



## **Immune Globulins (immunoglobulin):**

Asceniv; Bivigam; Flebogamma; Gamunex-C; Gammagard Liquid; Gammagard S/D; Gammaked; Gammaplex; Octagam; Privigen; Panzyga

(Intravenous)

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## I. Length of Authorization

- Initial and renewal authorization periods vary by specific covered indication.
- Unless otherwise specified, the initial authorization will be provided for 6 months and may be renewed annually.

## **II.** Dosing Limits

#### A. Quantity Limit (max daily dose) [NDC unit]:

		# of	vials
Drug	Vial size in IgG grams	One time only	per 28 days
		LOAD	MAINTENANCE
Asceniv	5	18	18
<b></b> .	5	1	1
Bivigam	10	23	23
Flebogamma 10% DIF	5, 10, 20	1	1
	20	11	11
Flebogamma 5% DIF	0.5, 2.5, 5, 10	1	1
	20	11	11
	1, 2.5, 5, 10, 20	1	1
Gamunex-C	40	6	6
,,,,,,	1, 2.5, 5, 10, 20	1	1
Gammagard Liquid	30	8	8
	5	1	1
Gammagard S/D	10	23	23



~	1, 2.5, 5, 10	1	1
Gammaked	20	11	11
~ .	5, 10	1	1
Gammaplex	20	11	11
	2, 5, 10, 20	1	1
Octagam 10%	30	8	8
2	1, 2.5, 5, 10	1	1
Octagam 5%	25	9	9
D	5, 10, 20	1	1
Privigen	40	6	6
Panzyga	1, 2.5, 5, 10, 20	1	1
-,5	30	8	8

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

Indication	Billable Units	Per # days (unless otherwise specified)
PID and Supportive Care after Rethymic transplant	184	21
IgG Subclass Deficiency	92	14
CIDP	Load: 460	4
CIDI	Maintenance: 230	21
Immune thrombocytopenia/ITP	460	28
FAIT	200	7
Kawasaki's Disease (Pediatric Patients only)	232	1 dose only
Multifocal Motor Neuropathy	460	28
CLL/MM	92	21
ALL	92	21
HIV (Pediatric Patients only)	47	28
Guillain-Barre	460	5 (for one cycle only)
Myasthenia Gravis	460	28
Auto-immune blistering diseases	460	28
Bone Marrow or Stem Cell Transplant	115	7
Dermatomyositis/Polymyositis	460	28
Complications of transplanted solid organ	460	28
(kidney, liver, lung, heart and pancreas transplants)	400	20
Stiff Person	460	28
Toxic shock syndrome	460	5 (for one cycle only)
NAIT	16	2 doses only
Management of Immune Checkpoint Inhibitor	460	5 (for one cycle only)
Related Toxicity		
Management of CAR T-Cell-Related Toxicity	115	28



## III. Initial Approval Criteria 1-14,69

Coverage is provided for the following conditions:

- For Asceniv, member must have tried and failed at least one other commercially available
   IVIG product, or a contraindication exists; AND
- Baseline values for BUN and serum creatinine obtained within 30 days of request; AND

## Primary immunodeficiency (PID)/Wiskott - Aldrich syndrome † 1-14,36,52,54,55,68

Such as: x-linked agammaglobulinemia, common variable immunodeficiency, transient hypogammaglobulinemia of infancy, IgG subclass deficiency with or without IgA deficiency, antibody deficiency with near normal immunoglobulin levels, and combined deficiencies (severe combined immunodeficiencies, ataxia-telangiectasia, x-linked lymphoproliferative syndrome) [list not all inclusive]

- Patient's IgG level is < 200 mg/dL **OR** both of the following
  - Patient has a history of multiple hard to treat infections as indicated by at least <u>one</u> of the following:
    - Four or more ear infections within 1 year
    - Two or more serious sinus infections within 1 year
    - Two or more months of antibiotics with little effect
    - Two or more pneumonias within 1 year
    - Recurrent or deep skin abscesses
    - Need for intravenous antibiotics to clear infections
    - Two or more deep-seated infections including septicemia; AND
  - o The patient has a deficiency in producing antibodies in response to vaccination; AND
    - Titers were drawn before challenging with vaccination; AND
    - Titers were drawn between 4 and 8 weeks of vaccination

