



# Botox® (onabotulinumtoxinA) (Intramuscular/Intradetrusor/Intradermal)

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# I. Length of Authorization 65

Coverage will be provided for 6 months and may be renewed annually thereafter (unless otherwise specified).

- Strabismus, Esophageal Achalasia, Temporomandibular Disorders, Chronic Anal Fissures: Coverage will be provided for 6 months and may be renewed at 6-month intervals.
- Ventral Hernia: Initial coverage will be provided for 6 months and may NOT be renewed.

## **II.** Dosing Limits

Max Units (per dose and over time) [HCPCS Unit]:

Indication	Billable Units	Per # days
Blepharospasm	200	84
Cervical Dystonia	300	84
Strabismus	100	84
Esophageal Achalasia	100	168
Upper Limb Spasticity	400	84
Lower Limb Spasticity	400	84
Chronic Migraine	200	84
Severe Primary Axillary Hyperhidrosis	100	112
Sialorrhea	100	84
Neurogenic Bladder/Detrusor Overactivity	200	84
Overactive Bladder	100	84
Chronic Anal Fissures	100	84
Palmar Hyperhidrosis	200	168
Laryngeal Dystonia	100	84
Hemifacial Spasms	100	84
Oromandibular Dystonia	200	84
Ventral Hernia	500	N/A
Temporomandibular Disorders	100	84
All other indications	400	84

# III. Initial Approval Criteria 1

Coverage is provided in the following conditions:

Patient is at least 18 years of age (unless otherwise specified); AND

#### Universal Criteria 1

- Patient evaluated for any disorders which may contribute to respiratory or swallowing difficulty;
   AND
- Patient does not have a hypersensitivity to any botulinum toxin product; AND
- Patient does not have an active infection at the proposed injection site; AND
- Patient is not on concurrent treatment with another botulinum toxin (i.e., abobotulinumtoxinA, incobotulinumtoxinA, daxibotulinumtoxinA, rimabotulinumtoxinB, etc.);

#### Blepharospasms † Φ 1

Patient is at least 12 years of age

# Cervical Dystonia † Φ 1,44

- Patient is at least 16 years of age; AND
- Patient has a history of recurrent involuntary contraction of one or more muscles in the neck and upper shoulders; AND
  - Patient has sustained head tilt; OR
  - Patient has abnormal posturing with limited range of motion in the neck

#### Strabismus † Ф 1

Patient is at least 12 years of age

#### **Spastic Conditions** 1,22-25,32,33,44,46,49-51,69,81

- Patient has one of the following:
  - Upper/Lower Limb spasticity in adults (i.e., used post-stroke for spasms) †
  - Pediatric upper limb spasticity in patients at least 2 years of age (i.e., used post-stroke for spasms or for spasms related to cerebral palsy) † Φ
  - Pediatric lower limb spasticity in patients at least 2 years of age †
  - Spasticity due to multiple sclerosis or Schilder's disease ‡
  - Acquired spasticity secondary to spinal cord or brain injuries ‡
  - Spastic Plegic conditions including Monoplegia, Diplegia, Hemiplegia, Paraplegia (including Hereditary spastic paraplegia) and Quadriplegia ‡
  - Hemifacial Spasm ‡

Severe Primary Axillary Hyperhidrosis † 1,15,52,59,60,79



- Patient has tried and failed ≥ 1 month trial of a topical agent (e.g., 20% aluminum chloride, glycopyrronium, aluminum zirconium trichlorohydrate, etc.); AND
  - Patient has a history of medical complications such as skin infections or significant functional impairments; OR
  - Patient has had a significant burden of disease or impact to activities of daily living due to condition (e.g., impairment in work performance/productivity, frequent change of clothing, difficulty in relationships and/or social gatherings, etc.)

#### Prophylaxis for Chronic Migraines † 1,6,7,53,56,58,75,80

- Patient is utilizing prophylactic intervention modalities (i.e., avoiding migraine triggers, pharmacotherapy, behavioral therapy, physical therapy, etc.);
- Patient has a diagnosis of chronic migraines defined as 15 or more headache (tension-type-like and/or migraine-like) days per month for > 3 months; AND
  - Patient has had at least five attacks with features consistent with migraine (with and/or without aura)§;
  - o On at least 8 days per month for > 3 months:
    - Headaches have characteristics and symptoms consistent with migraine§; OR
    - Patient suspected migraines are relieved by a triptan or ergot derivative medication;
       AND
- One of the following apply:
  - Patient has failed at least an 8-week trial of any two oral medications for the prevention of migraines (see list of migraine-prophylactic medications below for examples ±); OR
  - o Patient had previous treatment with a CGRP antagonist used for prevention of migraines

# Esophageal Achalasia ‡ 3-5,68,70

- Patient is at high risk of complication from pneumatic dilation, surgical myotomy, or peroral endoscopic myotomy (POEM); OR
- Patient has had treatment failure with pneumatic dilation, surgical myotomy, or POEM; OR
- Patient has had perforation from pneumatic dilation; OR
- Patient has an epiphrenic diverticulum or hiatal hernia; OR
- Patient has esophageal varices

#### Focal Dystonias ‡ <sup>23-25,34-41,71-73</sup>

- Focal upper limb dystonia
  - Patient has functional impairment; OR
  - Patient has pain as a result
- Laryngeal dystonia
- Oromandibular dystonia
  - Patient has functional impairment; OR



o Patient has pain as a result

# Sialorrhea associated with Neurological Disorders ‡ 16-20,42,43

- Patient has a history of troublesome sialorrhea for at least a 3 month period; AND
  - Patient has Parkinson's disease; OR
  - o Patient has severe developmental delays; OR
  - Patient has cerebral palsy; OR
  - Patient has amyotrophic lateral sclerosis (ALS)

