

## MRI Imaging of Muscle

1. Causes of muscle pathology include which of the following?
  - a. Traumatic
  - b. Autoimmune
  - c. Infectious
  - d. All the above
2. What grade of muscle strain is a 10-50% fiber disruption?
  - a. Grade 1
  - b. Grade 2
  - c. Grade 3
  - d. Grade 4
3. Muscle hernias are most commonly seen in the \_\_\_\_\_.
  - a. Lower extremity
  - b. Upper extremity
  - c. Lumbar spine
  - d. Cervical spine
4. What is the infarction of skeletal muscle called?
  - a. Inclusion body myositis
  - b. Myonecrosis
  - c. Inflammatory myopathy
  - d. Polymyositis
5. In compartment syndrome, elevated pressure reduces \_\_\_\_\_ to muscles.
  - a. Venous blood flow
  - b. Nerve signals
  - c. Arterial blood flow
  - d. Stimulation
6. True or false. Infarcted muscle can be salvaged.
  - a. True
  - b. False
7. What refers to the dysfunction of skeletal muscle and encompasses a spectrum of diseases?
  - a. Dystrophy
  - b. Syndrome
  - c. Myopathy
  - d. Edema
8. What is an aggressive bacterial infection that spreads rapidly between muscle the compartment along deep fascial planes and subcutaneous fat?
  - a. Necrotizing fasciitis
  - b. Denervation
  - c. Myositis
  - d. Parsonage-Turner syndrome