

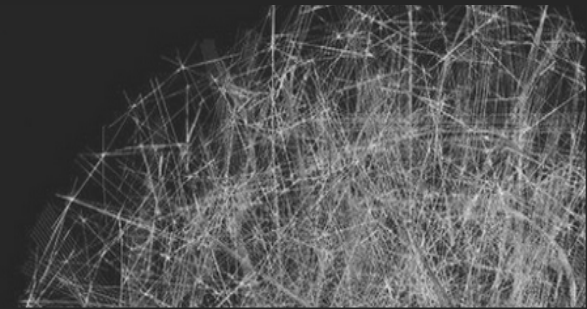


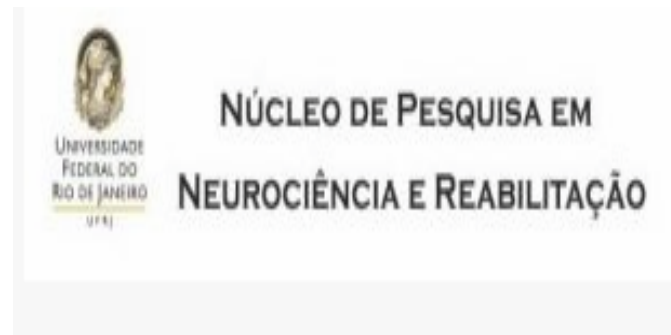
Núcleo de Pesquisa em
Neurociência e Reabilitação