# Incontinence due to Detrusor Overactivity † 1,55,64,67

- Patient is at least 5 years of age; AND
- Patient does not have a current, untreated urinary tract infection; AND
- Patient has detrusor overactivity associated with a neurologic condition (i.e., spinal cord injury, multiple sclerosis, etc.) that is confirmed by urodynamic testing; AND
- Patient has failed a 1 month or longer trial of **two** medications from either the antimuscarinic (e.g., darifenacin, fesoterodine, oxybutynin, solifenacin, tolterodine or trospium, etc.) or beta-adrenergic (e.g., mirabegron, vibegron, etc.) classes

#### Overactive Bladder (OAB) † 1,55

- Patient does not have a current, untreated urinary tract infection; AND
- Patient has symptoms of urge urinary incontinence, urgency, and frequency; AND
- Patient has failed a 1 month or longer trial of **two** medications from either the antimuscarinic (e.g., darifenacin, fesoterodine, oxybutynin, solifenacin, tolterodine or trospium, etc.) or beta-adrenergic (e.g., mirabegron, vibegron, etc.) classes

#### Severe Palmar Hyperhidrosis ‡ <sup>21,52,74</sup>

- Patient has tried and failed ≥ 1 month trial of a topical agent (i.e., 20% aluminum chloride, etc.);
   AND
- Patient has failed with iontophoresis; AND
  - Patient has a history of medical complications such as skin infections or significant functional impairments; OR
  - Patient has had a significant impact to activities of daily living due to condition

#### Chronic Anal Fissure ‡ 27-31,47,61-63

- Other causes of disease have been ruled out (i.e., Crohn's Disease, etc.); AND
- Patient has failed on non-pharmacologic supportive measures (i.e., sitz baths, psyllium fiber, bulking agents, etc.);
- Patient has tried and failed a ≥ 1 month trial of conventional pharmacologic therapy (i.e. oral/topical nifedipine, diltiazem, and/or topical nitroglycerin, bethanechol, etc.)



#### Ventral Hernia ± 65,66

- Patient has a large ventral hernia with loss of domain or contaminated ventral hernia; AND
- Used preoperatively in patients scheduled to receive abdominal wall reconstruction (AWR)

#### Temporomandibular disorders (TMD) ‡ 76-78

- Patient has a diagnosis of TMD with unilateral painful symptoms (i.e., pain upon opening the mouth and chewing, headache, joint clicking/noise, etc.) lasting > 3 months; AND
- Patient has tried and failed a 3-month trial of conventional noninvasive therapy (i.e., cognitive behavior therapy, pharmacotherapy, physical therapy, occlusal devices, etc.)
- † FDA Approved Indication; ‡ Literature Supported Indication; ◆ Orphan Drug

# ± Migraine-Prophylaxis Oral Medications (list not all-inclusive) 6,53,58,80

- Antidepressants (e.g., amitriptyline, nortriptyline, venlafaxine, duloxetine, etc.)
- Beta blockers (e.g., propranolol, metoprolol, nadolol, timolol, atenolol, pindolol etc.)
- Angiotensin converting enzyme inhibitors/angiotensin II receptor blockers (ex. lisinopril, candesartan, etc.)
- Anti-epileptics (e.g., divalproex, valproate, topiramate, etc.)

# § Migraine Features 53,58,75

#### Migraine without aura

- At least five attacks have the following:
  - Headache attacks lasting 4-72 hours (untreated or unsuccessfully treated)
  - Headache has at least two of the following characteristics:
    - Unilateral location
    - Pulsating quality
    - Moderate or severe pain intensity
    - Aggravation by or causing avoidance of routine physical activity (e.g., walking or climbing stairs); AND
  - During headache at least one of the following:
    - Nausea and/or vomiting
    - Photophobia and phonophobia

#### Migraine with aura

- At least two attacks have the following:
  - One or more of the following fully reversible aura symptoms:
    - Visual
    - Sensory
    - Speech and/or language
    - Motor
    - Brainstem
    - Retinal; AND
  - At least three of the following characteristics:
    - At least one aura symptom spreads gradually over ≥5 minutes
    - Two or more symptoms occur in succession
    - Each individual aura symptom lasts 5 to 60 minutes
    - At least one aura symptom is unilateral
    - At least one aura symptom is positive (e.g., scintillations and pins and needles)
    - The aura is accompanied, or followed within 60 minutes, by headache

#### IV. Renewal Criteria <sup>1</sup>

Coverage can be renewed based upon the following criteria:



- Patient continues to meet the universal and indication specific criteria as identified in section III;
   AND
- Duration of authorization has not been exceeded (refer to Section I); AND
- Absence of unacceptable toxicity from the drug. Examples of unacceptable toxicity include: symptoms of a toxin spread effect and clinically significant effects with pre-existing neuromuscular disorders (i.e., asthenia, generalized muscle weakness, diplopia, ptosis, dysphagia, dysphonia, dysarthria, urinary incontinence, swallowing/breathing difficulties, etc.), severe hypersensitivity reactions (i.e., anaphylaxis, serum sickness, urticaria, soft tissue edema, and dyspnea, etc.), severe pulmonary effects (i.e., reduced pulmonary function), corneal exposure/ulceration, retrobulbar hemorrhage, bronchitis/upper-respiratory tract infections, autonomic dysreflexia, urinary tract infection, and urinary retention, etc.; AND
- Disease response as evidenced by the following:

#### Blepharospasms 1

• Improvement of severity and/or frequency of eyelid spasms

#### Cervical Dystonia 1

- Improvement in the severity and frequency of pain; AND
- Improvement of abnormal head positioning

#### Strabismus 1

Improvement in alignment of prism diopters compared to pre-treatment baseline

#### Focal Upper/Lower Limb Spasticity 1

 Decrease in tone and/or resistance, of affected areas, based on a validated measuring tool (i.e., Ashworth Scale, Physician Global Assessment, Clinical Global Impression (CGI), etc.)

