Clinical Policy: OnabotulinumtoxinA (Botox)
Reference Number: CP.PHAR.232
Effective Date: 07.01.16
Last Review Date: 11.20
Line of Business: Commercial, HIM, Medicaid

See Important Reminder at the end of this policy for important regulatory and legal information.

Description
OnabotulinumtoxinA (Botox®) is an acetylcholine release inhibitor and a neuromuscular blocking agent.

FDA Approved Indication(s)

<table>
<thead>
<tr>
<th>Indication</th>
<th>Adults</th>
<th>Pediatrics</th>
<th>Treatment</th>
<th>Prophylaxis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Overactive bladder</td>
<td>X</td>
<td></td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Urinary incontinence</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Migraine</td>
<td>X</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Upper/lower limb spasticity (includes CP)</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Cervical dystonia (focal dystonia)</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Axillary hyperhidrosis</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Blepharospasm (focal dystonia)</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Strabismus</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
</tbody>
</table>

Off-Label Uses

<table>
<thead>
<tr>
<th>Indication</th>
<th>Adults</th>
<th>Pediatrics</th>
<th>Treatment</th>
<th>Prophylaxis</th>
</tr>
</thead>
<tbody>
<tr>
<td>Laryngeal dystonia*</td>
<td>X</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Oromandibular dystonia*</td>
<td>X</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Upper extremity dystonia*</td>
<td>X</td>
<td>X</td>
<td>X</td>
<td></td>
</tr>
<tr>
<td>Upper extremity essential tremor*</td>
<td>X</td>
<td></td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Esophageal achalasia</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>HD and IAS achalasia</td>
<td>X</td>
<td>X</td>
<td></td>
<td>X</td>
</tr>
<tr>
<td>Chronic anal fissure</td>
<td>X</td>
<td></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

Abbreviations: cerebral palsy (CP); Hirschsprung disease (HD), internal anal sphincter (IAS) achalasia.

*See criteria set entitled Focal Dystonia and Essential Tremor

Botox is indicated for:
- Treatment of:
  - Overactive bladder (OAB) with symptoms of urge urinary incontinence, urgency, and frequency, in adults who have an inadequate response to or are intolerant of an anticholinergic medication
  - Urinary incontinence due to detrusor over-activity associated with a neurologic condition [e.g., spinal cord injury (SCI), multiple sclerosis (MS)] in adults who have an inadequate response to or are intolerant of an anticholinergic medication
- Prophylaxis of headaches in adult patients with chronic migraine (≥ 15 days per month with headache lasting 4 hours a day or longer)
- Treatment of:
  - Spasticity in patients 2 years of age and older
Cervical dystonia (CD) in adult patients, to reduce the severity of abnormal head position and neck pain
- Severe axillary hyperhidrosis that is inadequately managed by topical agents in adult patients
- Blepharospasm associated with dystonia in patients ≥ 12 years of age
- Strabismus in patients ≥ 12 years of age

Limitation(s) of use:
- Safety and effectiveness of Botox have not been established for:
  - Prophylaxis of episodic migraine (14 headache days or fewer per month)
  - Treatment of hyperhidrosis in body areas other than axillary
- Botox has not been shown to improve upper extremity functional abilities, or range of motion at a joint affected by a fixed contracture.

Policy/Criteria
Provider must submit documentation (such as office chart notes, lab results or other clinical information) supporting that member has met all approval criteria.

Index
I. Initial Approval Criteria
   A. Overactive Bladder and Urinary Incontinence
   B. Chronic Migraine
   C. Upper and Lower Limb Spasticity (includes cerebral palsy)
   D. Cervical Dystonia (focal dystonia)
   E. Axillary Hyperhidrosis (excessive underarm sweating)
   F. Blepharospasm (focal dystonia - abnormal eyelid muscle contraction)
   G. Strabismus (eye misalignment)
   H. Focal Dystonia and Essential Tremor (off-label)
   I. Esophageal Achalasia (off-label)
   J. Hirschsprung Disease and Internal Anal Sphincter Achalasia (off-label)
   K. Chronic Anal Fissure (off-label)
   L. Other diagnoses/indications

II. Continued Approval Criteria
   A. Chronic Migraine
   B. Esophageal Achalasia
   C. All Other Indications in Section I
   D. Other diagnoses/indications

III. Diagnoses/Indications for which coverage is NOT authorized:

IV. Appendices
V. Dosage and Administration
VI. Product Availability
VII. References

It is the policy of health plans affiliated with Centene Corporation® that Botox is medically necessary when one of the following criteria is met:
I. Initial Approval Criteria

A. Overactive Bladder and Urinary Incontinence (must meet all):
   1. Diagnosis of one of the following (a or b):
      a. OAB and member’s history is positive for urinary urgency, frequency, and
         nocturia with or without incontinence;
      b. Urinary incontinence and member’s history is positive for an associated
         neurologic condition (e.g., spinal cord injury, multiple sclerosis);
   2. Prescribed by or in consultation with a neurologist or urologist;
   3. Age ≥ 18 years;
   4. Failure of a trial of at least two anticholinergic agents and one oral beta-3 agonist
      medication (see Appendix B), each used for at least 30 days, unless clinically
      significant adverse effects are experienced or all are contraindicated;
   5. Member meets both of the following (a and b):
      a. Botox is not prescribed concurrently with other botulinum toxin products;
      b. Botulinum toxin therapy for cosmetic or medical conditions has not been
         administered within the last 12 weeks;
   6. Treatment plan details number of Units per injection site and treatment session;
   7. Request meets one of the following (a or b):
      a. OAB: Dose does not exceed 100 Units per treatment session;
      b. Urinary incontinence associated with a neurologic condition: Dose does not
         exceed 200 Units per treatment session.

