THD Cardiovascular Symposium

Cardiovascular Medicine: A 5-Year Perspective & Beyond

Saturday, September 19, 2026

AGENDA		
7:55 a.m.	**Welcome & Announcements**	
8 a.m.	**Topic #1 – Patient Testimonial: A Journey to Recovery**	
	Examine the patient's personal journey to recovery to humanize the healthcare experience and foster empathy among the interprofessional healthcare team.	
	Demonstrate how the quality and compassion of care delivered directly influence patient outcomes and emotional well-being.	
8:15 a.m.	**Advances in Robotic Heart Surgeries - Is it Better Than Human Hands?**	
	Examine current cardiovascular procedures that utilize robotic-assisted surgical technology.	
	Analyze the advantages and limitations of minimally invasive and robotic-assisted cardiac surgeries compared to traditional open approaches.	
	Describe the collaborative roles of the interprofessional healthcare team in planning, performing, and managing robotic cardiac surgical care.	
9 a.m.	**The Future in Wearable Technologies**	
	Describe how wearable technologies are used to screen for cardiovascular conditions, including heart disease, hypertension, and cardiac arrhythmias, as well as their integration with management information systems (MIS).	
	Identify emerging and widely available wearable and community-based technologies that enhance healthcare delivery, patient monitoring, and healthcare team performance.	
	Discuss the role of wearable devices in promoting healthy lifestyles and evaluate the accuracy, precision, and reliability of the data they generate.	
9:45 a.m.	**Break**	
10:15 a.m.	**GLP-1 - What's New, Where it's Going and Impact on Cardiovascular Health**	
	Describe the emerging role of glucagon-like peptide-1 (GLP-1) receptor agonists in cardio-metabolic therapy, including their effects on glycemic control, weight management, and cardiovascular risk reduction.	
	Discuss the growing evidence supporting GLP-1 receptor agonists as cornerstone therapies in cardiovascular care, with emphasis on their demonstrated ability to reduce major adverse cardiovascular events.	
	Collaborate with the interprofessional healthcare team to implement, monitor and optimize GLP-1 therapy.	
11 a.m.	**AI: Learning the Language**	
	Discuss how AI is being used to enhance diagnostic accuracy in interpreting various cardiac images, such as CT scans, MRIs, and echocardiograms.	
	Describe personalized cardiology benefits from machine learning, providing tailored interventions, high-risk patient identification, and patient-specific treatments.	
	Explore future directions that emphasize refining AI algorithms, validating predictive models, and implementing guidelines for responsible AI use, with continuous education for the interprofessional healthcare team.	
11:45 a.m.	**Break**	
12:15 p.m.	**Breakout Sessions (Lunch & Learn)**	
0.75	**Session #1**	**Advances in Structural Heart**
		Review the indications for tricuspid valve procedures.
		Discuss the advancements of transcatheter aortic valve replacement (TAVR) and transcatheter mitral valve replacement (TMVR).
		Collaborate with the interprofessional healthcare team to coordinate screening, diagnosis, treatment, patient education, and ongoing management of structural heart disease.
	Session #2	**The "Shock Team" Approach**
		Describe how an interprofessional "Shock Team" approach improves cardiogenic shock outcomes through 24/7 rapid response, early mechanical circulatory support (MCS) like ECMO, and standardized protocols.
		Discuss how the team approach improves survival in patients with cardiogenic shock by accelerating diagnosis, initiating rapid MCS, and using standardized, evidence-based protocols to manage care.
	Session #3	**Current State of Peripheral Artery Disease (PAD)**
		Discuss evidence-based strategies for PAD risk factor reduction and comprehensive disease management.
		Identify how primary goals of PAD therapy are categorized into systemic health and limb preservation.
		Collaborate with the interprofessional healthcare team to implement coordinated PAD care.
1 p.m.	**Panel/Case Discussion: Life-Death Situations **Ethics CE****	
	Examine the collaborative decision-making process among interprofessional specialists when faced with complex, life-threatening clinical scenarios.	
	Analyze how shared expertise influence patient outcomes in high-stakes medical situations.	
2 p.m.	**Adjournment**	
TOTAL - 5 CREDITS		