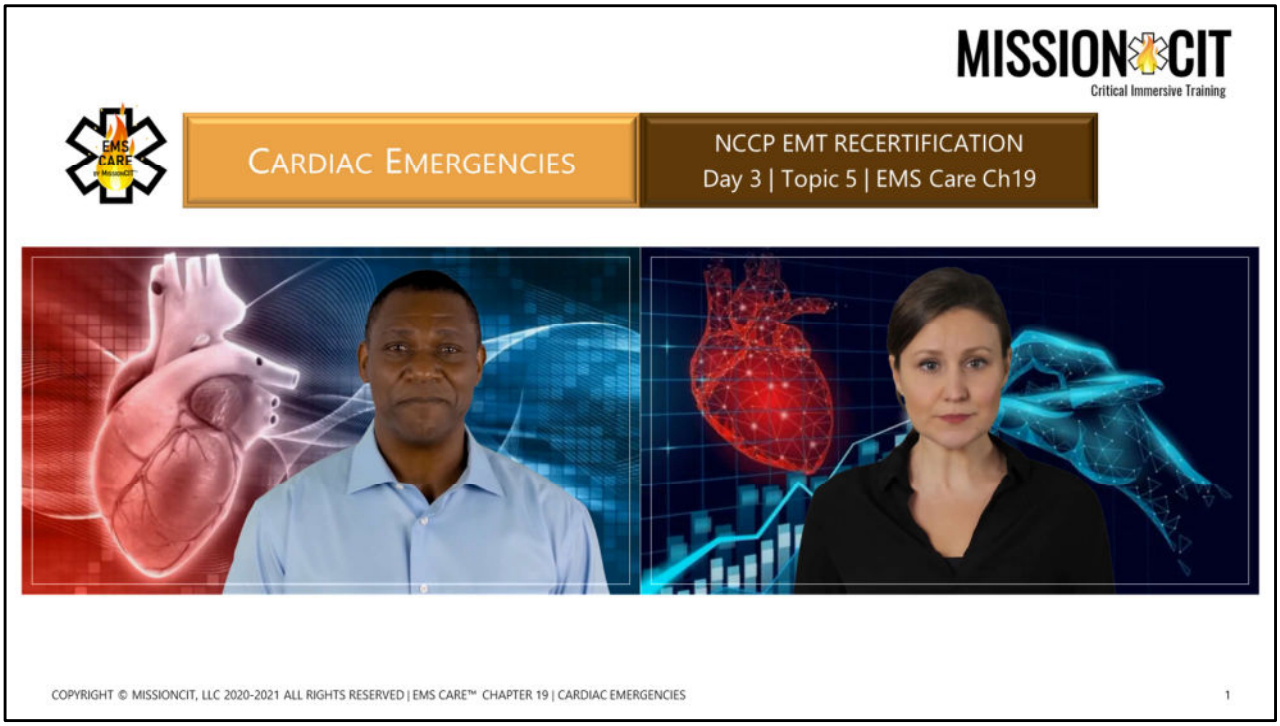


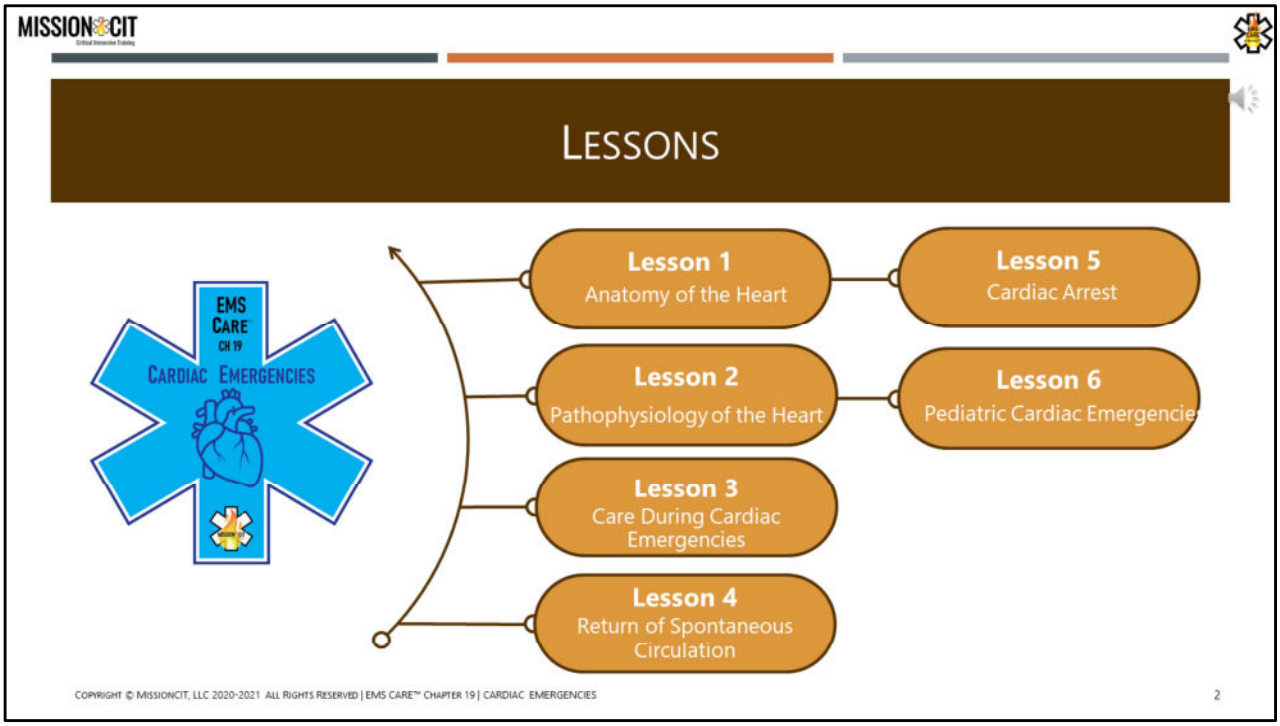
Hello there! Welcome to this MissionCIT course on cardiovascular emergencies. I'm Justin and this is my colleague, Missah, and together, we will be hosting this session for you.