Approval duration:
Medicaid/HIM – 12 weeks (single treatment session)
Commercial – 6 months or to member’s renewal date, whichever is longer

B. Chronic Migraine (must meet all):
   1. Diagnosis of chronic migraine (i.e., ≥ 15 headache days per month for at least 3
      months with headache lasting 4 hours a day or longer);
   2. Prescribed by or in consultation with a neurologist or pain specialist;
   3. Age ≥ 18 years;
   4. Failure of at least 2 of the following oral migraine preventative therapies, each for 8
      weeks and from different therapeutic classes, unless clinically significant adverse
      effects are experienced or all are contraindicated (a, b, or c):
      a. Antiepileptics (e.g., divalproex sodium, sodium valproate, topiramate);
      b. Beta-blockers (e.g., metoprolol, propranolol, timolol);
      c. Antidepressants (e.g., amitriptyline, venlafaxine);
   5. Member meets all of the following (a, b, and c):
      a. Botox is not prescribed concurrently with injectable CGRP inhibitors (e.g.,
         Aimovig®, Ajovy®, Emgality®);
      b. Botox is not prescribed concurrently with other botulinum toxin products;
      c. Botulinum toxin therapy for cosmetic or medical conditions has not been
         administered within the last 12 weeks;
   6. Treatment plan details number of Units per injection site and treatment session;
   7. Dose does not exceed 155 Units per treatment session.

Approval duration:
Medicaid/HIM – 24 weeks (two 12-week treatment sessions)
Commercial – 6 months or to member’s renewal date, whichever is longer

C. Upper and Lower Limb Spasticity (*includes cerebral palsy*) (must meet all):
   1. Diagnosis of upper or lower limb spasticity (e.g., associated with paralysis, central nervous system demyelinating diseases such as multiple sclerosis, cerebral palsy, stroke);
   2. Prescribed by or in consultation with a neurologist, orthopedist, or physiatrist;
   3. Age ≥ 2 years;
   4. If request is for upper limb spasticity, failure of Xeomin® and Dysport®, unless clinically significant adverse effects are experienced or both are contraindicated;
   5. If request is for lower limb spasticity failure of Dysport, unless contraindicated or clinically significant adverse effects are experienced;
   6. Member meets both of the following (a and b):
      a. Botox is not prescribed concurrently with other botulinum toxin products;
      b. Botulinum toxin therapy for cosmetic or medical conditions has not been administered within the last 12 weeks;
   7. Treatment plan details number of Units per injection site and treatment session;
   8. Request meets one of the following (a or b):
      a. Age ≥ 18 years: Upper and/or lower limb: Dose not exceed 400 Units per treatment session;
      b. Age 2 through 17 years (i, ii, and iii):
         i. Upper limb: Dose does not exceed the lower of 6 Units/kg body weight or 200 Units per treatment session;
         ii. Lower limb: Dose does not exceed the lower of 8 Units/kg body weight or 300 Units per treatment session;
         iii. If upper and lower limb spasticity are treated in the same treatment session, number of Units per treatment session does not exceed the lower of 10 Units/kg body weight or 340 Units per treatment session.

Approval duration:
Medicaid/HIM – 12 weeks (single treatment session)
Commercial – 6 months or to member’s renewal date, whichever is longer

D. Cervical Dystonia (*focal dystonia*) (must meet all):
   1. Diagnosis of CD;
   2. Prescribed by or in consultation with a neurologist, orthopedist, or physiatrist;
   3. Age ≥ 16 years;
   4. Member is experiencing involuntary contractions of the neck and shoulder muscles (e.g., splenius capitis, sternocleidomastoid, levator scapulae, scalene, trapezius, semispinalis capitis) resulting in abnormal postures or movements of the neck, shoulders or head;
   5. Contractions are causing pain and functional impairment;
   6. If age ≥ 18 years, failure of Xeomin and Dysport, unless clinically significant adverse effects are experienced or both are contraindicated;
   7. Member meets both of the following (a and b):
      a. Botox is not prescribed concurrently with other botulinum toxin products;
b. Botulinum toxin therapy for cosmetic or medical conditions has not been administered within the last 12 weeks;

8. Treatment plan details number of Units per injection site and treatment session;

9. Request meets one of the following (a or b):
   a. Age ≥ 18 years: Dose does not exceed 100 Units total in the sternocleidomastoid (SCM) muscle and 300 Units per treatment session;
   b. Age 16 through 17 years: Dose does not exceed 100 Units total in the SCM muscle and the lower of 10 Units/kg body weight or 300 Units per treatment session.

**Approval duration:**

**Medicaid/HIM** – 12 weeks (single treatment session)

**Commercial** – 6 months or to member’s renewal date, whichever is longer

**E. Primary Axillary Hyperhidrosis (excessive underarm sweating) (must meet all):**

*The treatment of hyperhidrosis is a benefit exclusion for HIM*

1. Diagnosis of primary axillary hyperhidrosis;
2. Prescribed by or in consultation with a neurologist or dermatologist;
3. Age ≥ 18 years;
4. Failure of a 6-month trial of topical aluminum chloride, unless contraindicated or clinically significant adverse effects are experienced;
5. Member meets both of the following (a and b):
   a. Botox is not prescribed concurrently with other botulinum toxin products;
   b. Botulinum toxin therapy for cosmetic or medical conditions has not been administered within the last 12 weeks;
6. Treatment plan details number of Units per injection site and treatment session;
7. Dose does not exceed 100 Units per treatment session.

**Approval duration:**

**Medicaid** – 12 weeks (single treatment session)

**HIM** – Benefit Exclusion (Not Approvable)

**Commercial** – 6 months or to member’s renewal date, whichever is longer

**F. Blepharospasm (focal dystonia - abnormal eyelid muscle contraction) (must meet all):**

1. Diagnosis of blepharospasm;
2. Prescribed by or in consultation with a neurologist or ophthalmologist;
3. Age ≥ 12 years;
4. Member is experiencing significant disability in daily functional activities due to interference with vision;
5. If age ≥ 18 years, failure of Xeomin, unless contraindicated or clinically significant adverse effects are experienced;
6. Member meets both of the following (a and b):
   a. Botox is not prescribed concurrently with other botulinum toxin products;
   b. Botulinum toxin therapy for cosmetic or medical conditions has not been administered within the last 12 weeks;
7. Treatment plan details number of Units per injection site and treatment session;
8. Dose does not exceed 2.5 Units per muscle, 7.5 Units per eye, and 15 Units per treatment session.
Approval duration:
Medicaid/HIM – 12 weeks (single treatment session)
Commercial – 6 months or to member’s renewal date, whichever is longer

