

Treatment of Dystonia



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For treatment of dystonia, it is important to know the cause and pathogenesis of dystonic disorders. But in many cases of dystonia, the treatment is only symptomatic.

In this talk, a comprehensive review of various treatment modalities for dystonia would be provided. First, as pharmacological therapy, dopaminergic and anti-dopaminergic, anticholinergic, GABAergic medications will be discussed. Next, chemodenervation using Botulinum toxins will be shown. And then, surgical therapy, including central surgeries (deep brain stimulation and pallidotomy) and peripheral surgeries (selective peripheral denervation and myectomy), will be presented. Lastly, the role of physical and occupational therapy will be emphasized.

Throughout this talk, learning goals are as follows:

You could determine

- (1) Which drugs can be given,
- (2) What the mechanism of Botulinum toxin's action is,
- (3) Where the targets of surgeries are.

Key Words: Dystonia; Botulinum toxin; Deep brain stimulation

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