#### IgG Subclass Deficiency ‡ 68,96-98

- Patient's IgG level is < 400 mg/dL; **AND**
- Patient has a history of recurrent infections; AND
- Patient is receiving prophylactic antibiotic therapy

Immune thrombocytopenia/Idiopathic thrombocytopenia purpura (ITP) † (Φ for Gammaplex) 1-14,30,35,37,79

For acute disease state:

- To manage acute bleeding due to severe thrombocytopenia (platelet count < 30 X 10<sup>9</sup>/L); OR
- To increase platelet counts prior to invasive surgical procedures such as splenectomy (platelet count < 100 X 109/L); **OR**
- Patient has severe thrombocytopenia (platelet count < 20 X 10<sup>9</sup>/L)

Note: Authorization is valid for 1 month only and cannot be renewed



#### Chronic Immune Thrombocytopenia (CIT):

- The patient is at increased risk for bleeding as indicated by a platelet count < 30 X 109/L; AND
- History of failure, contraindication, or intolerance to corticosteroids; AND
- Duration of illness > 6 months

## Chronic Inflammatory Demyelinating Polyneuropathy (CIDP) † (Φ for Gamunex-C) 6-9,12,13,16-20,22-24,40,42,70

- Patient's disease course is progressive or relapsing and remitting for >2 months; AND
- Patient has abnormal or absent deep tendon reflexes in upper or lower limbs; AND
- Electrodiagnostic testing indicating demyelination:
  - Partial motor conduction block in at least 2 motor nerves or in 1 nerve plus one other demyelination criterion listed here in at least 1 other nerve; OR
  - Distal CMAP duration increase in at least 1 nerve plus one other demyelination criterion listed here in at least 1 other nerve; **OR**
  - o Abnormal temporal dispersion conduction must be present in at least 2 motor nerves; **OR**
  - o Reduced motor conduction velocity in at least 2 motor nerves; **OR**
  - o Prolonged distal motor latency in at least 2 motor nerves; **OR**
  - Absent F wave in at least 2 motor nerves plus one other demyelination criterion listed here in at least 1 other nerve; OR
  - o Prolonged F wave latency in at least 2 motor nerves; AND
- Patient is refractory or intolerant to corticosteroids (e.g., prednisolone, prednisone, etc.) given
  in therapeutic doses over at least three months; AND
- Baseline in strength/weakness has been documented using an objective clinical measuring tool (e.g., INCAT, Medical Research Council (MRC) muscle strength, 6-MWT, Rankin, Modified Rankin, etc.)

Note: Initial authorization is valid for 3 months

## Guillain-Barre Syndrome (Acute inflammatory polyneuropathy) † ‡ 2,3,17,19,20,22,28,29,56,68,75

- Patient has severe disease (i.e., patient requires assistance to ambulate);
- Onset of symptoms are recent (i.e., less than 1 month); **AND**
- Patient has abnormal or absent deep tendon reflexes in upper or lower limbs; AND
- Patient diagnosis is confirmed using a cerebrospinal fluid (CSF) analysis; AND
- Approval will be granted for a maximum of 2 rounds of therapy within 6 weeks of onset

Note: Authorization is valid for 2 months only and cannot be renewed

## Multifocal Motor Neuropathy † (Φ for Gammagard Liquid) 4-6,17,19,20,22,23

- Patient has progressive, focal, asymmetric limb weakness (without sensory symptoms) for >1
  month; AND
- Patient has complete or partial conduction block or abnormal temporal dispersion conduction in at least 2 motor nerves; **AND**



- Patient has normal sensory nerve conduction on all nerves tested; AND
- Baseline in strength/weakness has been documented using an objective clinical measuring tool (e.g., INCAT, Medical Research Council (MRC) muscle strength, 6-MWT, Rankin, Modified Rankin, etc.)