# Hemifacial Spasms 32,33,49-51

 Decrease in frequency and/or severity of spasm, or a decrease in tone and/or improvement in asymmetry to the affected side of the face

## Severe Primary Axillary Hyperhidrosis 1,59

- Significant reduction in spontaneous axillary sweat production; AND
- Patient has a significant improvement in activities of daily living

#### **Prophylaxis for Chronic Migraines** 1,53,56,58

- Significant decrease in the number, frequency, and/or intensity of headaches; AND
- Improvement in function; AND
- Patient continues to utilize prophylactic intervention modalities (i.e., pharmacotherapy, behavioral therapy, physical therapy, etc.)



## Esophageal Achalasia 3-5,68,70

- Improvement and/or relief in symptoms (i.e., dysphagia, pain, etc. ); OR
- Improvement in esophageal emptying as evidenced by functional testing

# Focal Dystonias <sup>23-25,34-41,71</sup>

- Focal upper limb dystonia
  - Improvement in pain and/or function
- Laryngeal dystonia
  - Improvement in voice function or quality
- Oromandibular dystonia
  - o Improvement in pain and function

# Sialorrhea associated with Neurological Disorders 16-19,42,43

• Significant decrease in saliva production

# Incontinence due to Detrusor Overactivity <sup>1</sup>

- Patient does not have a current, untreated urinary tract infection; AND
- Significant improvements in weekly frequency of incontinence episodes; AND
- Patient's post-void residual (PVR) periodically assessed as medically appropriate

#### Overactive Bladder (OAB) 1

- Patient does not have a current, untreated urinary tract infection; AND
- Significant improvement in daily frequency of urinary incontinence or micturition episodes and/or volume voided per micturition; AND
- Patient's post-void residual (PVR) periodically assessed as medically appropriate

#### Severe Palmar Hyperhidrosis 52,74

- Significant reduction in spontaneous palmar sweat production; AND
- Patient has a significant improvement in activities of daily living

#### Chronic Anal Fissure 27-31,47,61-63

- Complete healing of anal fissure; OR
- Symptomatic improvement of persistent fissures

# Spastic Conditions, Other (Plegias, etc.) 22-25,32,33,44,46,49-51,69

 Decrease in tone and/or resistance, of affected areas, based on a validated measuring tool (i.e., Ashworth Scale, Physician Global Assessment, Clinical Global Impression (CGI), etc.)

#### Temporomandibular Disorders (TMD) 76-78



 Patient has significant improvement in symptoms (i.e., pain upon opening the mouth and chewing, headache, joint clicking/noise, etc.)

# $\textbf{V.} \quad \textbf{Dosage/Administration} \ ^{1,17,21,25,27-30,32,36-38,50,52,65,70,72-74,78} \\$

Indication	Dose	
Blepharospasm	1.25 to 2.5 Units (0.05 to 0.1 ml per site) injected into each of 3 sites per affected	
	eye every three months. There appears to be little benefit obtainable from injecting	
	more than 5 Units per site. The effect of treatment lasts an average of 12 weeks.	
	Cumulative dose in 30 days should not exceed 200 units.	
Cervical Dystonia	198 to 300 Units divided among the affected muscles. No more than 50 Units per	
	site. May re-treat in 12 weeks.	
Strabismus	Based on muscle(s) affected, 1.25 to 5 Units in any one muscle initially.	
	Subsequent doses may be increased up to two-fold compared to previously	
	administered dose. No more than 25 Units in any one muscle for recurrent cases.	
	The effect of treatment usually lasts about 12 weeks.	
Esophageal	100 Units (20 to 25 Units per quadrant) per administration, dose may be repeated	
Achalasia	in 6 months (24 weeks).	
Upper Limb	Dosing in initial and sequential treatment sessions should be tailored to the	
Spasticity	individual based on the size, number and location of muscles involved, severity of	
	spasticity, the presence of local muscle weakness, the patient's response to	
	previous treatment, or adverse event history with Botox. For pediatrics, localization	
	of the involved muscles with techniques such as needle electromyographic	
	guidance, nerve stimulation, or ultrasound is recommended.	
	Adults	
	- In clinical trials, doses ranging from 75 to 400 Units were divided among selected	
	muscles at a given treatment session. Re-treat no sooner than every 12 weeks.	
	<u>Pediatrics</u>	
	The recommended dose for treating pediatric upper limb spasticity is 3 Units/kg	
	to 6 Units/kg divided among the affected muscles. The total dose of Botox	
	administered per treatment session in the upper limb should not exceed 6	
	Units/kg or 200 Units, whichever is lower. The maximum cumulative dose should	
	not exceed the lower of 10 Units/kg body weight or 340 Units, in a 3-month	
	interval.	
Lower Limb	Adults	
Spasticity	- 300 to 400 Units divided among 5 muscle groups (gastrocnemius, soleus, tibialis	
	posterior, flexor hallucis longus, and flexor digitorum longus). Re-treat no sooner	
	than every 12 weeks.	
	Pediatrics	
	The recommended dose for treating pediatric lower limb spasticity is 4 Units/kg	
	to 8 Units/kg divided among the affected muscles. The total dose of Botox	
	administered per treatment session in the lower limb should not exceed 8	
	Units/kg or 300 Units, whichever is lower. The maximum cumulative dose should	
	not exceed the lower of 10 Units/kg body weight or 340 Units, in a 3-month interval.	
Chronic Migrains		
Chronic Migraine	155 Units administered intramuscularly (IM) as 0.1 mL (5 Units) injections per each	
	site. Injections should be divided across 7 specific head/neck muscle areas. The	
	recommended re-treatment schedule is every 12 weeks.	