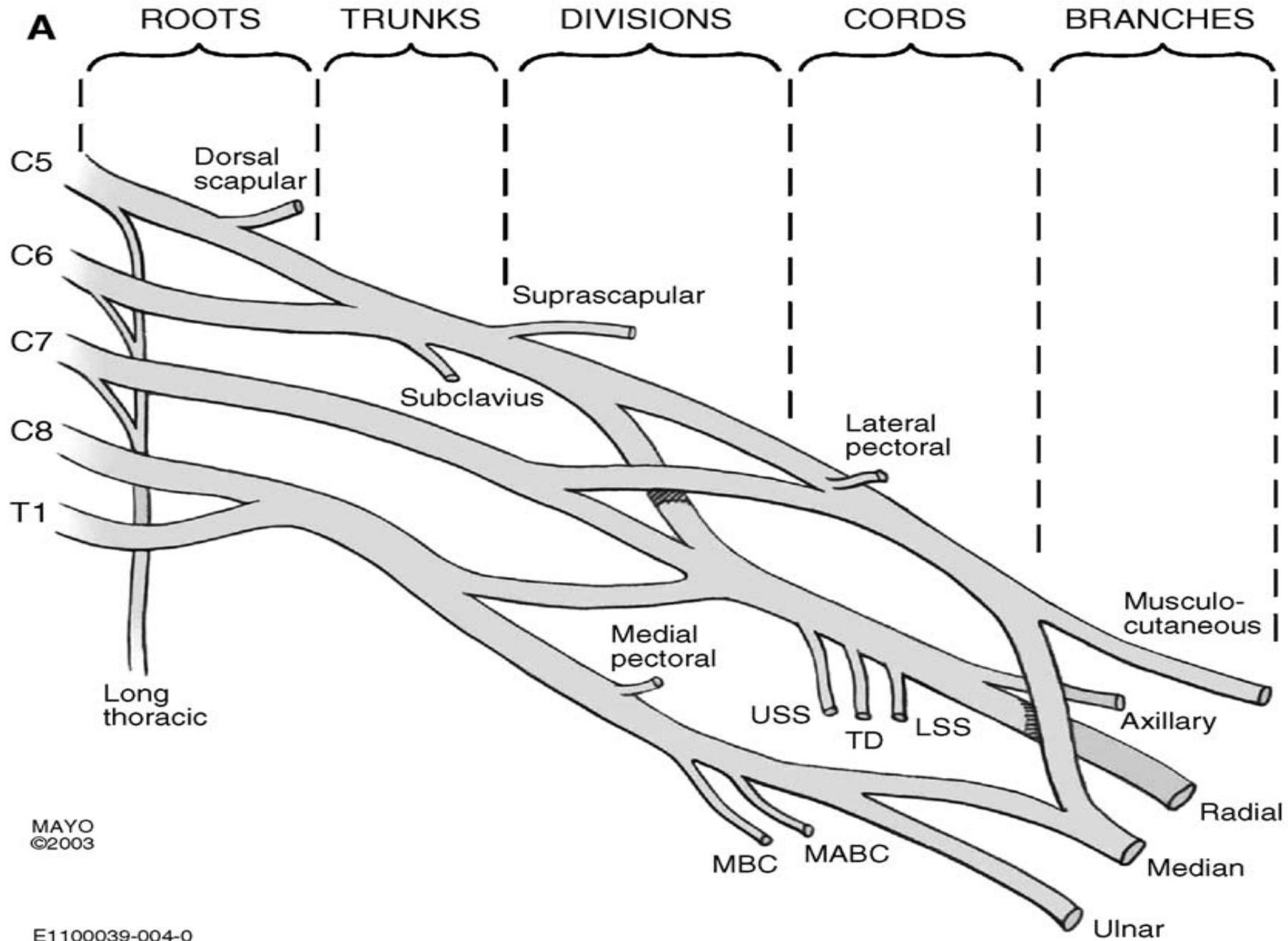
BRACHIAL PLEXUS INJURY

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NeuroMat







Causes of a brachial plexus injury

Brachial plexus injury (BPI) is an umbrella term for a variety of conditions that may impair function of the brachial plexus nerve network.

The majority of pediatric and adult brachial plexus injuries are caused by trauma. The most common inciting events may include:

- High-speed vehicular accidents, especially motorcycle accidents
- Blunt trauma
- Stab or gunshot wounds
- Inflammatory processes (brachial plexitis)
- Compression (for example caused by a growing tumor)
- Neuropathies