Note: Initial authorization is valid for 3 months

## HIV infected children: Bacterial control or prevention † \$\pm2,3,25,26.35,87\$

- Patient age does not exceed 13 years of age; AND
- Patient's IgG level is < 400 mg/dL

#### Myasthenia Gravis ‡ 51,76,83

- Patient has a positive serologic test for anti-acetylcholine receptor (AchR) antibodies; AND
- Patient has an acute exacerbation resulting in impending myasthenic crisis (i.e., respiratory compromise, acute respiratory failure, and/or bulbar compromise); **AND**
- Patient is failing on conventional immunosuppressant therapy alone (e.g., corticosteroids, azathioprine, cyclosporine, mycophenolate, methotrexate, tacrolimus, cyclophosphamide, etc.); AND
- Patient will be on combination therapy with corticosteroids or other immunosuppressant (e.g., azathioprine, mycophenolate, cyclosporine, methotrexate, tacrolimus, cyclophosphamide, etc.)

Note: Authorization is valid for 1 course (1 month) only and cannot be renewed

## Dermatomyositis † / Polymyositis ‡ 10,11,17,19,20,22,63,64,68,80,85

- Patient has severe active disease; AND
- Patient has proximal weakness in all upper and/or lower limbs; AND
- Diagnosis has been confirmed by muscle biopsy; AND
- Patient has failed a trial of corticosteroids (i.e., prednisone); AND
- Patient has failed a trial of an immunosuppressant (e.g., methotrexate, azathioprine, etc.);
   AND
- Must be used as part of combination therapy with other agents; AND
- Patient has a documented baseline physical exam and muscular strength/function

Note: Initial authorization is valid for 3 months

# Complications of transplanted solid organ (kidney, liver, lung, heart, pancreas) and bone marrow transplant ‡ 57-60,68

Coverage is provided for one or more of the following (list not all-inclusive):

- Suppression of panel reactive anti-human leukocyte antigen (HLA) antibodies prior to transplantation
- Treatment of antibody-mediated rejection of solid organ transplantation



 Prevention or treatment of viral infections (e.g., cytomegalovirus, Parvo B-19 virus, and Polyoma BK virus)

## Stiff-Person Syndrome ‡ 19,22,62

- Patient has anti-glutamic acid decarboxylase (GAD) antibodies; AND
- Patient has failed at least 2 of the following treatments: benzodiazepines, baclofen, gabapentin, valproate, tiagabine, or levetiracetam; AND
- Patient has a documented baseline on physical exam

## Allogeneic Bone Marrow or Stem Cell Transplant † ‡ 2,3,74

- Used for prevention of acute Graft-Versus-Host-Disease (aGVHD) or infection; AND
- Patient's bone marrow (BMT) or hematopoietic stem cell (HSCT) transplant was allogeneic;
   AND
- Patient's IgG level is less than 400 mg/dL

Note: Initial authorization is valid for 3 months

#### Kawasaki's Disease † 2,3,81

Note: Authorization is valid for 1 course (1 month) only and cannot be renewed

## Fetal Alloimmune Thrombocytopenia (FAIT) ‡ 30,35,45,82,88

- Patient has a history of one or more of the following:
  - o Previous FAIT pregnancy
  - Family history of the disease
  - Screening reveals platelet alloantibodies

Note: Authorization is valid through the delivery date only and cannot be renewed

## Neonatal Alloimmune Thrombocytopenia (NAIT) ‡ 33-35,82

Note: Authorization is valid for 1 course (1 month) only and cannot be renewed

## Auto-immune Mucocutaneous Blistering Diseases ‡ 32,38,39,65-67,89

- Patient has been diagnosed with one of the following:
  - o Pemphigus vulgaris
  - o Pemphigus foliaceus
  - Bullous Pemphigoid
  - o Mucous Membrane Pemphigoid (a.k.a. Cicatricial Pemphigoid)
  - Epidermolysis bullosa aquisita
  - o Pemphigus gestationis (Herpes gestationis)
  - o Linear IgA dermatosis; AND
- Patient has severe disease that is extensive and debilitating; AND
- Diagnosis has been confirmed by biopsy; AND



