WHAT IS CERVICAL DYSTONIA?
Cervical dystonia (CD) is a condition that causes the muscles in your neck to tighten or spasm without your control. With cervical dystonia, your head may turn in an unusual way, or it may be forced into an abnormal, uncomfortable position. This condition can be painful and challenging.\(^1,2\)

Common signs of cervical dystonia may include:
- Muscle spasms or tightness\(^3\)
- Uncomfortable pulling or drawing in the neck\(^3\)
- Painful head turning\(^3\)
- Neck pain (reported in up to 75% of patients)\(^4\)
- Aches and pains around the neck that worsen over time\(^5\)
- Head tremors\(^4\)

Cervical dystonia is estimated to affect approximately 125,000 people in the United States.\(^6\)

WHAT CAUSES CERVICAL DYSTONIA?
It is unknown what exactly causes the muscle contractions associated with cervical dystonia. Some cases appear to be linked to head, neck, or shoulder injuries or certain drugs, such as antipsychotic or anti-nausea agents.\(^7\) More research is needed to understand the exact genetic or environmental factors that may cause or contribute to cervical dystonia.

HOW IS CERVICAL DYSTONIA TREATED?
Cervical dystonia is treated by various medical experts, including neurologists and movement disorder specialists, otolaryngologists (ear, nose and throat specialists), and physiatrists (doctors specializing in physical rehabilitation). While there is no cure for cervical dystonia, there are a number of treatment options that can help relieve the excessive muscle spasms of the neck and shoulder muscles and the associated neck pain.
Doctors have been using BOTOX® for cervical dystonia and its symptoms since it was FDA approved in 2000. BOTOX® treatment is considered a first-line therapy for cervical dystonia patients. For the vast majority of people with cervical dystonia, BOTOX® injections are effective.

Results from a key clinical study showed that after receiving BOTOX® treatment (as compared with placebo), people with cervical dystonia had:

• Improved head posture
• Reduced intensity and frequency of neck pain

WHAT IS BOTOX® TREATMENT?

To treat adults with cervical dystonia, BOTOX® blocks the nerve signals that cause muscle spasms. This helps reduce muscle stiffness and tension.

There is no daily treatment required with BOTOX®. Your specialist will administer BOTOX® treatments by injecting the medicine directly into affected muscles. You can get treated again after the effect of the previous injection has worn off, but no sooner than every 3 months.

WHAT ARE THE SIDE EFFECTS ASSOCIATED WITH BOTOX® TREATMENT?

Some side effects of BOTOX® include difficulty swallowing, upper respiratory infection, neck pain, headache, increased cough, flu-like symptoms, back pain, inflammation of the nasal passages, dizziness, increased muscle tone or stiffness, soreness at injection site, general weakness/fatigue or lack of energy, oral dryness, speech disorder, fever, nausea, and drowsiness.

This list does not cover all the possible side effects of BOTOX®. Patients should see the Important Safety Information, including Boxed Warning, and talk to their doctor about any concerns they may have.
IMPORTANT SAFETY INFORMATION (continued)

Especially tell your doctor if you: have received any other botulinum toxin product in the last 4 months; have received injections of botulinum toxin such as Myobloc®, Dysport®, or Xeomin® in the past (be sure your doctor knows exactly which product you received); have recently received an antibiotic by injection; take muscle relaxants; take an allergy or cold medicine; take a sleep medicine; take anti-platelets (aspirin-line products) or anti-coagulants (blood thinners).

Other side effects of BOTOX® include: dry mouth, discomfort or pain at the injection site, tiredness, headache, neck pain, and eye problems: double vision, blurred vision, decreased eyesight, drooping eyelids, swelling of your eyelids, or dry eyes.

For more information refer to the Medication Guide or talk with your doctor.

You are encouraged to report negative side effects of prescription drugs to the FDA. Visit www.fda.gov/medwatch or call 1-800-FDA-1088.

Please see BOTOX® full Product Information including Boxed Warning and Medication Guide.

REFERENCES:

9. BOTOX® (onabotulinumtoxinA) Prescribing Information. Updated September 2013.

For further information, please contact Allergan, Inc.’s Corporate Affairs & Public Relations Department at +1 (714) 246-4819

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