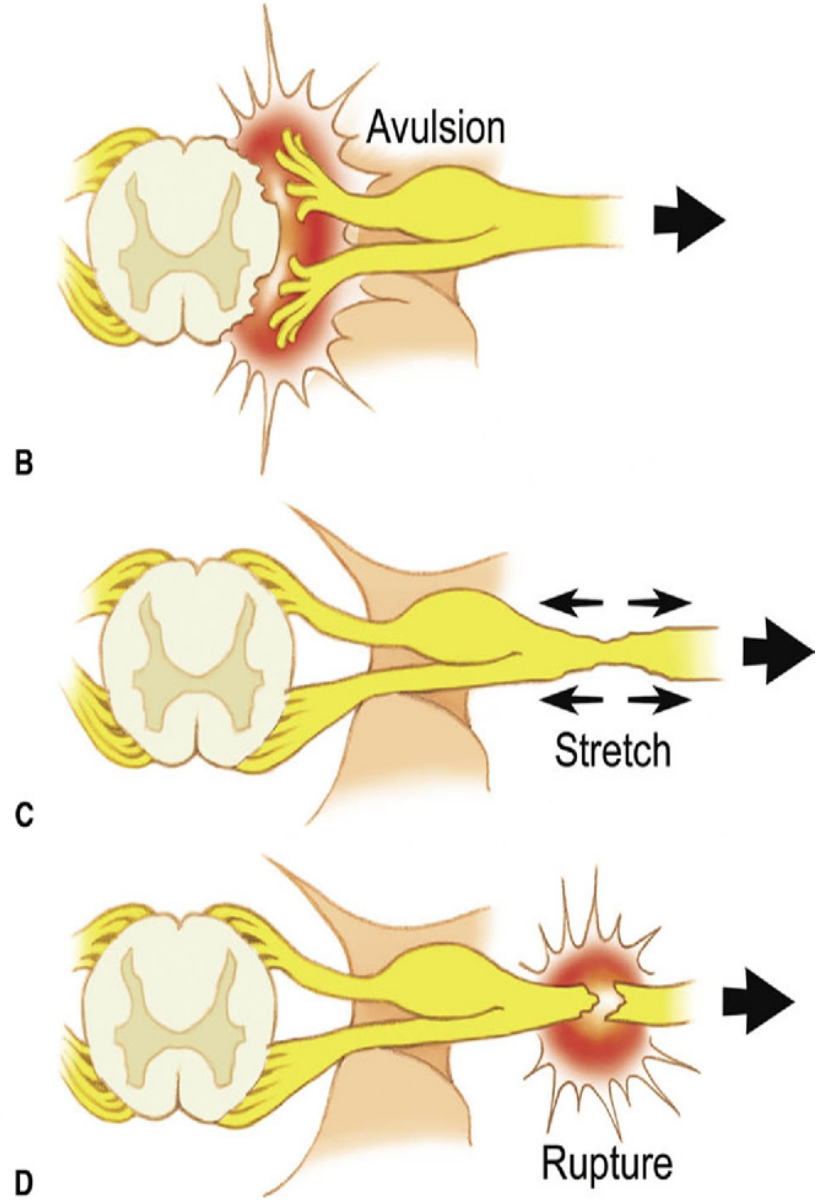
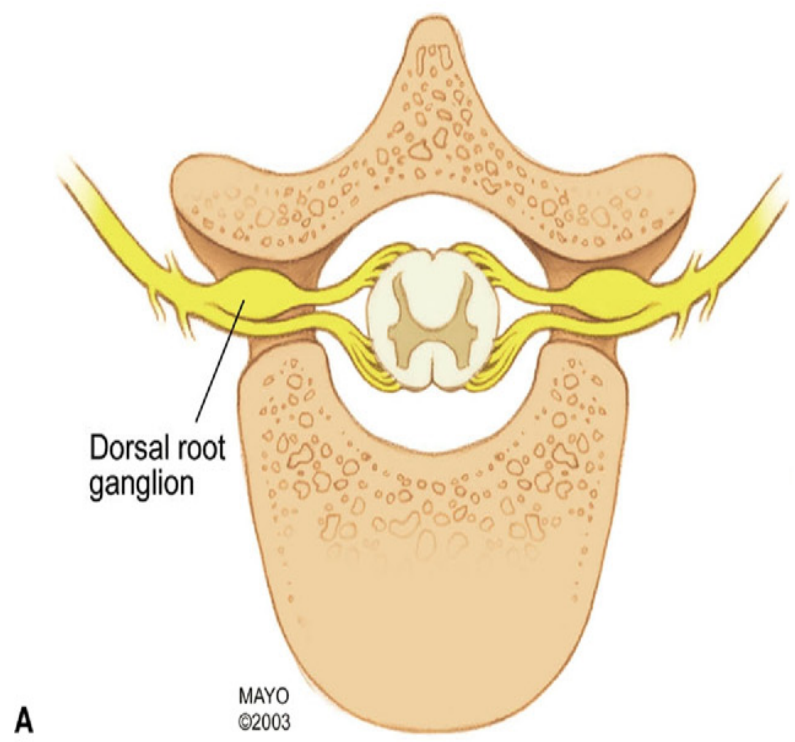