- Patient's disease is progressive; AND
- Disease is refractory to a trial of conventional therapy with corticosteroids and concurrent immunosuppressive treatment (e.g., azathioprine, cyclophosphamide, mycophenolate mofetil, etc.); AND
- Patient has a documented baseline on physical exam

## Acquired Immune Deficiency secondary to Acute Lymphoblastic Leukemia (ALL) ‡ 35,77,90

- Used for prevention of infection; AND
- Patient's IgG level is less than 400 mg/dL

## Acquired Immune Deficiency secondary to Chronic Lymphocytic Leukemia † or Multiple Myeloma † ± 2,3,35,68,86

- Patient's IgG level is <200 mg/dL **OR** both of the following
  - Patient has a history of multiple hard to treat infections as indicated by at least <u>one</u> of the following:
    - Four or more ear infections within 1 year
    - Two or more serious sinus infections within 1 year
    - Two or more months of antibiotics with little effect
    - Two or more pneumonias within 1 year
    - Recurrent or deep skin abscesses
    - Need for intravenous antibiotics to clear infections
    - Two or more deep-seated infections including septicemia; AND
  - o The patient has a deficiency in producing antibodies in response to vaccination; AND
    - Titers were drawn before challenging with vaccination; AND
    - Titers were drawn between 4 and 8 weeks of vaccination

<u>Note</u>: other secondary immunodeficiencies resulting in hypogammaglobulinemia and/or B-cell aplasia will be evaluated on a case-by-case basis

### Toxic Shock Syndrome ‡ 44,91,92

Note: Authorization is valid for 1 course (1 month) only and cannot be renewed

### Management of Immune-Checkpoint-Inhibitor Related Toxicity ‡ 71,78

- Patient has been receiving therapy with an immune checkpoint inhibitor (e.g. nivolumab, pembrolizumab, atezolizumab, avelumab, durvalumab, dostarlimab, etc.); **AND**
- Patient has one of the following toxicities related to their immunotherapy:
  - Severe (G3) or life-threatening (G4) bullous dermatitis as an adjunct to rituximab
  - Stevens-Johnson syndrome (SJS)
  - Toxic epidermal necrolysis (TEN)
  - Severe (G3-4) myasthenia gravis



- Transverse myelitis
- Myocarditis as further intervention if no improvement within 24-48 hours of starting pulse-dose methylprednisolone
- Moderate (G2) or severe (G3-4) Guillain-Barre Syndrome or severe (G3-4) peripheral neuropathy used in combination with pulse-dose methylprednisolone
- Moderate (G2) pneumonitis if no improvement after 48-72 hours of corticosteroids
- Severe (G3-4) pneumonitis if no improvement after 48 hours of methylprednisolone
- Encephalitis used in combination with pulse-dose methylprednisolone for severe or progressing symptoms or if oligoclonal bands are present
- Moderate, severe, or life-threatening steroid-refractory myalgias or myositis

## Management of CAR T-Cell-Related Toxicity \$\pm\$ 71,78,84,93,94

- Patient has been receiving treatment with anti-CD19 chimeric antigen receptor (CAR) T-cell therapy (e.g., axicabtagene ciloleucel, brexucabtagene autoleucel, idecabtagene vicleucel, lisocabtagene maraleucel, tisagenlecleucel, etc.); **AND** 
  - Used for the management of G4 cytokine release syndrome that is refractory to high-dose corticosteroids and anti-IL-6 therapy (e.g., tocilizumab); **OR**
  - Patient has hypogammaglobulinemia as confirmed by serum IgG levels <600 mg/dL AND serious or recurrent infections; OR
- Used as prophylactic therapy prior to receiving treatment with anti-CD19 chimeric antigen receptor (CAR) T-cell therapy (e.g., axicabtagene ciloleucel, brexucabtagene autoleucel, idecabtagene vicleucel, lisocabtagene maraleucel, tisagenlecleucel, etc.); **AND** 
  - o Patient has hypogammaglobulinemia as confirmed by serum IgG levels ≤400 mg/dL AND serious, persistent, or recurrent bacterial infections

