

## Muscles Of Forearm Quiz Answer Key PDF

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**Identify a common injury related to the forearm muscles and describe its treatment options.**

- A. Fracture of the radius.
- B. Tennis elbow. ✓**
- C. Carpal tunnel syndrome.
- D. Wrist sprain.

**Which muscle is located in the anterior compartment of the forearm?**

- A. Extensor Carpi Ulnaris
- B. Flexor Carpi Radialis ✓**
- C. Supinator
- D. Extensor Digitorum

**What is the action of the Extensor Digitorum muscle?**

- A. Flexation of the fingers
- B. Extension of the fingers ✓**
- C. Pronation of the forearm
- D. Supination of the forearm

**What condition is commonly associated with inflammation of the lateral epicondyle?**

- A. Golfer's Elbow
- B. Carpal Tunnel Syndrome
- C. Tennis Elbow ✓**
- D. De Quervain's Tenosynovitis

**What is the primary function of the flexor muscles in the forearm?**

- A. Extension of the wrist
- B. Flexion of the wrist ✓**
- C. Supination of the forearm
- D. Pronation of the forearm

**Which of the following muscles are located in the posterior compartment of the forearm? (Select all that apply)**

- A. Extensor Carpi Radialis Longus ✓**
- B. Flexor Carpi Radialis
- C. Extensor Carpi Ulnaris ✓**
- D. Pronator Teres

**Which nerve primarily innervates the posterior compartment of the forearm?**

- A. Median Nerve
- B. Ulnar Nerve
- C. Radial Nerve ✓**
- D. Musculocutaneous Nerve

**Explain the difference between the flexor and extensor muscles of the forearm.**

- A. Flexor muscles are stronger than extensor muscles.
- B. Flexor muscles are located on the anterior side, extensor muscles on the posterior side. ✓**
- C. Extensor muscles are responsible for flexation.
- D. Flexor muscles are only involved in wrist movements.

**How do the pronator and supinator muscles contribute to forearm movement?**

- A. They only assist in wrist movements.
- B. Pronator muscles turn the palm down, supinator muscles turn it up. ✓**
- C. They are both located in the anterior compartment.
- D. They have no role in forearm movement.

**Which of the following conditions can affect the forearm muscles? (Select all that apply)**

- A. Carpal Tunnel Syndrome ✓**
- B. Tennis Elbow ✓**

- C. Plantar Fasciitis
- D. Golfer's Elbow ✓**

**Which artery primarily supplies blood to the forearm?**

- A. Brachial Artery ✓**
- B. Femoral Artery
- C. Radium Artery
- D. Subclavian Artery

**What are the functions of the supinator muscle? (Select all that apply)**

- A. Flexation of the wrist
- B. Supination of the forearm ✓**
- C. Extension of the fingers
- D. Rotation of the forearm to turn the palm up ✓**

**What are the symptoms and causes of carpal tunnel syndrome?**

- A. Pain in the elbow.
- B. Numbness and tingling in the hand. ✓**
- C. Weakness in the shoulder.
- D. Swelling in the wrist.

**Discuss the blood supply to the forearm and its significance.**

- A. Only the radial artery supplies the forearm.
- B. The radial and ulnar arteries supply blood to the forearm. ✓**
- C. Blood supply is not important for muscle function.
- D. The forearm has no blood supply.

**Which muscle is not part of the superficial layer of the anterior compartment?**

- A. Flexor Carpi Ulnaris
- B. Palmaris Longus
- C. Flexor Digitorum Superficialis

**D. Supinator ✓**

**Describe the role of the median nerve in the forearm.**

- A. It innervates the posterior compartment muscles.
- B. It supplies most of the anterior compartment muscles. ✓**
- C. It is responsible for wrist extension.
- D. It has no role in forearm function.

**Which muscles assist in the pronation of the forearm? (Select all that apply)**

- A. Pronator Teres ✓**
- B. Supinator
- C. Pronator Quadratus ✓**
- D. Flexor Carpi Ulnaris

**Which nerves supply the anterior compartment of the forearm? (Select all that apply)**

- A. Median Nerve ✓**
- B. Ulnar Nerve ✓**
- C. Radical Nerve
- D. Axillary Nerve

**Which muscle is responsible for pronation of the forearm?**

- A. Supinator
- B. Pronator Teres ✓**
- C. Flexor Digitorum Profundus
- D. Extensor Carpi Radialis

**Which muscles are involved in wrist flexation? (Select all that apply)**

- A. Flexor Carpi Radialis ✓**
- B. Extensor Carpi Ulnaris
- C. Flexor Carpi Ulnaris ✓**
- D. Extensor Digitorum