ERB'S PALSY



WHAT IS IT?

- Clinical presenation: infants or babies present with arm in extension and wrist fully flexed
- Muscle weakness with shoulder flexion, abduction, and rotation
- Sensory deficits to the posterior and lateral aspect of the arm
- Usually happens during trial birth
- "Waiter's tip deformity"





ANATOMY

DIFFERENTIAL DIAGNOSIS

- Clavicle/humerus fracture (rule out with x-ray)
- arthritis/osteomyelitis in shoulder
- Spinal cord/brachial plexus injury
- Parsonage Turner syndrome: very painful





SPECIAL TESTS

TREATMENT EXAMPLES

- Surgery if injury is significant enough
- Identify weaknesses and improve them
- Decrease occurrence of tightness and contractures
- Encourage normal movement and function and typical milestones
- Education with parents/caregivers to avoid exacerbation of
- Prevent the injury from getting worse
- EStim could be applied to maintain muscle strength
- Constraint Induced Movement Therapy (CIMT): avoid learned non-



MEDICAL GROUP