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Indication	Dose		
Severe Primary	50 Units intradermally per axilla every 16 weeks		
Axillary			
Hyperhidrosis			
Sialorrhea	15 to 40 Units in the parotid gland injected in two places and 10 to 15 Units in the submandibular glands (total dose from 50 to 100 Units per patient/administration), repeated in 3 months (12 weeks), if needed.		
Neurogenic	<u>Adults</u>		
Bladder/Detrusor Overactivity	<ul> <li>200 Units per treatment injected into the detrusor muscle using 30 injections (~6.7 Units each).</li> </ul>		
	Pediatrics		
	<ul> <li>Weight ≥ 34 kg: 200 Units per treatment injected into the detrusor muscle using 20 injections.</li> </ul>		
	<ul> <li>Weight &lt; 34 kg: 6 Units/kg per treatment injected into the detrusor muscle using 20 injections.</li> </ul>		
	** Re-inject no sooner than 12 weeks from the prior bladder injection.		
Overactive Bladder	100 Units per treatment injected into the detrusor muscle using 20 injections (5		
(OAB)	units each). Re-inject no sooner than 12 weeks from the prior bladder injection.		
Palmar	50 to 100 Units per hand, repeated every 6 months (24 weeks), as needed.		
Hyperhidrosis			
Hemifacial Spasms	Recommended dose of 12 to 40 Units, divided among affected muscles. May retreat every 12 weeks.		
Oromandibular	80 Units per side (~40 Units injected into both the masseter and submentalis		
Dystonia	complex muscles) every 12 weeks.		
Laryngeal Dystonia	Starting dose of 1.25 to 5 Units into affected muscles. Dose may be titrated up to 25 Units based on response and side effects. Re-treat every 3 months (12 weeks).		
Chronic Anal	Recommended doses of up to 25 Units, injected into the anal sphincter. Re-treat		
Fissures	every 3 months (12 weeks).		
Ventral Hernia	500 Units divided among abdominal muscles, injected 2-4 weeks prior to AWR surgery. <i>May not be renewed</i> .		
Temporomandibular 10-40 Units per injection site (masseter muscle, lateral pterygoid muscle			
disorders (TMD) pterygoid muscle, anterior temporalis muscle) for a total of 100 Units ever			
All other indications	Not to exceed a cumulative dose of 400 Units (for one or more indications) every		
(unless otherwise	12 weeks.		
specified)			

- When initiating treatment, the lowest recommended dose should be used.
- In treating adult patients for one or more indications, the maximum cumulative dose should not exceed
   400 Units, in a 3-month (12-week) interval (unless used for Ventral Hernia).
- In treating pediatric patients, the total should not exceed the lower of 10 Units/kg body weight or 340
   Units, in a 3-month (12-week) interval.
- Unless otherwise stated, re-treatment should occur no sooner than 12 weeks from the prior injection.
- Units of Botox are specific to the preparation and assay method utilized and are not interchangeable with other preparations of botulinum toxin products and cannot be compared to or converted into units of any other botulinum toxin products



# VI. Billing Code/Availability Information

#### **HCPCS Code:**

J0585 – Injection, onabotulinumtoxinA, 1 unit; 1 billable unit = 1 unit

#### NDC:

- Botox 100 unit powder for injection; single-dose vial: 00023-1145-xx
- Botox 200 unit powder for injection; single-dose vial: 00023-3921-xx

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# **Appendix 1 – Covered Diagnosis Codes**

ICD-10	ICD-10 Description		
G11.4	Hereditary spastic paraplegia		
G24.3	Spasmodic torticollis		
G24.4	Idiopathic orofacial dystonia		
G24.5	Blepharospasm		
G24.9	Dystonia, unspecified		
G25.89	Other specified extrapyramidal and movement disorders		
G35	Multiple sclerosis		
G37.0	Diffuse sclerosis of central nervous system		
G43.701	Chronic migraine without aura, not intractable, with status migrainosus		
G43.709	Chronic migraine without aura, not intractable, without status migrainosus		
G43.711	Chronic migraine without aura, intractable, with status migrainosus		
G43.719	Chronic migraine without aura, intractable, without status migrainosus		
G43.E01	Chronic migraine with aura, not intractable, with status migrainosus		
G43.E09	Chronic migraine with aura, not intractable, without status migrainosus		
G43.E11	Chronic migraine with aura, intractable, with status migrainosus		
G43.E19	Chronic migraine with aura, intractable, without status migrainosus		
G51.3	Clonic hemifacial spasm		
G51.31	Clonic hemifacial spasm, right		
G51.32	Clonic hemifacial spasm, left		
G51.33	Clonic hemifacial spasm, bilateral		
G51.39	Clonic hemifacial spasm, unspecified		
G80.0	Spastic quadriplegic cerebral palsy		
G80.1	Spastic diplegic cerebral palsy		
G80.2	Spastic hemiplegic cerebral palsy		
G80.3	Athetoid cerebral palsy		
G80.4	Ataxic cerebral palsy		
G80.8	Other cerebral palsy		
G80.9	Cerebral palsy, unspecified		
G81.10	Spastic hemiplegia affecting unspecified side		
G81.11	Spastic hemiplegia affecting right dominant side		
G81.12	Spastic hemiplegia affecting left dominant side		
G81.13	Spastic hemiplegia affecting right nondominant side		
G81.14	Spastic hemiplegia affecting left nondominant side		
G82.20	Paraplegia, unspecified		
G82.21	Paraplegia, complete		
G82.22	Paraplegia, incomplete		
G82.50	Quadriplegia, unspecified		







