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## Brachial Plexus Injuries

The brachial plexus is a network of nerves that sends signals from the spine to the shoulder, arm, and hand. Damage to the brachial plexus can cause symptoms such as:


- A limp or paralyzed arm
- Lack of muscle control in the arm, hand, or wrist
- Lack of feeling or sensation in the arm or hand

Brachial plexus injuries can happen because of shoulder trauma, tumors, or inflammation. Sometimes they happen during childbirth [<https://medlineplus.gov/childbirthproblems.html>] when a baby's shoulders become stuck during delivery and the nerves stretch or tear.


Some brachial plexus injuries may heal without treatment. Many children who are injured during birth improve or recover by 3 to 4 months of age. Treatment includes physical therapy and, in some cases, surgery.

NIH: National Institute of Neurological Disorders and Stroke

### Learn More

- Brachial plexopathy [<https://medlineplus.gov/ency/article/001418.htm>] (Medical Encyclopedia)  
Also in Spanish [<https://medlineplus.gov/spanish/ency/article/001418.htm>]
- Brachial Plexus Injury [<https://www.ninds.nih.gov/health-information/disorders/brachial-plexus-injury>]  
 (National Institute of Neurological Disorders and Stroke)
- Brachial plexus injury in newborns [<https://medlineplus.gov/ency/article/001395.htm>] (Medical Encyclopedia)  
Also in Spanish [<https://medlineplus.gov/spanish/ency/article/001395.htm>]
- Burner (Stinger) [<https://kidshealth.org/en/teens/burners.html>] (Nemours Foundation)  
Also in Spanish [<https://kidshealth.org/es/teens/burners.html>]
- Burners [<https://familydoctor.org/condition/burners/?adfree=true>] (American Academy of Family Physicians)  
Also in Spanish [<https://es.familydoctor.org/condicion/burners-es/?adfree=true>]

### Clinical Trials

- ClinicalTrials.gov: Brachial Plexus Injuries [<https://clinicaltrials.gov/search?cond=%22Brachial+Plexus+Neuropathies%22+OR+%22Brachial+Plexus+Injuries%22&aggFilters=status:not%20rec>]  
 (National Institutes of Health)

### Journal Articles

References and abstracts from MEDLINE/PubMed (National Library of Medicine)

- Article: Changes in Glenohumeral Musculoskeletal Development Following Brachial Plexus Birth Injury.  
[<https://www.ncbi.nlm.nih.gov/pubmed/40483597>]

Article: Single versus double tendon transfer for improving shoulder function in brachial...  
[<https://www.ncbi.nlm.nih.gov/pubmed/40461996>]

- Article: Modern Medical Rehabilitation Methods for Patients with Peripheral Nerve and Brachial...  
[<https://www.ncbi.nlm.nih.gov/pubmed/40416502>]
- Brachial Plexus Injuries -- see more articles [<https://pubmed.ncbi.nlm.nih.gov/?term=%22Brachial+Plexus+Neuropathies%22%5Bmajr%3Anoexp%5D+AND+humans%5Bmh%5D+AND+english%5Bla%5D+AND+%22last+1+Year%22+%5Bedat%5D+NOT+%28letter%5Bpt%5D+OR+case+reports%5Bpt%5D+OR+editorial%5Bpt%5D+OR+comment%5Bpt%5D%29+AND+free+full+text%5Bsb%5D+>]



## National Institutes of Health

The primary NIH organization for research on *Brachial Plexus Injuries* is the National Institute of Neurological Disorders and Stroke [<http://www.ninds.nih.gov/>]

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