G. Strabismus (*eye misalignment*) (must meet all):
1. Diagnosis of one of the following (a, b, or c):
   a. Vertical strabismus (superior and inferior rectus muscles, superior and inferior oblique muscles);
   b. Horizontal strabismus (medical and lateral rectus muscles) (i or ii):
      i. Horizontal strabismus < 20 prism diopters;
      ii. Horizontal strabismus 20 to 50 prism diopters;
   c. Persistent sixth cranial nerve (VI; abducens nerve) palsy of ≥ one month involving the lateral rectus muscle;
2. Prescribed by or in consultation with a neurologist or ophthalmologist;
3. Age ≥ 12 years;
4. Member meets both of the following (a and b):
   a. Botox is not prescribed concurrently with other botulinum toxin products;
   b. Botulinum toxin therapy for cosmetic or medical conditions has not been administered within the last 12 weeks;
5. Request meets one of the following (a, b, or c):
   a. Vertical strabismus, or horizontal strabismus < 20 prism diopters: Dose does not exceed 2.5 Units per muscle and 5 Units per treatment session;
   b. Horizontal strabismus 20 to 50 prism diopters: Dose does not exceed 5 Units per muscle and 10 Units per treatment session;
   c. VI nerve palsy: Dose does not exceed 2.5 Units per treatment session (limited to treatment of one eye).

Approval duration:
Medicaid/HIM – 12 weeks (single treatment session)
Commercial – 6 months or to member’s renewal date, whichever is longer

H. Focal Dystonia and Essential Tremor (*off-label*) (must meet all):
1. Diagnosis of one of the following (a, b, c, or d):
   a. Laryngeal dystonia;
   b. Oromandibular dystonia (OMD);
   c. Upper extremity (UE) dystonia;
   d. UE essential tremor;
2. Prescribed by or in consultation with a neurologist, ENT specialist, orthopedist, or physiatrist;
3. Age meets one of the following (a or b):
   a. For upper extremity dystonia: Age ≥ 2 years;
   b. For all other indications: Age ≥ 18 years;
4. For upper extremity dystonia: Failure of a trial of carbidopa/levodopa or trihexyphenidyl (*see Appendix B*), unless clinically significant adverse effects are experienced or both are contraindicated;
5. Member meets both of the following (a and b):
a. Botox is not prescribed concurrently with other botulinum toxin products;
b. Botulinum toxin therapy for cosmetic or medical conditions has not been administered within the last 12 weeks;
6. Treatment plan details number of Units per injection site and treatment session;
7. Request meets one of the following (a or b):
   a. Laryngeal dystonia: Dose does not exceed 25 Units per treatment session;
   b. OMD/UE dystonia, UE essential tremor: Dose is supported by practice guidelines or peer-reviewed literature for the relevant off-label use and member age *(prescriber must submit supporting evidence; Units per treatment session does not exceed the lower of 10 Units/kg body weight or 340 Units for pediatrics, or 400 Units for adults).*

**Approval duration:**
- Medicaid/HIM – 12 weeks (single treatment session)
- Commercial – 6 months or to member’s renewal date, whichever is longer

### I. Esophageal Achalasia (off-label) (must meet all):
1. Diagnosis of esophageal achalasia;
2. Prescribed by or in consultation with a gastroenterologist;
3. Age ≥ 18 years;
4. Member is not a candidate for pneumatic dilation or laparoscopic surgical myotomy (e.g., due to age, comorbidity);
5. Member meets both of the following (a and b):
   a. Botox is not prescribed concurrently with other botulinum toxin products;
   b. Botulinum toxin therapy for cosmetic or medical conditions has not been administered within the last 12 weeks;
6. Treatment plan details number of Units per injection site and treatment session;
7. Dose does not exceed 100 Units per treatment session.

**Approval duration:**
- Medicaid/HIM – 12 weeks (single treatment session)
- Commercial – 6 months or to member’s renewal date, whichever is longer

### J. Hirschsprung Disease, Internal Anal Sphincter Achalasia (off-label) (must meet all):
1. Diagnosis of one of the following (a or b):
   a. Hirschsprung disease (HD) and (i or ii):
      i. Member has an HD subtype known as ultra-short segment HD;
      ii. Botox is prescribed for constipation post-surgery;
   b. Internal anal sphincter (IAS) achalasia;
2. Prescribed by or in consultation with a gastroenterologist;
3. Age ≥ 2 years;
4. Failure of a trial of stool softeners and laxatives *(see Appendix B)*, unless clinically adverse effects are experienced or all are contraindicated;
5. Member meets both of the following (a and b):
   a. Botox is not prescribed concurrently with other botulinum toxin products;
   b. Botulinum toxin therapy for cosmetic or medical conditions has not been administered within the last 12 weeks;
6. Treatment plan details number of Units per injection site and treatment session;
7. Dose does not exceed 100 Units per treatment session.

**Approval duration:**
- Medicaid/HIM – 12 weeks (single treatment session)
- Commercial – 6 months or to member’s renewal date, whichever is longer

**K. Chronic Anal Fissure (off-label) (must meet all):**
1. Diagnosis of chronic anal fissure;
2. Prescribed by or in consultation with a gastroenterologist or colorectal surgeon;
3. Age ≥ 18 years;
4. Failure of nitroglycerin ointment and either oral/topical nifedipine or diltiazem (*see Appendix B*), unless contraindicated or clinically significant adverse effects are experienced;
5. Member meets both of the following (a and b):
   - a. Botox is not prescribed concurrently with other botulinum toxin products;
   - b. Botulinum toxin therapy for cosmetic or medical conditions has not been administered within the last 12 weeks;
6. Treatment plan details number of Units per injection site and treatment session;
7. Dose does not exceed 25 Units per treatment session.