#### Supportive Care after Rethymic transplant ‡ 95

- Used as immunoglobulin replacement therapy in pediatric patients with congenital athymia after surgical implantation of Rethymic; **OR**
- Used as re-initiation of treatment 2 months after stopping immunoglobulin replacement therapy in pediatric patients who have an IgG trough level lower than normal range for age

† FDA Approved Indication(s), ‡ Compendia/Literature Supported Indication(s); • Orphan Drug

*For Reference Use Only					
Brand Name/ Formulation	FDA Indication	Contraindications	Product Specs	Comments	
Asceniv	PID (≥12yo)	History of anaphylaxis to IgG IgA-deficient with IgA antibodies	IgA: ≤200 mcg/mL     Osmolality: N/A     Stabilizer: Glycine	Other stabilizer used is Polysorbate 80	
Bivigam* (liquid)	PID (peds ≥6)	History of anaphylaxis to IgG	IgA: ≤200 mcg/mL     Osmolality: 510 mOsm/kg     Stabilizer: glycine		



		IgA-deficient with IgA antibodies		
Flebogamma 5% (liquid)	PID (peds ≥2)	History of anaphylaxis to IgG IgA-deficient with IgA antibodies	IgA: <50 mcg/mL Osmolarity: 240 to 370 mOsm/kg Stabilizer: sorbitol	
Flebogamma 10% (liquid)	PID (peds $\geq$ 2) ITP (peds $\geq$ 2)	History of anaphylaxis to IgG IgA-deficient with IgA antibodies	IgA: <32 mcg/mL Osmolarity: 240 to 370 mOsm/L Stabilizer: sorbitol	
Gammagard (liquid)	PID (peds ≥2) MMN (adults)	History of anaphylaxis to IgG IgA-deficient with IgA antibodies	IgA: 37 mcg/mL Osmolality: 240 to 300 mOsm/kg Stabilizer: glycine	May be used SC (see policy for criteria
Gammagard S/D <b>*</b> (lyophilized)	PID ITP CLL Kawasaki (adults/peds for all indx)	History of anaphylaxis to IgG IgA-deficient with IgA antibodies	IgA: <1 mcg/mL (5% solution) Osmolality: 636 mOsm/L (5% soln) Stabilizer: glycine	Contains some sugar (20mg/mL when prepared)
Gammaked (liquid)	PID (peds ≥2) ITP	History of anaphylaxis to IgG IgA-deficient with IgA antibodies	IgA: 46 mcg/mL Osmolality: 258 mOsm/kg Stabilizer: glycine	May be used SC (see policy for criteria
Gammaplex 5% (liquid)	PID (peds ≥2) cITP (adults)	History of anaphylaxis to IgG IgA-deficient with IgA antibodies Fructose intolerance	IgA: <10 mcg/mL Osmolality: 420 to 500 mOsm/kg Stabilizer: glycine	Other stabilizer used is Polysorbate 80
Gammaplex 10% (liquid)	PID (adults) cITP (adults)	History of anaphylaxis to IgG IgA-deficient with IgA antibodies	IgA: <20 mcg/mL Osmolality: 280 mOsm/kg Stabilizer: glycine	Other stabilizer used is Polysorbate 80
Gamunex-C (liquid)	PID (peds ≥2) ITP (peds/adults) CIDP (adults)	History of anaphylaxis to IgG IgA-deficient with IgA antibodies	IgA: 46 mcg/mL Osmolality: 258 mOsm/kg Stabilizer: glycine	May be used SC (see policy for criteria
Octagam 5% (liquid)	PID (peds≥6)	History of anaphylaxis to IgG IgA-deficient with IgA antibodies Corn allergy	IgA: ≤200 mcg/mL Osmolality: 310 to 380 mOsm/kg Stabilizer: maltose	
Octagam 10% (liquid)	ITP (adults)	History of anaphylaxis to IgG IgA-deficient with IgA antibodies	IgA: 106 mcg/mL Osmolality: 310 to 390 mOsm/kg Stabilizer: maltose	
Privigen (liquid)	PID cITP (ped ≥15) CIDP (adults)	History of anaphylaxis to IgG IgA-deficient with IgA antibodies Hyperprolinemia	IgA: ≤25 mcg/mL Osmolality: 320 mOsm/kg Stabilizer: L-proline	
Panzyga	PID (peds ≥2) cITP (adults)	History of anaphylaxis to IgG IgA-deficient with IgA antibodies	IgA: ≤100 mcg/mL Osmolality: 240-310 mOsm/kg Stabilizer: Glycine	

