

## Peripheral Nerve Injuries

### Lecture MCQs

10 questions

#### MCQs

1. Which of the following components of the nervous system regulates voluntary muscular control?
  - Autonomic
  - Peripheral
  - Sympathetic
  - Somatic
  - Germinal
  
2. Which of the following forms a component of the voluntary peripheral nervous system?
  - Facial nerve
  - Sympathetic nerves
  - Nervi erigentes
  - Corticobulbar tract
  - Cardiac plexus
  
3. Which of the following is a cause for a peripheral nerve injury?
  - Compartment syndrome
  - Necrotising fasciitis
  - B12 deficiency
  - Folate deficiency
  - Guillain Barre syndrome

4. A 23-year-old volleyball player attends with an inability to externally rotate/initiate the first 30° of shoulder abduction. What is the most likely mechanism of nerve injury?
  - Laceration
  - Compression
  - Stretch
  - Avulsion
  - Dislocation
  
5. A 23-year-old volleyball player attends with an inability to externally rotate/initiate the first 30° of shoulder abduction. Which is the most likely injured nerve?
  - Axillary
  - Infrascapular
  - Long thoracic
  - Suprascapular
  - Thoracodorsal
  
6. In which type of nerve injury does Wallerian degeneration occur?
  - Neuropraxia
  - Demyelination
  - Axonotmesis
  - Avascular necrosis
  - Peripheral neuropathy
  
7. Within which timescale would you perform revascularisation surgery in order to avoid permanent neural injury?
  - 30 minutes
  - 24 hours
  - 3 days
  - 4-6 weeks
  - 6 hours

8. Which of the following is a classification system for nerve injuries?

- Dukes classification
- Sunderland classification
- Mirel criteria
- Gustillo & Anderson classification
- Sheffield classification

9. How quickly to nerves repair?

- 1mm per month
- 1mm per week
- 1mm per day
- 1mm per hour
- Never

10. Which of the following peripheral nerve injuries carries the best prognosis?

- Distal nerve injury
- Proximal nerve injury
- Compression injury
- Complete laceration
- Avascularisation

## Answers

1. Which of the following components of the nervous system regulates voluntary muscular control?
  - **Somatic**
2. Which of the following forms a component of the voluntary peripheral nervous system?
  - **Facial nerve**
3. Which of the following is a cause for a peripheral nerve injury?
  - **Compartment syndrome**
4. A 23-year-old volleyball player attends with an inability to externally rotate/initiate the first 30° of shoulder abduction. What is the most likely mechanism of nerve injury?
  - **Stretch**
5. A 23-year-old volleyball player attends with an inability to externally rotate/initiate the first 30° of shoulder abduction. Which is the most likely injured nerve?
  - **Suprascapular**
6. In which type of nerve injury does Wallerian degeneration occur?
  - **Axonotmesis**
7. Within which timescale would you perform revascularisation surgery in order to avoid permanent neural injury?
  - **6 hours**
8. Which of the following is a classification system for nerve injuries?
  - **Sunderland classification**

9. How quickly to nerves repair?

- **1mm per day**

10. Which of the following peripheral nerve injuries carries the best prognosis?

- **Distal nerve injury**

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