**Approval duration:**
- Medicaid/HIM – 12 weeks (single treatment session)
- Commercial – 6 months or to member’s renewal date, whichever is longer

**L. Other diagnoses/indications:**
1. Refer to the off-label use policy for the relevant line of business if diagnosis is NOT specifically listed under section III (Diagnoses/Indications for which coverage is NOT authorized): CP.CPA.09 for commercial, HIM.PHAR.21 for health insurance marketplace, and CP.PMN.53 for Medicaid.

**II. Continued Approval**

**A. Chronic Migraine (must meet all):**
1. Currently receiving medication via Centene benefit or member has previously met all initial approval criteria;
2. If receipt of ≥ 2 Botox treatment sessions, member has experienced and maintained a 30% reduction in monthly migraine headache frequency from baseline;
3. Member meets all of the following (a, b, and c):
   - a. Botox is not prescribed concurrently with injectable CGRP inhibitors (e.g., Aimovig, Ajovy, Emgality);
   - b. Botox is not prescribed concurrently with other botulinum toxin products;
   - c. Botulinum toxin therapy for cosmetic or medical conditions has not been administered within the last 12 weeks;
4. Treatment plan details number of Units per injection site and treatment session;
5. If request is for a dose increase, new dose does not exceed 155 Units per treatment session.

**Approval duration:**
- Medicaid/HIM – 24 weeks (two 12-week treatment sessions)
- Commercial – 6 months or to member’s renewal date, whichever is longer
B. **Esophageal Achalasia** (must meet all):
   1. Currently receiving medication via Centene benefit or member has previously met all initial approval criteria;
   2. Member is responding positively to therapy;
   3. Member meets all of the following (a, b, and c):
      a. Botox is not prescribed concurrently with other botulinum toxin products;
      b. Botulinum toxin therapy for cosmetic or medical conditions has not been administered within the last 12 weeks;
      c. If member has previously received ≥ 2 Botox treatment sessions for esophageal achalasia, it has been at least 24 weeks since the last treatment session;
   4. Treatment plan details number of Units per injection site and treatment session;
   5. If request is for a dose increase, new dose does not exceed 100 Units per treatment session.

**Approval duration:**

**Medicaid/HIM** – 24 weeks (single treatment session)

**Commercial** – 6 months or to member’s renewal date, whichever is longer

C. **All Other Indications in Section I** (must meet all):

*The treatment of hyperhidrosis is a benefit exclusion for HIM*

1. Currently receiving medication via Centene benefit or member has previously met initial approval criteria;
2. Member is responding positively to therapy;
3. Member meets both of the following (a and b):
   a. Botox is not prescribed concurrently with other botulinum toxin products;
   b. Botulinum toxin therapy for cosmetic or medical conditions has not been administered within the last 12 weeks;
4. Treatment plan details number of Units per injection site and treatment session;
5. If request is for a dose increase, request meets one of the following (a through j):
   a. OAB: Dose does not exceed 100 Units per treatment session;
   b. Urinary incontinence associated with a neurologic condition: Dose does not exceed 200 Units per treatment session;
   c. Upper/lower limb spasticity (i or ii):
      i. Age ≥ 18 years: Upper and/or lower limb: Dose not exceed 400 Units per treatment session;
      ii. Age 2 through 17 years (a, b, and c):
         a) Upper limb: Dose does not exceed the lower of 6 Units/kg body weight or 200 Units per treatment session;
         b) Lower limb: Dose does not exceed the lower of 8 Units/kg body weight or 300 Units per treatment session.
         c) If upper and lower limb spasticity are treated in the same treatment session, number of Units per treatment session does not exceed the lower of 10 Units/kg body weight or 340 Units per treatment session;
   d. CD (i or ii):
      i. Age ≥ 18 years: Dose does not exceed 100 Units total in the SCM muscle and 300 Units per treatment session;
CLINICAL POLICY
OnabotulinumtoxinA

ii. Age 16 through 17 years: Dose does not exceed 100 Units total in the SCM muscle and the lower of 10 Units/kg body weight or 300 Units per treatment session;

e. Primary axillary hyperhidrosis: Dose does not exceed 100 Units per treatment session;

f. Blepharospasm: Dose does not exceed 5 Units per muscle, 15 Units per eye, and 30 Units per treatment session;

g. Strabismus (i or ii):
   i. Vertical and horizontal strabismus: Dose does not exceed the lower of a two-fold increase or 25 Units per muscle and 50 Units per treatment session;
   ii. VI nerve palsy: Dose does not exceed the lower of a two-fold increase or 25 Units per muscle and 25 Units per treatment session;

h. Focal dystonia and essential tremor (i or ii):
   i. Laryngeal dystonia: Dose does not exceed 25 Units per treatment session;
   ii. OMD/UE dystonia, UE essential tremor: Dose is supported by practice guidelines or peer-reviewed literature for the relevant off-label use and member age (prescriber must submit supporting evidence; number of Units per treatment session does not exceed the lower of 10 Units/kg body weight or 340 Units for pediatrics, or 400 Units for adults);
   i. HD, IAS achalasia: Dose does not exceed 100 Units per treatment session;
   j. Chronic anal fissure: Dose does not exceed 25 Units per treatment session.

Approval duration:
Medicaid/HIM – 12 weeks (single treatment session)
Commercial – 6 months or to member’s renewal date, whichever is longer

D. Other diagnoses/indications (1 or 2):
   1. Currently receiving medication via Centene benefit and documentation supports positive response to therapy.
      Approval duration: 12 weeks (single treatment session); or
   2. Refer to the off-label use policy for the relevant line of business if diagnosis is NOT specifically listed under section III (Diagnoses/Indications for which coverage is NOT authorized): CP.CPA.09 for commercial, HIM.PHAR.21 for health insurance marketplace, and CP.PMN.53 for Medicaid.