- All intravenous immunoglobulins are derived from human plasma.
- Products with higher IgA content pose a greater risk for anaphylactic reactions, especially in patients with IgA deficiencies.
- All products may predispose patients to nephrotoxicity especially those with sugar-based or proline-based stabilizers. To lower risks, lower concentration products and infusions rates should be used as well as



- using products with osmolality/osmolarity that is near physiologic range (around 300 mOsm/kg or mOsm/L).
- Premedications (e.g., acetaminophen, antihistamine, etc.) are recommended to reduce the risk of infusion related reactions.

Adapted from: Professional Resource, Comparison of IVIG Products. Pharmacist's Letter/Prescriber's Letter. December 2016. Discontinued by the manufacturer

## IV. Renewal Criteria 1-14,69

Coverage can be renewed based upon the following criteria:

Note: unless otherwise specified, renewal authorizations are provided for 1 year

- Patient continues to meet indication-specific relevant criteria identified in section III; AND
- Absence of unacceptable toxicity from the drug. Examples of unacceptable toxicity include: renal dysfunction and acute renal failure, thrombosis, hemolysis, severe hypersensitivity reactions, pulmonary adverse reactions/transfusion-related acute lung injury (TRALI), hyperproteinemia, increased serum viscosity, hyponatremia, aseptic meningitis syndrome, hypertension, volume overload, etc.; AND
- BUN and serum creatinine have been obtained within the last 6 months and the concentration and rate of infusion have been adjusted accordingly; **AND**
- Patient meets the disease-specific criteria identified below:

#### Primary Immunodeficiency (PID) 1-14,36,52,54,55,68

- Disease response as evidenced by one or more of the following:
  - o Decrease in the frequency of infection
  - Decrease in the severity of infection

## IgG Subclass Deficiency 68-96-68

- Disease response as evidenced by one or more of the following:
  - Decrease in the frequency of infection
  - o Decrease in the severity of infection; **AND**
- Patient is at a decreased risk of infection as a result of treatment necessitating continued therapy

## Chronic Immune Thrombocytopenia/ITP 1-14,30,35,37,79

• Disease response as indicated by the achievement and maintenance of a platelet count of  $\geq 30$  X  $10^9$ /L and at least doubling the baseline platelet count

#### Chronic Inflammatory Demyelinating Polyneuropathy 1-14,16-20,22-24,40,42,70

• Renewals will be authorized for patients that have demonstrated a clinical response to therapy based on an objective clinical measuring tool (e.g., INCAT, Medical Research Council (MRC) muscle strength, 6-MWT, Rankin, Modified Rankin, etc.)



## Guillain-Barre Syndrome (Acute inflammatory polyneuropathy) 56

May not be renewed.

#### Multifocal Motor Neuropathy 1-14,17,19,20,22,23

• Renewals will be authorized for patients that have demonstrated a clinical response to therapy based on an objective clinical measuring tool (e.g., INCAT, Medical Research Council (MRC) muscle strength, 6-MWT, Rankin, Modified Rankin, etc.)

