscape. Because of this, AAMI is able to make positive change by producing consensus-based guidance documents and standards. Come learn about all AAMI has done to bolster the HTM field over the last five years. This presentation will go over all AAMI's HTM resources, standards, partnerships and collateral created to promote and elevate the field, including an overview of the BMET Apprenticeship. Additionally, we will go over AAMI's certification program, including how you can become certified and how to renew your certification utilizing our new CEU journal. Let's elevate and promote the field together!

**11:30am to 12:00pm (0.5hour)**

## **MRI Safety and patient monitoring in the MRI Environment**

The presentation covers basic functioning of MRI scanners. Specifically the impact of magnetic fields inside the MRI cabin and the effect on electro medical devices. As well as the effect of the devices on the MRI scanner. It explains the meaning of Gauss restrictions and distances to the scanner. Potential dangers that can arise and implications for medical devices in the MRI. Zones in the MRI environment. Vital signs monitoring during MRI examinations with limitations for the different parameters. Guidelines how to avoid accidents in the MRI environment. Dos and don'ts when handling patient monitors and other MRI compatible devices. After the presentation there is time for questions and answers.

**11:30am to 12:30pm (1 hour)**

## **WIL for the WIN - Harnessing Wellness, Integrity, and Networking for Women's Success**

With The session will include 3 mini talks in one lead by Teresa Mendoza, Brandi Caton and April Lebo from WIL discussing relevant topics effecting women in HTM today.

W- Wellness- Teresa will spend 15 minutes discussing the importance of self-care and tips on how to balance taking care of ourselves while balancing a fast paced career. I - Integrity - Brandi will focus 15 mins on the how to stay true to yourself and not compromise your integrity when dealing with difficult situations a work N- Networking - April will spend 15 mins talking through best practices and the need for networking and relationship building to help build your personal brand and advancing your career.

The last 15 mins will be devoted to questions and open forum from the audience on the topics discussed or WIL in general.