

STR Annual Meeting Course Objectives

1. Discuss and illustrate established and emerging guidelines for the diagnosis and management of cardiothoracic diseases
2. Explain the role and new advances in imaging and reporting (e.g. TAVR) of cardiovascular diseases, including those affecting the coronary arteries, valves, myocardium, aorta, and pulmonary vasculature
3. Establish the importance of a multidisciplinary approach for diagnosing and treating patients with interstitial lung disease, lung nodules, and lung cancer
4. Recognize the role of imaging in lung cancer screening and how screening continues to evolve
5. Review imaging of patients with cardiopulmonary disease in acute, post-operative, and emergency scenarios
6. Identify pitfalls and pearls encountered in performance and interpretation of cardiothoracic imaging studies such as those directed towards lung nodules, interstitial lung disease, radiograph interpretation, and cardiovascular diseases
7. Describe current and emerging CT and MR techniques for both thoracic and cardiac applications and computer-aided methods such as artificial intelligence, radiomics, and quantitative analysis
8. Review quality improvement, workflow, faculty development, and wellness initiatives and topics applicable to clinical practice
9. Discuss lessons learned from dealing with the COVID-19 pandemic and what has been learned regarding imaging follow up of COVID -19
10. Discuss the emerging role, implementation, challenges and opportunities in the use of AI in cardiothoracic imaging daily practice