III. Diagnoses/Indications for which coverage is NOT authorized:
   A. Non-FDA approved indications, which are not addressed in this policy, unless there is sufficient documentation of efficacy and safety according to the off label use policies – CP.CPA.09 for commercial, HIM.PHAR.21 for health insurance marketplace, and CP.PMN.53 for Medicaid, or evidence of coverage documents;
   B. Cosmetic treatment of hyperfunctional wrinkles of the upper face including glabellar frown lines, deep forehead wrinkles and periorbital wrinkles (crow’s feet);
   C. Episodic migraine (≤ 14 headache days per month): Safety and efficacy have not been established per the package insert;
   D. Same-visit treatment of multiple indications with the exception of upper/lower limb spasticity.
### Appendix A: Abbreviation/Acronym Key

- CD: cervical dystonia
- FDA: Food and Drugs Administration
- HD: Hirschsprung disease
- IAS: internal anal sphincter
- MS: multiple sclerosis
- OAB: overactive bladder
- OMD: oromandibular dystonia
- SCI: spinal cord injury
- UE: upper extremity

### Appendix B: Therapeutic Alternatives

This table provides a listing of preferred alternative therapy recommended in the approval criteria. The drugs listed here may not be a formulary agent for all relevant lines of business and may require prior authorization.

<table>
<thead>
<tr>
<th>Drug Name</th>
<th>Dosing Regimen</th>
<th>Dose Limit/ Maximum Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Overactive bladder, urinary incontinence</strong></td>
<td></td>
<td></td>
</tr>
</tbody>
</table>
| oxybutynin (Ditropan®/XL, Gelnique®) <br> (anticholinergic agent) | • Immediate-release tablets: 5 mg orally two to three times daily  
• Extended-release tablets: 5-10 mg orally once daily  
• Topical gel: Apply contents of one sachet topically once daily | • Immediate-release: 20 mg/day  
• Extended-release: 30 mg/day  
• Gel: one sachet/day |
| tolterodine tartrate (Detrol®/LA) <br> (anticholinergic agent) | • Immediate-release tablets: 2 mg orally twice daily  
• Extended-release tablets: 4 mg orally once daily | 4 mg/day |
| Myrbetriq® (mirabegron) <br> (beta-3 agonist) | 25 mg orally once daily | 50 mg/day |

### Chronic migraine

**Examples of oral migraine preventive therapies** -
- **Anticonvulsants:**
  - divalproex (Depakote®), topiramate (Topamax®)
- **Beta blockers:**
  - propranolol (Inderal®), metoprolol (Lopressor®), timolol
- **Antidepressants/tricyclic antidepressants:**
  - amitriptyline (Elavil®), venlafaxine (Effexor®)

Refer to prescribing information for dosing regimens.
<table>
<thead>
<tr>
<th>Drug Name</th>
<th>Dosing Regimen</th>
<th>Dose Limit/Maximum Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Primary axillary hyperhidrosis</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Drysol® (aluminum chloride)</td>
<td>Apply topically once daily</td>
<td>One application/day</td>
</tr>
<tr>
<td><strong>Dystonia</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>carbidopa/levodopa (Sinemet®, Duopa®, Rytary®)</td>
<td>25 mg/100 mg PO QD, and increase by 1 tablet every 3 to 5 days.</td>
<td>1,200 mg/day of levodopa</td>
</tr>
<tr>
<td>trihexyphenidyl</td>
<td>30 mg PO QD</td>
<td>30 mg/day</td>
</tr>
<tr>
<td>Dysport® (abobotulinumtoxin A)</td>
<td>Cervical Dystonia: Divided among affected muscles every 12 weeks: Up to 1,000 Units IM</td>
<td>See dosing regimen</td>
</tr>
<tr>
<td>Xeomin® (incobotulinumtoxinA)</td>
<td>Cervical Dystonia: Up to 120 Units IM per treatment session every 12 weeks.</td>
<td>120 Units/12 weeks</td>
</tr>
<tr>
<td><strong>HD, IAS achalasia</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dulcolax® (bisacodyl)</td>
<td>5 to 15 mg PO or 10 mg PR QD</td>
<td>30 mg/day</td>
</tr>
<tr>
<td>MiraLax® (Polyethylene glycol 3350)</td>
<td>17 grams of polyethylene glycol 3350 in 4-8 oz water by mouth once daily</td>
<td>17 grams/day</td>
</tr>
<tr>
<td>Colace® (Docusate sodium)</td>
<td>50-200 mg PO QD-QID</td>
<td>200 mg/day</td>
</tr>
<tr>
<td><strong>Chronic anal fissure</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>nitroglycerin 0.2% ointment (Rectiv®)</td>
<td>15 to 30 mg (2.5 to 5 cm as squeezed from the tube, about 1 to 2 inches), applied topically to skin every 8 hours while awake and at bedtime; application frequency may be increased to every 6 hours if needed; alternatively, a regimen providing a 12-hour nitrate-free interval may be used; apply dosage once each morning, then 6 hours later</td>
<td>75 mg (12.5 cm as squeezed from the tube)/day</td>
</tr>
<tr>
<td>nifedipine or diltiazem (oral or topical ointment/gel-compounded)</td>
<td>PO: At provider discretion Intra-anal: 0.2% ointment or gel, applied around fissure(s) 2 times daily for 6-8 weeks</td>
<td>Varies</td>
</tr>
<tr>
<td><strong>Blepharospasm</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Xeomin® (incobotulinumtoxinA)</td>
<td>Up to 25 Units IM per eye per treatment session every 12 weeks.</td>
<td>100 Units/12 weeks</td>
</tr>
<tr>
<td><strong>Limb Spasticity</strong></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Dysport® (abobotulinumtoxinA)</td>
<td>Adult upper and lower limb spasticity: Divided among affected muscles every 12 weeks: • Upper limb: Up to 1,000 Units IM</td>
<td>See dosing regimen</td>
</tr>
</tbody>
</table>
### CLINICAL POLICY
OnabotulinumtoxinA