ICD-10	ICD-10 Description		
G82.51	Quadriplegia, C1-C4 complete		
G82.52	Quadriplegia, C1-C4 incomplete		
G82.53	Quadriplegia, C5-C7 complete		
G82.54	Quadriplegia, C5-C7 incomplete		
G83.0	Diplegia of upper limbs		
G83.10	Monoplegia of lower limb affecting unspecified side		
G83.11	Monoplegia of lower limb affecting right dominant side		
G83.12	Monoplegia of lower limb affecting left dominant side		
G83.13	Monoplegia of lower limb affecting right nondominant side		
G83.14	Monoplegia of lower limb affecting left nondominant side		
G83.20	Monoplegia of upper limb affecting unspecified side		
G83.21	Monoplegia of upper limb affecting right dominant side		
G83.22	Monoplegia of upper limb affecting left dominant side		
G83.23	Monoplegia of upper limb affecting right nondominant side		
G83.24	Monoplegia of upper limb affecting left nondominant side		
G83.4	Cauda equina syndrome		
H49.00	Third [oculomotor] nerve palsy, unspecified eye		
H49.01	Third [oculomotor] nerve palsy, right eye		
H49.02	Third [oculomotor] nerve palsy, left eye		
H49.03	Third [oculomotor] nerve palsy, bilateral		
H49.10	Fourth [trochlear] nerve palsy, unspecified eye		
H49.11	Fourth [trochlear] nerve palsy, right eye		
H49.12	Fourth [trochlear] nerve palsy, left eye		
H49.13	Fourth [trochlear] nerve palsy, bilateral		
H49.20	Sixth [abducent] nerve palsy, unspecified eye		
H49.21	Sixth [abducent] nerve palsy, right eye		
H49.22	Sixth [abducent] nerve palsy, left eye		
H49.23	Sixth [abducent] nerve palsy, bilateral		
H49.30	Total (external) ophthalmoplegia, unspecified eye		
H49.31	Total (external) ophthalmoplegia, right eye		
H49.32	Total (external) ophthalmoplegia, left eye		
H49.33	Total (external) ophthalmoplegia, bilateral		
H49.40	Progressive external ophthalmoplegia, unspecified eye		
H49.41	Progressive external ophthalmoplegia, right eye		
H49.42	Progressive external ophthalmoplegia, left eye		
H49.43	Progressive external ophthalmoplegia, bilateral		
H49.881	Other paralytic strabismus, right eye		
H49.882	Other paralytic strabismus, left eye		
H49.883	Other paralytic strabismus, bilateral		







ICD-10	ICD-10 Description		
H49.889	Other paralytic strabismus, unspecified eye		
H49.9	Unspecified paralytic strabismus		
H50.00	Unspecified esotropia		
H50.011	Monocular esotropia, right eye		
H50.012	Monocular esotropia, left eye		
H50.021	Monocular esotropia with A pattern, right eye		
H50.022	Monocular esotropia with A pattern, left eye		
H50.031	Monocular esotropia with V pattern, right eye		
H50.032	Monocular esotropia with V pattern, left eye		
H50.041	Monocular esotropia with other noncomitancies, right eye		
H50.042	Monocular esotropia with other noncomitancies, left eye		
H50.05	Alternating esotropia		
H50.06	Alternating esotropia with A pattern		
H50.07	Alternating esotropia with V pattern		
H50.08	Alternating esotropia with other noncomitancies		
H50.10	Unspecified exotropia		
H50.111	Monocular exotropia, right eye		
H50.112	Monocular exotropia, left eye		
H50.121	Monocular exotropia with A pattern, right eye		
H50.122	Monocular exotropia with A pattern, left eye		
H50.131	Monocular exotropia with V pattern, right eye		
H50.132	Monocular exotropia with V pattern, left eye		
H50.141	Monocular exotropia with other noncomitancies, right eye		
H50.142	Monocular exotropia with other noncomitancies, left eye		
H50.15	Alternating exotropia		
H50.16	Alternating exotropia with A pattern		
H50.17	Alternating exotropia with V pattern		
H50.18	Alternating exotropia with other noncomitancies		
H50.21	Vertical strabismus, right eye		
H50.22	Vertical strabismus, left eye		
H50.30	Unspecified intermittent heterotropia		
H50.311	Intermittent monocular esotropia, right eye		
H50.312	Intermittent monocular esotropia, left eye		
H50.32	Intermittent alternating esotropia		
H50.331	Intermittent monocular exotropia, right eye		
H50.332	Intermittent monocular exotropia, left eye		
H50.34	Intermittent alternating exotropia		
H50.40	Unspecified heterotropia		
H50.411	Cyclotropia, right eye		