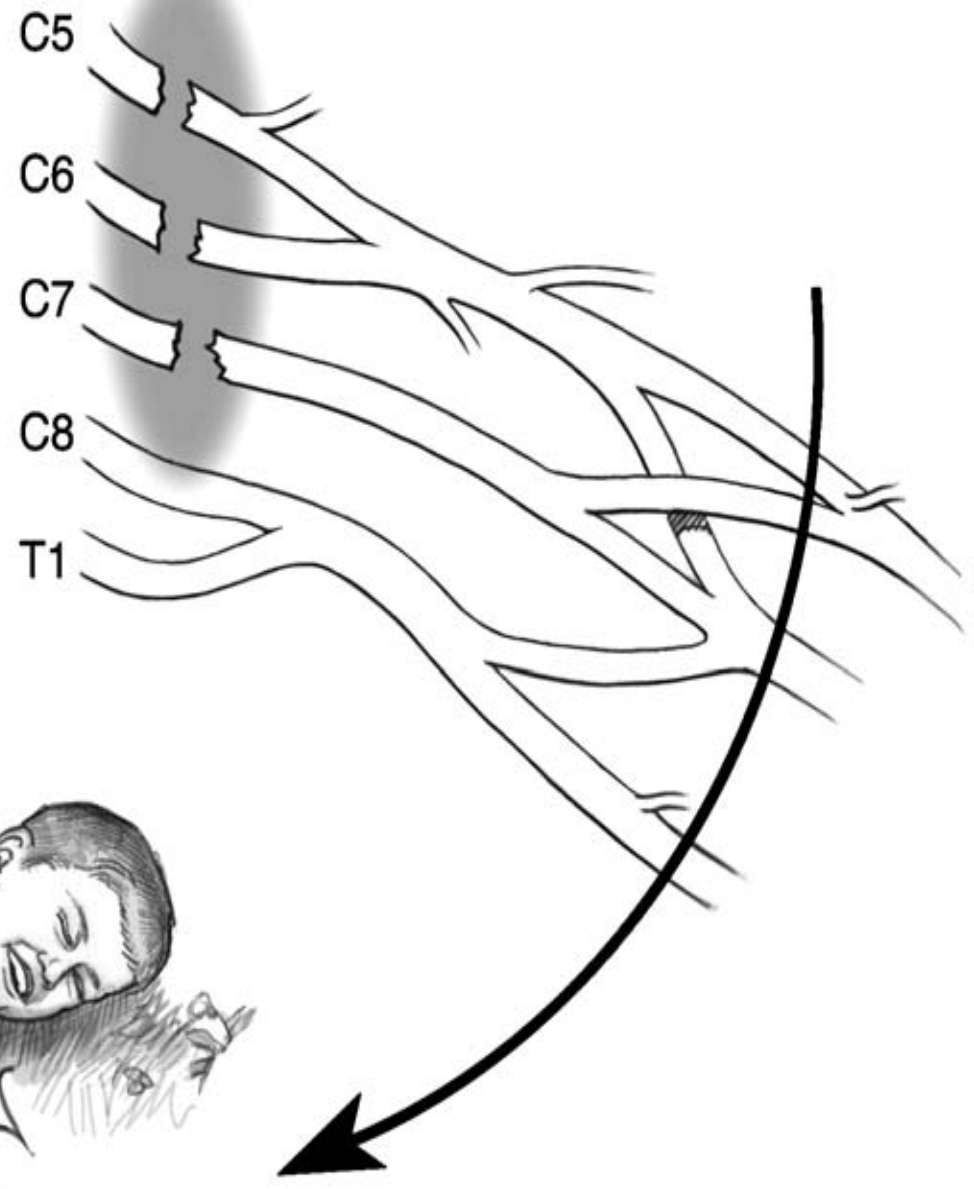
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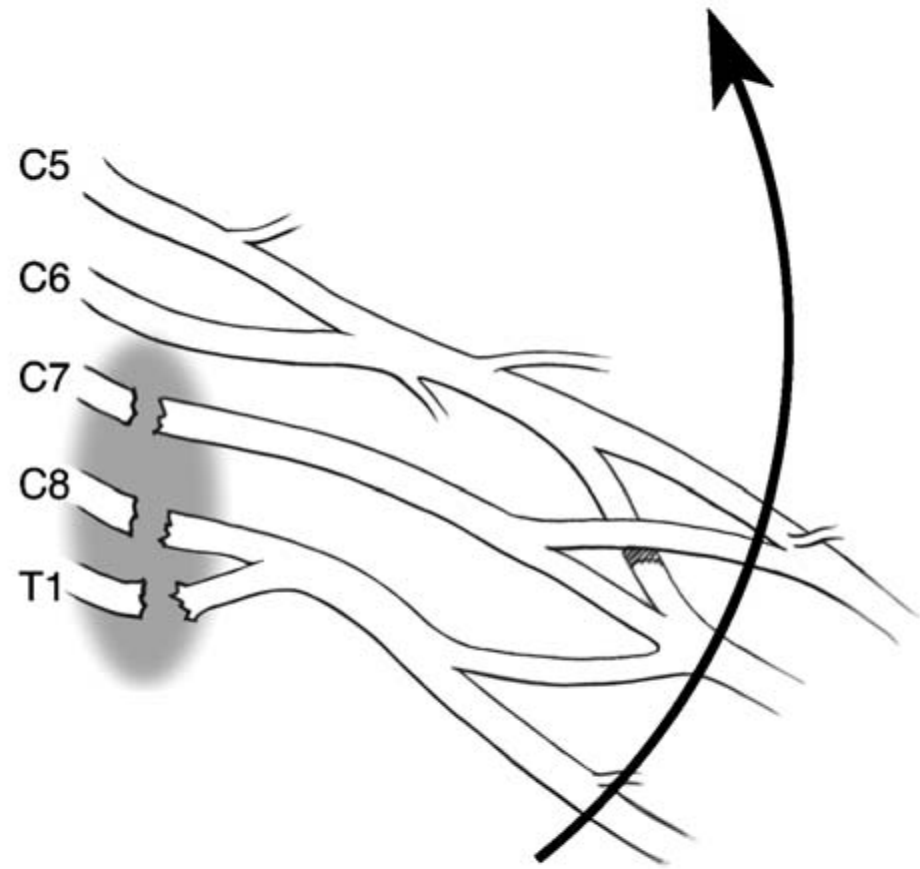
Perfil Epidemiológico de Pacientes com Lesão Traumática do Plexo Braquial avaliados em um Hospital Universitário no Rio de Janeiro, Brasil, 2011