<table>
<thead>
<tr>
<th>Drug Name</th>
<th>Dosing Regimen</th>
<th>Dose Limit/Maximum Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>• Lower limb: Up to 1,500 Units IM</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Upper and lower limbs: Up to 1,500 Units IM staying within per limb guidelines</td>
<td></td>
</tr>
<tr>
<td>Pediatric upper and lower limb spasticity: Divided among affected muscles every 12 weeks:</td>
<td></td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Upper limb: Up to the lower of 16 Units/kg/limb IM or 640 Units IM</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Lower limb: Up to the lower of 15 Units/kg/limb IM or 1,000 Units IM</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Bilateral lower limb: Up to the lower of 30 Units IM or 1,000 Units IM</td>
<td></td>
</tr>
<tr>
<td></td>
<td>• Upper and lower limbs: Up to the lower of 30 Units IM or 1,000 Units IM staying within per limb guidelines</td>
<td></td>
</tr>
<tr>
<td>Xeomin® (incobotulinumtoxinA)</td>
<td>Upper limb spasticity: Up to 400 Units IM per treatment session every 12 weeks.</td>
<td>400 Units/12 weeks</td>
</tr>
</tbody>
</table>

Therapeutic alternatives are listed as Brand name® (generic) when the drug is available by brand name only and generic (Brand name®) when the drug is available by both brand and generic.

### Appendix C: Contraindications and Boxed Warnings
- Contraindication(s):
  - Hypersensitivity to any botulinum toxin preparation or to any of the components in the formulation
  - Infection at the proposed injection site
  - Intradetrusor injections: urinary tract infection or urinary retention
- Boxed warning(s): distant spread of toxin effect

### Appendix D: Botulinum Toxin Product Interchangeability
- Potency Units of Botox are not interchangeable with other botulinum toxin product preparations (e.g., Dysport®, Myobloc®, Xeomin®).
Appendix E: Guideline Support for Off-Label Uses

<table>
<thead>
<tr>
<th>Indication</th>
<th>Guideline</th>
</tr>
</thead>
<tbody>
<tr>
<td><em><em>Focal Dystonia</em> and Essential Tremor</em>*</td>
<td></td>
</tr>
<tr>
<td>Focal limb dystonia - UE**</td>
<td>American Academy of Neurology (2008)</td>
</tr>
<tr>
<td><strong>Gastrointestinal Conditions</strong> (see guidelines for required oral medication information)</td>
<td></td>
</tr>
<tr>
<td>Esophageal achalasia</td>
<td>American College of Gastroenterology (2013)</td>
</tr>
<tr>
<td>HD and IAS achalasia</td>
<td>American Pediatric Surgical Association (2017)</td>
</tr>
<tr>
<td>Chronic anal fissure</td>
<td>American College of Gastroenterology (2014)</td>
</tr>
</tbody>
</table>

*American Academy of Neurology (AAN) classifies Botox use for hemifacial spasm and motor tics as category C, and notes that data are inadequate to make a recommendation for lower limb dystonia. All other AAN Botox recommendations above are classified as category B - probably effective.

**Policy criteria requiring failure of oral medication for dystonias are limited to dystonias affecting the limbs (see Cloud and Jinnah, 2010).

V. Dosage and Administration

<table>
<thead>
<tr>
<th>Indication</th>
<th>Dosing Regimen</th>
<th>Maximum Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adults: OAB</td>
<td>Up to 5 Units IM per injection across up to 20 injection sites in the detrusor muscle for a total of up to 100 Units per treatment session</td>
<td>See dosing regimens for maximum dose</td>
</tr>
</tbody>
</table>
| Adults: urinary incontinence associated with neurologic condition | Up to approximately 6.7 Units IM per injection across up to 30 injection sites in the detrusor muscle for a total of up to 200 Units per treatment session | Frequency:  
  • Esophageal achalasia: one treatment session every 24 weeks.  
  • All other indications: one treatment session every 12 weeks. |
| Adults: chronic migraine                        | Up to 5 Units IM per injection across up to 7 head/neck muscles for a total of up to 155 Units per treatment session |                                                                              |
| Adults: upper and lower limb spasticity         | Up to 50 Units IM per injection and up to 400 Units per treatment session   |                                                                              |
| Pediatrics: upper and limb spasticity           | • Upper limb spasticity: Up to the lower of 6 Units/kg or 200 Units IM per treatment session  
  • Lower limb spasticity: Up to the lower of 8 Units/kg or 300 Units IM per treatment session  
  • Upper and lower limb spasticity: Up to the lower of 10 Units/kg or 340 Units IM per treatment session |                                                                              |
<p>| Adults: CD                                      | Up to 50 Units IM per injection, 100 Units total in the sternocleidomastoid (SCM) muscle, and 300 Units per treatment session |                                                                              |</p>
<table>
<thead>
<tr>
<th>Indication</th>
<th>Dosing Regimen</th>
<th>Maximum Dose</th>
</tr>
</thead>
<tbody>
<tr>
<td>Pediatrics: CD</td>
<td>Up to 50 Units IM per injection, 100 Units total in the SCM muscle, and the lower of 10 Units/kg body weight or 300 Units per treatment session</td>
<td></td>
</tr>
<tr>
<td>Adults: axillary hyperhidrosis</td>
<td>Up to 50 Units IM per axilla per treatment session</td>
<td></td>
</tr>
</tbody>
</table>
| Adults and pediatrics: blepharospasm | • Botox naive: Up to 2.5 Units IM per muscle, 7.5 Units per eye, and 15 Units per treatment session  
• Botox experienced: Up to 5 Units IM per muscle, 15 Units per eye, and 30 Units per treatment session |                                                                                               |
| Adults and pediatrics: strabismus  | • Botox naive:  
  o Vertical muscles, or horizontal strabismus < 20 prism diopters: Up to 2.5 Units IM per muscle and 5 Units per treatment session  
  o Horizontal strabismus 20 to 50 prism diopters: Up to 5 Units IM per muscle and 10 Units per treatment session  
  o VI nerve palsy: 2.5 Units IM in the medical rectus muscle and 2.5 Units per treatment session  
• Botox experienced:  
  o Vertical and horizontal strabismus: Up to the lower of a two-fold increase or 25 Units IM per muscle and 50 Units per treatment session  
  o VI nerve palsy: Up to the lower of a two-fold increase or 25 Units IM per muscle and 25 Units per treatment session |                                                                                               |
| Off-label uses                    |                                                                                                                                           |                                                                                                |
| Laryngeal dystonia                | Up to 25 Units IM per treatment session (Micromedex, 2020)                                                                                   |                                                                                                |
| OMD UE dystonia                   | Dose is supported by practice guidelines or peer-reviewed literature for the relevant off-label use and member age (prescriber must submit supporting evidence; Number of Units per treatment session does not exceed the lower of 10 Units/kg body weight or 340 Units IM for pediatrics, or 400 Units IM for adults) |                                                                                                |
| HD, IAS achalasia                 | Up to 100 Units IM per treatment session (Langer, et al., 2017)                                                                                |                                                                                                |
| Chronic anal fissure              | Up to 25 Units IM per treatment session (Micromedex, 2020)                                                                                   |                                                                                                |
VI. Product Availability
Vial: 100 Units, 200 Units