ICD-10	ICD-10 Description		
H50.412	Cyclotropia, left eye		
H50.42	Monofixation syndrome		
H50.43	Accommodative component in esotropia		
H50.50	Unspecified heterophoria		
H50.51	Esophoria		
H50.52	Exophoria		
H50.53	Vertical heterophoria		
H50.54	Cyclophoria		
H50.55	Alternating hyperphoria		
H50.60	Mechanical strabismus, unspecified		
H50.611	Brown's sheath syndrome, right eye		
H50.612	Brown's sheath syndrome, left eye		
H50.621	Inferior oblique muscle entrapment, right eye		
H50.622	Inferior oblique muscle entrapment, left eye		
H50.629	Inferior oblique muscle entrapment, unspecified eye		
H50.631	Inferior rectus muscle entrapment, right eye		
H50.632	Inferior rectus muscle entrapment, left eye		
H50.639	Inferior rectus muscle entrapment, unspecified eye		
H50.641	Lateral rectus muscle entrapment, right eye		
H50.642	Lateral rectus muscle entrapment, left eye		
H50.649	Lateral rectus muscle entrapment, unspecified eye		
H50.651	Medial rectus muscle entrapment, right eye		
H50.652	Medial rectus muscle entrapment, left eye		
H50.659	Medial rectus muscle entrapment, unspecified eye		
H50.661	Superior oblique muscle entrapment, right eye		
H50.662	Superior oblique muscle entrapment, left eye		
H50.669	Superior oblique muscle entrapment, unspecified eye		
H50.671	Superior rectus muscle entrapment, right eye		
H50.672	Superior rectus muscle entrapment, left eye		
H50.679	Superior rectus muscle entrapment, unspecified eye		
H50.681	Extraocular muscle entrapment, unspecified, right eye		
H50.682	Extraocular muscle entrapment, unspecified, left eye		
H50.689	Extraocular muscle entrapment, unspecified, unspecified eye		
H50.811	Duane's syndrome, right eye		
H50.812	Duane's syndrome, left eye		
H50.89	Other specified strabismus		
H50.9	Unspecified strabismus		
H51.0	Palsy (spasm) of conjugate gaze		
H51.11	Convergence insufficiency		







ICD-10	ICD-10 Description		
H51.12	Convergence excess		
H51.20	Internuclear ophthalmoplegia, unspecified eye		
H51.21	Internuclear ophthalmoplegia, right eye		
H51.22	Internuclear ophthalmoplegia, left eye		
H51.23	Internuclear ophthalmoplegia, bilateral		
H51.8	Other specified disorders of binocular movement		
H51.9	Unspecified disorder of binocular movement		
169.031	Monoplegia of upper limb following nontraumatic subarachnoid hemorrhage affecting right dominant side		
100.001	Monoplegia of upper limb following nontraumatic subarachnoid hemorrhage affecting left dominant		
169.032	side		
100.000	Monoplegia of upper limb following nontraumatic subarachnoid hemorrhage affecting right non-		
169.033	dominant side  Monoplegia of upper limb following nontraumatic subarachnoid hemorrhage affecting left non-		
169.034	dominant side		
	Monoplegia of upper limb following nontraumatic subarachnoid hemorrhage affecting unspecified		
169.039	side		
160 044	Monoplegia of lower limb following nontraumatic subarachnoid hemorrhage affecting right dominant		
169.041	side  Monoplegia of lower limb following nontraumatic subarachnoid hemorrhage affecting left dominant		
Monoplegia of lower limb following nontraumatic subarachnoid nemorrnage affecting left   169.042   side			
	Monoplegia of lower limb following nontraumatic subarachnoid hemorrhage affecting right non-		
169.043	dominant side		
169.044	Monoplegia of lower limb following nontraumatic subarachnoid hemorrhage affecting left non-dominant side		
103.044	Monoplegia of lower limb following nontraumatic subarachnoid hemorrhage affecting unspecified		
169.049	side		
	Hemiplegia and hemiparesis following nontraumatic subarachnoid hemorrhage affecting right		
169.051	dominant side  Hemiplegia and hemiparesis following nontraumatic subarachnoid hemorrhage affecting left		
169.052	dominant side		
100.002	Hemiplegia and hemiparesis following nontraumatic subarachnoid hemorrhage affecting right non-		
169.053	dominant side		
100.054	Hemiplegia and hemiparesis following nontraumatic subarachnoid hemorrhage affecting left non-		
169.054	dominant side  Hemiplegia and hemiparesis following nontraumatic subarachnoid hemorrhage affecting unspecified		
169.059	side		
	Monoplegia of upper limb following nontraumatic intracerebral hemorrhage affecting right dominant		
169.131	side		
169.132	Monoplegia of upper limb following nontraumatic intracerebral hemorrhage affecting left dominant side		
109.132	Monoplegia of upper limb following nontraumatic intracerebral hemorrhage affecting right non-		
169.133   dominant side			
	Monoplegia of upper limb following nontraumatic intracerebral hemorrhage affecting left non-		
169.134	dominant side		
169.139	Monoplegia of upper limb following nontraumatic intracerebral hemorrhage affecting unspecified site		
160 141	Monoplegia of lower limb following nontraumatic intracerebral hemorrhage affecting right dominant side		
169.141	Monoplegia of lower limb following nontraumatic intracerebral hemorrhage affecting left dominant		
169.142	side		