Epidemiological Profile of Patients with Traumatic Brachial Plexus Injury
evaluated in a University Hospital in Rio de Janeiro, Brazil, 2011

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Fernanda Guimarães de Andrade^{1,3}, Luciana Castaneda¹
Abrahão Fontes Baptista^{4,5}, Katia Nunes S^{5,4}, Cláudia D. Vargas^{1,2},
Marleide da Mota Gomes¹, José Fernando Guedes¹, José Vicente Martins¹*





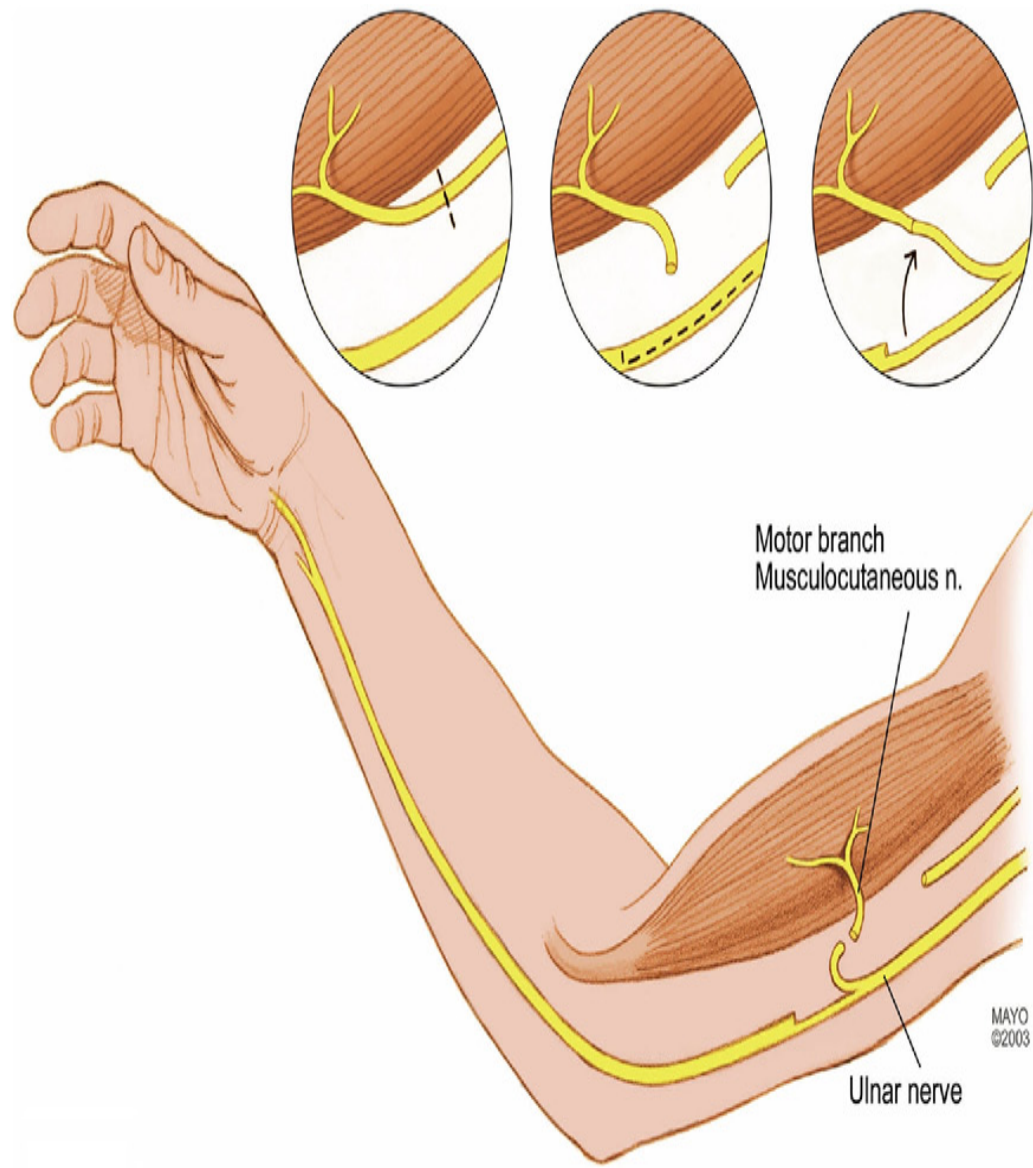


Traumatic brachial plexus injuries are a devastating injury that results in partial or total denervation of the muscles of the upper extremity

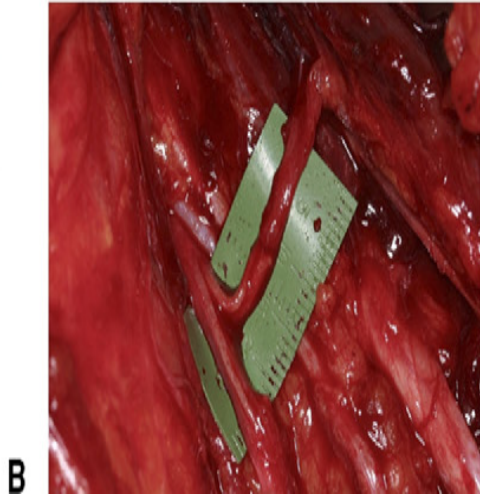
Treatment options that include neurolysis, nerve grafting, or neurotization (nerve transfer) has become an important procedure in the restoration of function in patients with irreparable preganglionic lesions

Restoration of elbow flexion is the primary goal in treating patients with severe brachial plexus injuries

