Coding for Nerve Procedures

Coding on the River
Jacksonville, FL
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Nerve Procedures

- Nerve decompression
- Nerve repair
- Nerve reconstruction
  - Nerve grafting
  - Nerve transfers
- Tendon transfers
Nerve Anatomy and Function

Nerve Compression

- Carpal Tunnel Syndrome
- Cubital Tunnel Syndrome
Carpal Tunnel Syndrome

Carpal Tunnel Release
Carpal Tunnel Syndrome

Carpal Tunnel Syndrome

Median nerve released

CPT 20526

CPT 64721
Carpal Tunnel Syndrome

CPT 29848

Cubital Tunnel Syndrome

CPT 64718
Nerve Injury and Repair

CPT 64856

Nerve Reconstruction
Sural Nerve

CPT 64897
Nerve Transfer

• Transfer of a functioning peripheral nerve to a non-functioning peripheral nerve for the purpose of restoring muscle function.
Brachial Plexus Injuries

- 90% of patients are young males
- 75% associated with head injury, thoracic trauma or c-spine injury
- 20% associated with UE vascular trauma
- 1% of MVAs and 4% of MCAs
Brachial Plexus Injuries

- Surgery indicated when there is complete nerve disruption (neurotomy)
  - nerve root avulsion from spinal cord
  - Peripheral nerve rupture

Brachial Plexus Exploration

CPT 64713
Intercostal Nerve Transfer
Partial Ulnar Nerve Transfer (Oberlin)

Partial Ulnar Nerve (Oberlin)
Partial Radial Nerve to Triceps

Free Muscle Transfer
Br of profunda femoris

Ant br of obturator n
Tendon Transfers
Steindler Flexorplasty
(CPT 24330)

- Arthur Steindler 1918
- Flexor-pronator muscle advancement

Latissimus Dorsi Tendon Transfer
(CPT 24320)
Thoracodorsal artery and nerve
Pectoralis Major Tendon Transfer
Triceps to Biceps Transfer

- Arthrogryposis
  - Non-progressive joint contractures present at birth
  - Non-functioning muscles
  - Cause unknown
“To Those Who Have Nothing a Little is a Lot”
Sterling Bunnell, MD

Thank You

Hand and Microvascular Surgery Service
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