## HIV infected children: Bacterial control or prevention <sup>25,26,35,87</sup>

- Disease response as evidenced by one or more of the following:
  - o Decrease in the frequency of infection
  - Decrease in the severity of infection; AND
- Patient continues to be at an increased risk of infection necessitating continued therapy as evidenced by an IgG level < 400 mg/dL</li>

#### Myasthenia Gravis 51,76,83

May not be renewed.

#### Dermatomyositis/Polymyositis 17,19,20,22,63,64,68,80

 Patient had an improvement from baseline on physical exam and/or muscular strength and function

Note: Renewal authorizations are provided for 6 months

# Complications of transplanted solid organ (kidney, liver, lung, heart, pancreas) and bone marrow transplant $^{57-60,68}$

- Disease response as evidenced by one or more of the following:
  - Decrease in the frequency of infection
  - o Decrease in the severity of infection; **AND**
- Patient is at a decreased risk of infection as a result of treatment necessitating continued therapy

#### Stiff Person Syndrome 19,22,62

Documented improvement from baseline on physical exam

#### Allogeneic Bone Marrow or Stem Cell Transplant 74

Patient's IgG trough is less than 400 mg/dL

Note: Renewal authorizations are provided for 3 months

#### Kawasaki's Disease 5,81

May not be renewed.



## Fetal Alloimmune Thrombocytopenia (FAIT) 31,36,46,83,88

Authorization is valid through the delivery date only and cannot be renewed

### Neonatal Alloimmune Thrombocytopenia 33-35,82

May not be renewed.

### Auto-Immune Mucocutaneous Blistering Diseases 32,38,39,65-67,89

Documented improvement from baseline on physical exam

Note: Renewal authorizations are provided for 6 months

# Acquired Immune Deficiency secondary to Acute Lymphoblastic Leukemia (ALL), Chronic Lymphocytic Leukemia (CLL), or Multiple Myeloma 35,68,77,90

- Disease response as evidenced by one or more of the following:
  - o Decrease in the frequency of infection
  - o Decrease in the severity of infection; AND
- Patient is at a decreased risk of infection as a result of treatment necessitating continued therapy

#### Toxic Shock Syndrome 44,91,92

May not be renewed.

## Management of Immune Checkpoint Inhibitor related Toxicity 71,78

May not be renewed.

#### Management of CAR T-Cell-Related Toxicity 71,78,84

- Patient is still receiving treatment with anti-CD19 CAR T-cell therapy (e.g., axicabtagene ciloleucel, brexucabtagene autoleucel, lisocabtagene maraleucel, tisagenlecleucel, etc.); AND
- Patient has serum IgG levels <600 mg/dl</li>

#### Supportive Care after Rethymic transplant ‡ 95

- Renewals for use as initial immunoglobulin replacement therapy will be authorized until all of the following criteria are met:
  - o Patient is no longer on immunosuppression (at least 10% of CD3+ T cells are naïve in phenotype); **AND**
  - o Patient is at least 9 months post-treatment; **AND**
  - o Patient's phytohemagglutinin (PHA) response within normal limits; OR
- Renewals for use as re-initiation of treatment after stopping immunoglobulin replacement therapy for patients with an IgG trough level lower than normal range will be continued for 1 year before being retested using the above guidelines



#### **Dosing Recommendations:**

- Patient's dose should be reduced to the lowest necessary to maintain benefit for their condition. Patients who are stable, or who have reached the maximum therapeutic response, should have a trial of dose reduction (e.g., 25-50% reduction in dose every 3 months).
- Patients who have tolerated dose reduction and continue to show sustained improvement (i.e. remission) should have a trial of treatment discontinuation; with the following exceptions:
  - o PID would be excluded from a trial of discontinuation
  - o HIV-infected children should show satisfactory control of the underlying disease [e.g., undetectable viral load, CD4 counts elevated above 200 or >15% (ages 9 months − 5 years) on antiretroviral therapy, etc.]
  - Solid organ transplant, CLL, and MM patients should not be at an increased risk of infection

