

Botulinum Toxin Therapy Botox®/Myobloc®

OrthoNeuro
A Multi-Specialty Center of Excellence



What is Botulinum Toxin?

BOTOX®/Myobloc® are highly purified, naturally occurring proteins which have the ability to very precisely relax the muscles which are causing pain and spasm.

How Does Botulinum Toxin Work?

Both BOTOX® and Myobloc® block the chemical signal from the nerve endings that produce muscle contraction and muscle spasm.



How Long Can I Be Treated With Botulinum Toxin?

Botulinum Toxin has been used to treat more than one million patients worldwide. No formal, long-term clinical evaluations have been conducted, but its safety in long-term use has been well established.

Will My Insurance Pay for Botulinum Toxin Therapy?

Most insurance companies including Medicare and Medicaid cover BOTOX®/Myobloc® for medically necessary reasons. Preauthorization is needed which can commonly take up to eight weeks. Insurance may not pay for treatment of certain off label diagnoses not considered medically necessary.

Why is Botulinum Toxin Used?

BOTOX® was approved by the U.S. Food and Drug Administration in 1989 for the treatment of strabismus (lazy eye), blepharospasm (uncontrolled eye blinking), in 2000 for cervical dystonia (torticollis), in 2002 for cosmetic use and in 2004 for hyperhidrosis (excessive sweating). Myobloc® was approved for cervical dystonia in 2000. Off label uses include treatment for the following conditions:

- Migraines
- Tension headaches
- Neck pain
- Low back pain
- Hemifacial spasm
- Tremor
- Spasticity associated with stroke, cerebral palsy or multiple sclerosis
- Writer's cramp/Limb dystonia
- Fibromyalgia
- Bladder sphincter spasticity
- Spasmodic dysphonia
- Piriformis syndrome
- Bruxism (Teeth grinding)



What Should I Expect From the Procedure?

Botulinum Toxin treatments take only a few minutes. Injections are performed into the dysfunctional or painful muscles using a fine needle after cleaning the skin with rubbing alcohol. A cold spray is used to numb the skin before the injection. Most people tolerate the procedure very well with minimal discomfort.

What are Potential Complications?

There are potential risks any time a foreign substance is injected into the body. Based on over 20 years of clinical experience, an allergic or adverse reaction to BOTOX® or Myobloc® is highly unlikely. Bruising or bleeding can occur as with any injection. Tell your doctor if you are on a blood thinner such as Coumadin/Warfarin. Temporary weakness can occur in the muscle at or around the injection site. This can include eyelid droopiness for those injected above the eyebrows or heaviness in the head after injections into the neck muscles. If this occurs, it usually lasts only several days to two weeks. Temporary dry mouth may occur. BOTOX®/Myobloc® does not damage the muscle.



If you are pregnant or trying to get pregnant or breast feeding, you are **NOT** a candidate for Botulinum Toxin treatments. Other people that should **NOT** have treatment include those with Myasthenia Gravis, Eaton-Lambert Syndrome or patients on aminoglycoside antibiotics.

The first in focus.

Founded more than 60 years ago, OrthoNeuro was the first private group in central Ohio to provide a multi-disciplinary center specializing in orthopedic surgery, sports medicine, neurology, neurosurgery and physical medicine and rehabilitation.

The foremost in care.

Our focus ensures that our patients receive the highest quality of care in an environment that's committed to personal attention.

Our **SportMed** program provides comprehensive sports medicine care from injury prevention to injury treatment and rehabilitation.

Our **SpineMed** program calls upon a multi-disciplinary team of surgeons, physical medicine and rehabilitation physicians along with therapists to diagnose, treat and rehabilitate spinal injuries.

Our **WorkMed** program provides treatment and rehabilitation for industrial and occupational-related injuries. OrthoNeuro specializes in musculoskeletal and neurological disorders in the following areas:

Orthopedic Services

- Orthopedic Surgery
- Fracture Care
- Foot & Ankle Surgery
- Spine Surgery
- Arthroscopic Surgery
- Sports Medicine
- Hand Surgery
- Joint Replacement
- Spine Disorders

Neurologic Services

- Neurology
- Migraine Treatment
- Occupational Medicine
- Neurosurgery
- Headache Treatment
- Industrial Medicine

Physical Medicine and Rehabilitation

- EMG/EEG
- Physical Medicine
- Rehabilitation

Imaging

Physical Therapy and Rehabilitation

Spine**Med**

Sport**Med**

Work**Med**

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