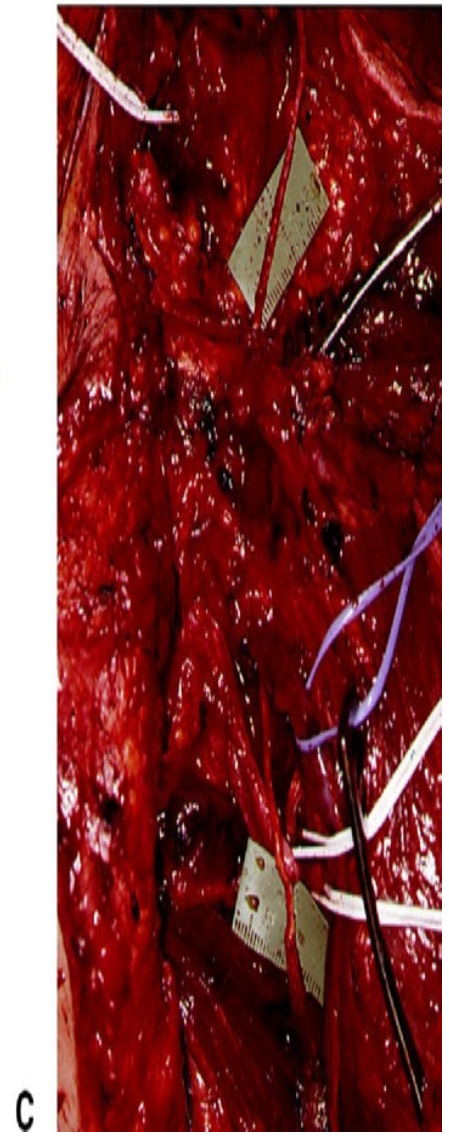
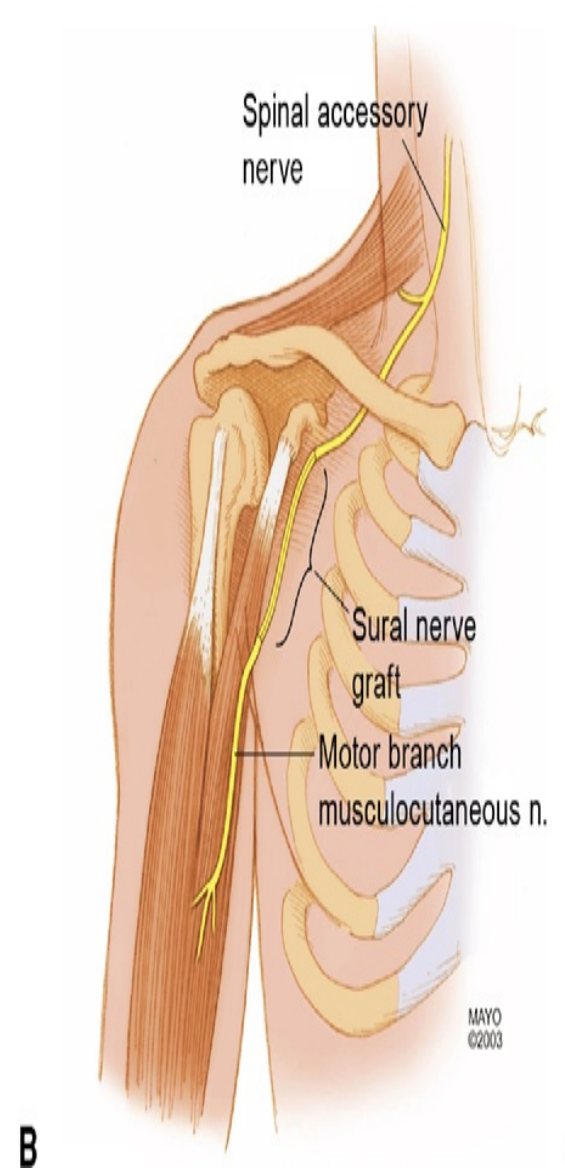
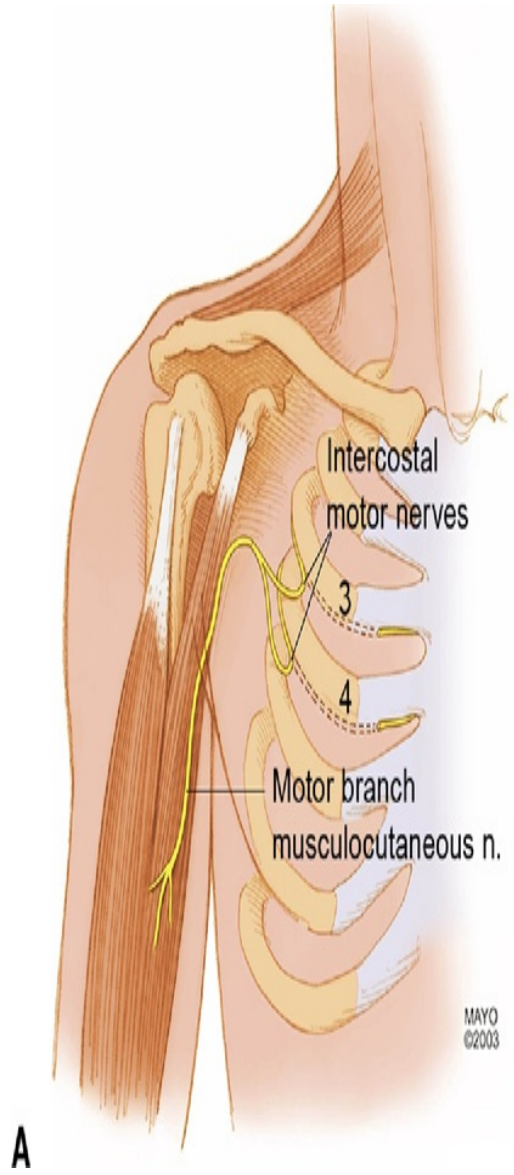
Monreal, 2007



A



B



Thank you