Cardiovascular emergencies are one of the most common and critical conditions you'll face as an EMT, and the appropriate care can even save the patient from death. We will be starting with the heart's anatomy and then walking through the various forms of dysfunctions, their symptoms, and how to deal with the same.

So, make sure you watch all the videos and prepare for

the questions at the end of the course.

Missah will now outline the lessons to be covered in this chapter. Good studying.

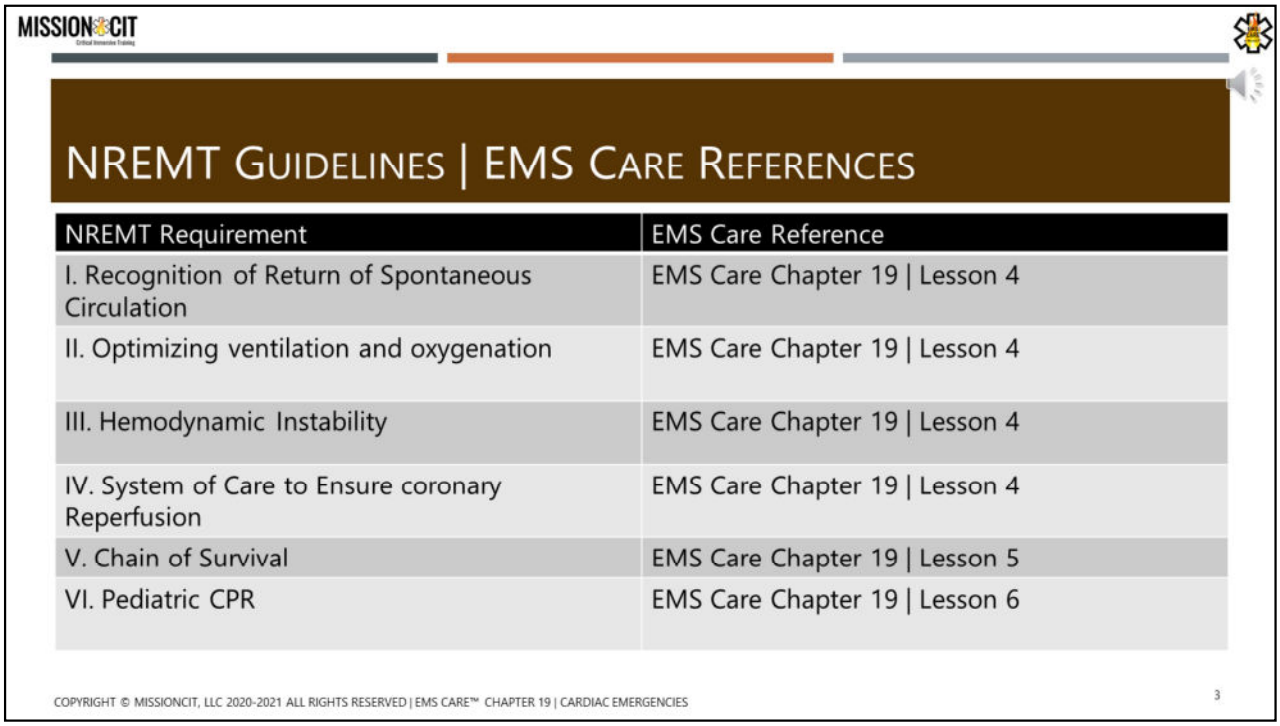


We will be having the following lessons in this chapter

- Lesson 1: Anatomy of the Heart
- Lesson 2: Pathophysiology of the Heart
- Lesson 3: Care During Cardiac Emergencies
- Lesson 4: Return of Spontaneous Circulation
- Lesson 5: Cardiac Arrest
- Lesson 6: Pediatric Cardiac Emergencies

We complete our studies with a Chapter Review followed by a quiz. You will need to watch all the

lessons, answer the interactive questions; and finally score a 75% grade or higher on the quiz, to get credit for this chapter.



The N R E M T educational guidelines are listed in the table on this slide. You can reference the associated EMS Care lesson where the material is found. The content in this chapter fully covers the defined NREMT educational guidelines along with supplemental knowledge relevant to the subject matter.

- Recognition of Return of Spontaneous Circulation
- Optimizing Ventilation and Oxygenation
- Hemodynamic Instability
- System of care to ensure coronary reperfusion
- Chain of Survival
- Pediatric CPR

- Happy studying