ICD-10	ICD-10 Description		
	Monoplegia of lower limb following nontraumatic intracerebral hemorrhage affecting right non-		
169.143	dominant side		
169.144	Monoplegia of lower limb following nontraumatic intracerebral hemorrhage affecting left non-dominant side		
169.149	Monoplegia of lower limb following nontraumatic intracerebral hemorrhage affecting unspecified site		
169.151	Hemiplegia and hemiparesis following nontraumatic intracerebral hemorrhage affecting right dominant side		
169.152	Hemiplegia and hemiparesis following nontraumatic intracerebral hemorrhage affecting left dominant side		
169.153	Hemiplegia and hemiparesis following nontraumatic intracerebral hemorrhage affecting right non-dominant side		
169.154	Hemiplegia and hemiparesis following nontraumatic intracerebral hemorrhage affecting left non-dominant side		
169.159	Hemiplegia and hemiparesis following nontraumatic intracerebral hemorrhage affecting unspecified side		
169.231	Monoplegia of upper limb following other nontraumatic intracranial hemorrhage affecting right dominant side		
169.232	Monoplegia of upper limb following other nontraumatic intracranial hemorrhage affecting left dominant side		
169.233	Monoplegia of upper limb following other nontraumatic intracranial hemorrhage affecting right non-dominant side		
169.234	Monoplegia of upper limb following other nontraumatic intracranial hemorrhage affecting left non-dominant side		
169.239	Monoplegia of upper limb following other nontraumatic intracranial hemorrhage affecting unspecified site		
169.241	Monoplegia of lower limb following other nontraumatic intracranial hemorrhage affecting right dominant side		
169.242	Monoplegia of lower limb following other nontraumatic intracranial hemorrhage affecting left dominant side		
169.243	Monoplegia of lower limb following other nontraumatic intracranial hemorrhage affecting right non-dominant side		
169.244	Monoplegia of lower limb following other nontraumatic intracranial hemorrhage affecting left non-dominant side		
169.249	Monoplegia of lower limb following other nontraumatic intracranial hemorrhage affecting unspecified site		
169.251	Hemiplegia and hemiparesis following other nontraumatic intracranial hemorrhage affecting right dominant side		
169.252	Hemiplegia and hemiparesis following other nontraumatic intracranial hemorrhage affecting left dominant side		
169.253	Hemiplegia and hemiparesis following other nontraumatic intracranial hemorrhage affecting right non-dominant side		
169.254	Hemiplegia and hemiparesis following other nontraumatic intracranial hemorrhage affecting left non- dominant side		
169.259	Hemiplegia and hemiparesis following other nontraumatic intracranial hemorrhage affecting unspecified side		
169.331	Monoplegia of upper limb following cerebral infarction affecting right dominant side		
169.332	Monoplegia of upper limb following cerebral infarction affecting left dominant side		
169.333	Monoplegia of upper limb following cerebral infarction affecting right non-dominant side		
169.334	Monoplegia of upper limb following cerebral infarction affecting left non-dominant side		
169.339	Monoplegia of upper limb following cerebral infarction affecting unspecified site		
169.341			
103.34 I	Monoplegia of lower limb following cerebral infarction affecting right dominant side		







ICD-10	ICD-10 Description	
169.342	Monoplegia of lower limb following cerebral infarction affecting left dominant side	
169.343	Monoplegia of lower limb following cerebral infarction affecting right non-dominant side	
169.344	Monoplegia of lower limb following cerebral infarction affecting left non-dominant side	
169.349	Monoplegia of lower limb following cerebral infarction affecting unspecified site	
169.351	Hemiplegia and hemiparesis following cerebral infarction affecting right dominant side	
169.352	Hemiplegia and hemiparesis following cerebral infarction affecting left dominant side	
169.353	Hemiplegia and hemiparesis following cerebral infarction affecting right non-dominant side	
169.354	Hemiplegia and hemiparesis following cerebral infarction affecting left non-dominant side	
169.359	Hemiplegia and hemiparesis following cerebral infarction affecting unspecified side	
169.831	Monoplegia of upper limb following other cerebrovascular disease affecting right dominant side	
169.832	Monoplegia of upper limb following other cerebrovascular disease affecting left dominant side	
169.833	Monoplegia of upper limb following other cerebrovascular disease affecting right non-dominant side	
169.834	Monoplegia of upper limb following other cerebrovascular disease affecting left non-dominant side	
169.839	Monoplegia of upper limb following other cerebrovascular disease affecting unspecified site	
169.841	Monoplegia of lower limb following other cerebrovascular disease affecting right dominant side	
169.842	Monoplegia of lower limb following other cerebrovascular disease affecting left dominant side	
169.843	Monoplegia of lower limb following other cerebrovascular disease affecting right non-dominant side	
169.844	Monoplegia of lower limb following other cerebrovascular disease affecting left non-dominant side	
169.849	Monoplegia of lower limb following other cerebrovascular disease affecting unspecified site	
169.851	Hemiplegia and hemiparesis following other cerebrovascular disease affecting right dominant side	
169.852	Hemiplegia and hemiparesis following other cerebrovascular disease affecting left dominant side	
169.853	Hemiplegia and hemiparesis following other cerebrovascular disease affecting right non-dominant side	
169.854	Hemiplegia and hemiparesis following other cerebrovascular disease affecting left non-dominant side	
169.859	Hemiplegia and hemiparesis following other cerebrovascular disease affecting unspecified side	
169.931	Monoplegia of upper limb following unspecified cerebrovascular disease affecting right dominant side	
169.932	Monoplegia of upper limb following unspecified cerebrovascular disease affecting left dominant side	
169.933	Monoplegia of upper limb following unspecified cerebrovascular disease affecting right non-dominant side	
169.934	Monoplegia of upper limb following unspecified cerebrovascular disease affecting left non-dominant side	
169.939	Monoplegia of upper limb following unspecified cerebrovascular disease affecting unspecified side	
169.941	Monoplegia of lower limb following unspecified cerebrovascular disease affecting right dominant side	
169.942	Monoplegia of lower limb following unspecified cerebrovascular disease affecting left dominant side	
169.943	Monoplegia of lower limb following unspecified cerebrovascular disease affecting right non-dominant side	
169.943	Monoplegia of lower limb following unspecified cerebrovascular disease affecting left non-dominant side	
169.949	Monoplegia of lower limb following unspecified cerebrovascular disease affecting unspecified side	
169.951	Hemiplegia and hemiparesis following unspecified cerebrovascular disease affecting right dominant side	







