


Missa:

Hello and Welcome, and thank you for selecting MissionCIT's EMS Care courseware. I am Missah, your host for the first part of this Chapter About Geriatric Emergencies.

My colleague Justin and I will take turns presenting the material.

As a reminder, or if you are starting in this chapter, most of the course materials are available via audio. The audio is intended to complement the written materials

and may vary from the slide deck's words.  More importantly, we will include some essential additional information.  So be sure to listen carefully.

Justin, do you have anything to add?

Justin:

Thank you Missah.  First, I want to thank the course Instructor Aimee Lynn Roberts for providing the guidance and material to share with you.  Aimee is a certified EMS-I, has trained untold thousands of EMS students, and was honored with the Connecticut EMS Instructor of the Year award.

And if you would like to follow our words, please click the link below to see the speech text.  Also, please look for embedded 3d models and animations in the pop-up text.  We hope you find them helpful.  You can rotate the model using the left-click of your mouse, or one-finger on a touch screen device.  Also, you can slide the model using the right-click, or two-fingers on a touch screen. And you can make them larger or smaller using the mouse wheel, or finger gestures as you would for a picture.  You can also make the model full page by clicking in the lower right-hand corner of the model image. We have included a 3d model on this page so you can try it out.

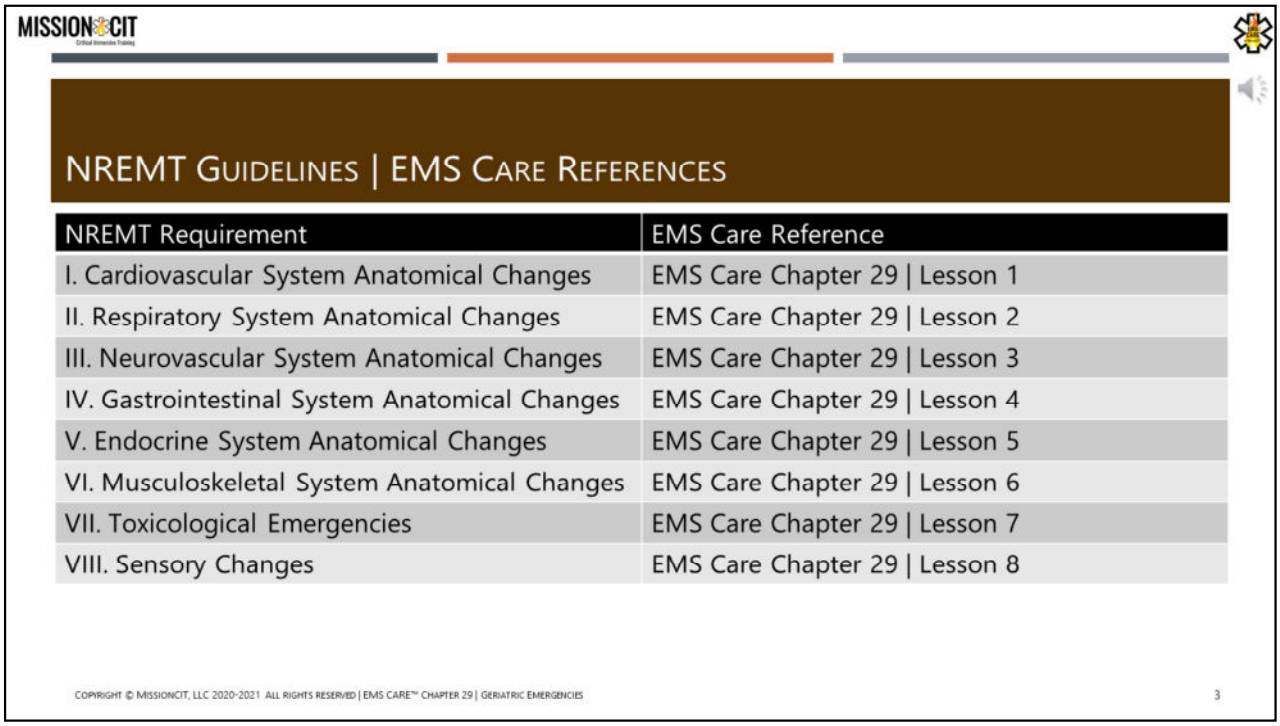
Missah, please continue.




The objective of the ten lessons in this chapter is to highlight anatomical and resultant physiological changes you will encounter in geriatric patients. All major bodily systems are affected as we age. In addition, we touch upon common Toxicological emergencies and Sensory changes affecting these patients. And we again review Elder Abuse and Neglect as it may be contributory to the nature of your call.

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 NR EMT and NHTSA 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 standards, along with supplemental knowledge relevant to the subject matter.

I will be right back to discuss cardiovascular changes in the next lesson.

Good studying.

- Anatomical changes in the cardiovascular system
  - Cardiovascular changes in the elderly
  - Myocardial Infraction
  - Heart failure
- Anatomical changes in the Respiratory system
  - Respiratory changes in the elderly
  - Pneumonia
  - Pulmonary embolism
- Anatomical changes in the Neurovascular system
  - Neurovascular changes in the elderly
  - Dementia

    - Delirium
- Anatomical changes in the Gastrointestinal system
    - Gastrointestinal changes in the elderly
    - Gastrointestinal bleeding
- Anatomical changes in the Genitourinary system
    - Genitourinary changes in the elderly
    - Endocrine changes in the elderly
    - Hyperosmolar hyperglycemic
- Anatomical changes in the Musculoskeletal system
    - Musculoskeletal changes in the elderly
    - Osteoporosis
- Toxicological emergencies
- Sensory changes
    - Vision
    - Hearing
    - Pain perception