VII. References

Overactive Bladder, Urinary Incontinence

Migraine, Spasticity, Dystonia, Tremor

Primary Axillary Hyperhidrosis,
CLINICAL POLICY
OnabotulinumtoxinA

Esophageal Achalasia

Hirschsprung Disease, Internal Anal Sphincter Achalasia

Chronic Anal Fissure

Coding Implications
Codes referenced in this clinical policy are for informational purposes only. Inclusion or exclusion of any codes does not guarantee coverage. Providers should reference the most up-to-date sources of professional coding guidance prior to the submission of claims for reimbursement of covered services.

<table>
<thead>
<tr>
<th>HCPCS Codes</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>J0585</td>
<td>Injection, onabotulinumtoxinA, 1 unit</td>
</tr>
</tbody>
</table>

Reviews, Revisions, and Approvals
Policy split from CP.PHAR.09.
Added new FDA indication of lower limb spasticity per FDA labeling.
Added compendial indication of laryngeal spasm/spasmodic dysphonia.
- Overactive bladder: modified requirement for trial/failure of previous therapy to include oral beta-3 agonist medications per AUA guidelines.
- Migraine: modified continuation criteria to require 30% reduction in headache frequency after 2 injections rather than just 1 per literature review and NICE guidelines.
- Added general max dosing limit for cerebral palsy and spastic conditions and indication-specific max dosing limit for cervical dystonia, strabismus, primary axillary hyperhidrosis, upper limb spasticity, overactive bladder, urinary incontinence, and chronic migraine per PI.
- Added indication-specific max dosing limit for chronic anal fissures, esophageal achalasia, laryngeal spasm/spasmodic dysphonia, Hirschsprung’s disease, and dystonias per literature review.
- Added prescriber requirement for overactive bladder, urinary incontinence, chronic migraines, upper limb spasticity, primary axillary hyperhidrosis, chronic anal fissures, cerebral palsy, esophageal achalasia, dystonias, Hirschsprung’s disease, and spastic conditions.

<table>
<thead>
<tr>
<th>Date</th>
<th>P&amp;T Approval Date</th>
</tr>
</thead>
<tbody>
<tr>
<td>05.16</td>
<td>07.16</td>
</tr>
<tr>
<td>Reviews, Revisions, and Approvals</td>
<td>Date</td>
</tr>
<tr>
<td>-----------------------------------</td>
<td>------</td>
</tr>
<tr>
<td>- Added age restriction for upper limb spasticity and primary axillary hyperhidrosis per PI, and for chronic anal fissures, esophageal achalasia, and Hirschsprung’s disease per literature review.</td>
<td>11.16</td>
</tr>
<tr>
<td>- Added route of administration for each labeled indication per PI.</td>
<td></td>
</tr>
<tr>
<td>- Removed reauthorization criteria requiring attestation of significant improvement in symptoms and/or health-related quality of life. Added positive response to therapy to continuation criteria.</td>
<td></td>
</tr>
<tr>
<td>- Chronic migraine initial approval duration lengthened from 12 to 24 weeks (from one to two treatment sessions) to allow assessment of response as outlined in continuation criteria.</td>
<td>02.17</td>
</tr>
<tr>
<td>The off-label criteria set entitled “Spastic Conditions” is deleted due to its broad scope; off-label requests not covered elsewhere in the policy are referred to the CP.PHAR.57.Global Biopharm policy so that they may be reviewed individually. Requirement that provider submits detailed treatment plan added to curtail abuse.</td>
<td>06.17</td>
</tr>
<tr>
<td>Indications reorganized. Definition of CD is edited per AAN guidelines. Laryngeal dystonia is merged with off-label dystonias which in turn are entitled “Other Dystonias”. Clarified “blepharospasm” as a focal dystonia. Deleted causes and classifications of blepharospasm; blepharospasm and strabismus definitions are added. Dystonia information is added at Appendices B and C. Added esophageal achalasia definition. IAS achalasia is given its own line item. HD and IAS achalasia definitions added. Background FDA indication section and references categorized. “Non-cosmetic” parenthetical added to the background FDA indication section; cosmetic coverage restriction reworded under the “Other Diagnoses/Indications” section to include notation of glabellar lines.</td>
<td></td>
</tr>
<tr>
<td>2Q 2018 annual review: combined Medicaid and Commercial lines of business; added HIM line of business; expanded maximum dose for chronic migraine treatment to 200 units per treatment per 2012 NICE guidelines; Hirschsprung’s Disease and Internal Anal Sphincter Achalasia: removed requirement for dietary and fluid control; added physical medicine and rehabilitation specialist for cervical dystonia, other dystonia, upper and lower limb spasticity, and spasticity associated with CP; added pain specialist for migraine; Medicaid: lowered age limit for CD to 16 from 18 years; added physiatrist to accepted specialist for spasticity associated with CP; Commercial: approval durations changed from length of benefit to 6 months or to member’s renewal date, whichever is longer for initial and continued approval; references reviewed and updated.</td>
<td>04.24.18</td>
</tr>
<tr>
<td>2Q 2019 annual review: added requirement that Botox is not prescribed concurrently with injectable CGRP inhibitors; removed coverage for</td>
<td>01.15.19</td>
</tr>
<tr>
<td>Reviews, Revisions, and Approvals</td>
<td>Date</td>
</tr>
<tr>
<td>--------------------------------------------------------------------------------------------------</td>
<td>------------</td>
</tr>
<tr>
<td>hyperhidrosis for HIM due to benefit exclusion; references reviewed and updated.</td>
<td></td>
</tr>
<tr>
<td>RT4: criteria added for newly FDA approved indication for pediatric extension of upper limb spasticity.</td>
<td>07.23.19</td>
</tr>
<tr>
<td>RT4: criteria added for newly FDA approved indication for pediatric extension of lower limb spasticity; removed 2% specific strength requirement for nitroglycerin ointment due to availability reasons; added disclaimer regarding hyperhidrosis as a benefit exclusion for HIM on continued therapy section.</td>
<td>11.06.19</td>
</tr>
<tr>
<td>2Q 2020 annual review: CP criteria incorporated under upper/lower limb spasticity; rehabilitation specialist incorporated under physiatrist; previous (last 12 weeks) or concurrent toxin product use restriction added to all initial/continuation criteria; off-label uses limited to those with guideline-based support (laryngeal dystonia, OMD, UE dystonia/essential tremor, HD, IAD, esophageal achalasia - Appendix E); dosing updated per package insert/off-label literature (Section V); initial approval duration shortened to 12 weeks for esophageal achalasia and CCB trial added for chronic anal fissure per guidelines; same-visit treatment for multiple indications is limited to upper/lower limb spasticity (Section III); references reviewed and updated.</td>
<td>03.02.20</td>
</tr>
<tr>
<td>For chronic migraine, clarified requirement for use of two oral migraine preventative therapies that are from different therapeutic classes. RT4: updated FDA approved indication for spasticity which now includes cerebral palsy for lower limb spasticity in pediatric patients.</td>
<td>07.14.20</td>
</tr>
<tr>
<td>Per October SDC and prior clinical guidance, added the following redirections: Xeomin and Dysport for cervical dystonia and limb spasticity, Xeomin for blepharospasm. Ad hoc change: Per-injection dosing limitation removed to support individualized treatment for the following indications: OAB/urinary incontinence, chronic migraine, UE/LE, CD, primary axillary hyperhidrosis; CD continuation pediatric dosing is corrected to reflect 300 rather than 340 Units; for esophageal achalasia continuation criteria, prior toxin therapy is corrected to reflect 12 rather than 24 weeks with addition of a 24-week treatment session limitation after 2 or more sessions.</td>
<td>10.08.20</td>
</tr>
<tr>
<td>Revised upper limb spasticity redirection for pediatric patients age 2 to 17 years old from Dysport only to both Dysport and Xeomin per Xeomin FDA labeling update.</td>
<td></td>
</tr>
</tbody>
</table>