ICD-10	ICD-10 Description		
	Hemiplegia and hemiparesis following unspecified cerebrovascular disease affecting left dominant		
169.952	side		
100.050	Hemiplegia and hemiparesis following unspecified cerebrovascular disease affecting right non-		
169.953	dominant side  Hemiplegia and hemiparesis following unspecified cerebrovascular disease affecting left non-		
169.954	dominant side		
169.959	Hemiplegia and hemiparesis following unspecified cerebrovascular disease affecting unspecified side		
J38.3	Other diseases of vocal cords		
K43.6	Other and unspecified ventral hernia with obstruction, without gangrene		
K43.7	Other and unspecified ventral hernia with gangrene		
K43.9	Ventral hernia without obstruction or gangrene		
K11.7	Disturbances of salivary secretions		
K22.0	Achalasia of cardia		
K60.1	Chronic anal fissure		
L74.510	Primary focal hyperhidrosis, axilla		
L74.512	Primary focal hyperhidrosis, palms		
M43.6	Torticollis		
M26.601	Right temporomandibular joint disorder, unspecified		
M26.602	Left temporomandibular joint disorder, unspecified		
M26.603	Bilateral temporomandibular joint disorder, unspecified		
M26.609	Unspecified temporomandibular joint disorder, unspecified side		
N31.0	Uninhibited neuropathic bladder, not elsewhere classified		
N31.1	Reflex neuropathic bladder, not elsewhere classified		
N31.8	Other neuromuscular dysfunction of bladder		
N31.9	Neuromuscular dysfunction of bladder, unspecified		
N32.81	Overactive bladder		

#### **Dual coding requirements:**

Primary G and M codes require a secondary G or I code in order to be payable

# **Appendix 2 – Centers for Medicare and Medicaid Services (CMS)**

The preceding information is intended for non-Medicare coverage determinations. Medicare coverage for outpatient (Part B) drugs is outlined in the Medicare Benefit Policy Manual (Pub. 100-2), Chapter 15, §50 Drugs and Biologicals. In addition, National Coverage Determinations (NCDs) and/or Local Coverage Determinations (LCDs) may exist and compliance with these policies is required where applicable. Local Coverage Articles (LCAs) may also exist for claims payment purposes or to clarify benefit eligibility under Part B for drugs which may be self-administered. The following link may be used to search for NCD, LCD, or LCA documents: <a href="https://www.cms.gov/medicare-coverage-database/search.aspx">https://www.cms.gov/medicare-coverage-database/search.aspx</a>. Additional indications, including any preceding information, may be applied at the discretion of the health plan.



Medicare Part B Covered Diagnosis Codes		
Jurisdiction	NCD/LCA/LCD Document (s)	Contractor
6 & K	A52848	National Government Services, Inc. (NGS)
F	A57186	Noridian Healthcare Solutions, LLC
E	A57185	Noridian Healthcare Solutions, LLC
5 & 8	A57474	Wisconsin Physicians Service Insurance Corp (WPS)
15	A56472	CGS Administrators, LLC
J & M	A56646	Palmetto GBA
J & M	A56389	Palmetto GBA
9; N	A57715	First Coast Service Options, Inc.
H & L	A58423	Novitas Solutions, Inc.

Medicare Part B Administrative Contractor (MAC) Jurisdictions		
Jurisdiction	Applicable State/US Territory	Contractor
E (1)	CA, HI, NV, AS, GU, CNMI	Noridian Healthcare Solutions, LLC
F (2 & 3)	AK, WA, OR, ID, ND, SD, MT, WY, UT, AZ	Noridian Healthcare Solutions, LLC
5	KS, NE, IA, MO	Wisconsin Physicians Service Insurance Corp (WPS)
6	MN, WI, IL	National Government Services, Inc. (NGS)
H (4 & 7)	LA, AR, MS, TX, OK, CO, NM	Novitas Solutions, Inc.
8	MI, IN	Wisconsin Physicians Service Insurance Corp (WPS)
N (9)	FL, PR, VI	First Coast Service Options, Inc.
J (10)	TN, GA, AL	Palmetto GBA
M (11)	NC, SC, WV, VA (excluding below)	Palmetto GBA
L (12)	DE, MD, PA, NJ, DC (includes Arlington & Fairfax counties and the city of Alexandria in VA)	Novitas Solutions, Inc.
K (13 & 14)	NY, CT, MA, RI, VT, ME, NH	National Government Services, Inc. (NGS)
15	KY, OH	CGS Administrators, LLC