**Important Reminder**

This clinical policy has been developed by appropriately experienced and licensed health care professionals based on a review and consideration of currently available generally accepted standards of medical practice; peer-reviewed medical literature; government agency/program
approval status; evidence-based guidelines and positions of leading national health professional organizations; views of physicians practicing in relevant clinical areas affected by this clinical policy; and other available clinical information. The Health Plan makes no representations and accepts no liability with respect to the content of any external information used or relied upon in developing this clinical policy. This clinical policy is consistent with standards of medical practice current at the time that this clinical policy was approved. “Health Plan” means a health plan that has adopted this clinical policy and that is operated or administered, in whole or in part, by Centene Management Company, LLC, or any of such health plan’s affiliates, as applicable.

The purpose of this clinical policy is to provide a guide to medical necessity, which is a component of the guidelines used to assist in making coverage decisions and administering benefits. It does not constitute a contract or guarantee regarding payment or results. Coverage decisions and the administration of benefits are subject to all terms, conditions, exclusions and limitations of the coverage documents (e.g., evidence of coverage, certificate of coverage, policy, contract of insurance, etc.), as well as to state and federal requirements and applicable Health Plan-level administrative policies and procedures.

This clinical policy is effective as of the date determined by the Health Plan. The date of posting may not be the effective date of this clinical policy. This clinical policy may be subject to applicable legal and regulatory requirements relating to provider notification. If there is a discrepancy between the effective date of this clinical policy and any applicable legal or regulatory requirement, the requirements of law and regulation shall govern. The Health Plan retains the right to change, amend or withdraw this clinical policy, and additional clinical policies may be developed and adopted as needed, at any time.

This clinical policy does not constitute medical advice, medical treatment or medical care. It is not intended to dictate to providers how to practice medicine. Providers are expected to exercise professional medical judgment in providing the most appropriate care, and are solely responsible for the medical advice and treatment of members. This clinical policy is not intended to recommend treatment for members. Members should consult with their treating physician in connection with diagnosis and treatment decisions.

Providers referred to in this clinical policy are independent contractors who exercise independent judgment and over whom the Health Plan has no control or right of control. Providers are not agents or employees of the Health Plan.

This clinical policy is the property of the Health Plan. Unauthorized copying, use, and distribution of this clinical policy or any information contained herein are strictly prohibited. Providers, members and their representatives are bound to the terms and conditions expressed herein through the terms of their contracts. Where no such contract exists, providers, members and their representatives agree to be bound by such terms and conditions by providing services to members and/or submitting claims for payment for such services.

Note:
For Medicaid members, when state Medicaid coverage provisions conflict with the coverage provisions in this clinical policy, state Medicaid coverage provisions take precedence. Please refer to the state Medicaid manual for any coverage provisions pertaining to this clinical policy.

©2016 Centene Corporation. All rights reserved. All materials are exclusively owned by Centene Corporation and are protected by United States copyright law and international copyright law. No part of this publication may be reproduced, copied, modified, distributed, displayed, stored in a retrieval system, transmitted in any form or by any means, or otherwise published without the prior written permission of Centene Corporation. You may not alter or remove any trademark, copyright or other notice contained herein. Centene® and Centene Corporation® are registered trademarks exclusively owned by Centene Corporation.