## V. Dosage/Administration <sup>1-14,22,23,30,39,51,56,61,62,74,76-78,81,82,87-92,97</sup>

Dosing should be calculated using adjusted body weight if one or more of the following criteria are met:

- Patient's body mass index (BMI) is 30 kg/m<sup>2</sup> or more; OR
- Patient's actual body weight is 20% higher than his or her ideal body weight (IBW)

Use the following dosing formulas to calculate the adjusted body weight (round dose to nearest 5 gram increment in adult patients):

Dosing formulas		
$BMI = 703 \text{ x (weight in pounds/height in inches}^2)$		
IBW (kg) for males = 50 + [2.3 (height in inches – 60)]		
IBW (kg) for females = $45.5 + [2.3 \text{ x (height in inches} - 60)]$		
Adjusted body weight = $IBW + 0.5$ (actual body weight – $IBW$ )		

This information is not meant to replace clinical decision making when initiating or modifying medication therapy and should only be used as a guide. Patient-specific variables should be taken into account.

Indication	Dose
PID and Supportive Care after Rethymic transplant	200 to 800 mg/kg every 21 to 28 days
IgG Subclass Deficiency	300 to 400 mg/kg every 14 days
CIDP	2 g/kg divided over 2-5 days initially, then 1 g/kg administered in 1-2 infusions every 21 days
ITP	2 g/kg divided over 5 days or 1 g/kg once daily for 2 consecutive days in a 28-day cycle



Indication	Dose
FAIT	1 g/kg/week until delivery
Kawasaki's Disease (Pediatric Patients)	1 g/kg to 2 g/kg x 1 course
Multifocal Motor Neuropathy	Up to 2 g/kg divided over 5 days in a 28-day cycle
Acquired immune deficiency: CLL, MM and ALL	400 mg/kg every 3 to 4 weeks
Pediatric HIV	400 mg/kg every 2 to 4 weeks
Guillain-Barre	2 g/kg divided over 5 days x 1 course
Myasthenia Gravis	1-2 g/kg divided as either 0.5 g/kg daily x 2 days or 0.4 g/kg daily x 5 days x 1 course
Auto-immune blistering diseases	Up to 2 g/kg divided over 5 days in a 28-day cycle
Dermatomyositis/Polymyositis	2 g/kg divided over 2 to 5 days in a 28-day cycle
Bone Marrow or Stem Cell Transplant	500 mg/kg once weekly x 90 days, then 500 mg/kg every 3 to 4 weeks
Complications of transplanted solid organ (kidney, liver, lung, heart, pancreas) and bone marrow transplant	2 g/kg divided over 5 days in a 28-day cycle
Stiff Person	2 g/kg divided over 5 days in a 28-day cycle
Toxic shock syndrome	2 g/kg divided over 5 days x 1 course
Neonatal Alloimmune Thrombocytopenia	1 g/kg x 1 dose, may be repeated once if needed
Management of Immune Checkpoint Inhibitor Related Toxicity	2 g/kg divided over 5 days x 1 course
Management of CAR T-Cell- Related Toxicity	400-500 mg/kg every 28 days

<sup>\*</sup>Dosing for IVIG is highly variable depending on numerous patient specific factors, indication(s), and the specific product selected. For specific dosing regimens refer to current prescribing literature.

## VI. Billing Code/Availability Information

## HCPCS Code & NDC:

Drug	Manufacturer	HCPCS Code	1 Billable Unit Equivalent	IgG (grams) per SDV	NDC
Asceniv*	ADMA Biologics	J1554	500 mg	5	69800-0250- XX



D''	ADMA	I1 MMO	500 mg	5	69800-6502- XX
Bivigam*	Biologics	J1556	91390 300 mg	10	69800-6503- XX
Flebogamma 10% DIF*	Instituto	rituto	5, 10, 20	61953-0005- XX	
Flebogamma 5% DIF*	Grifols, S.A.	J1572	500 mg	0.5, 2.5, 5, 10, 20	61953-0004- XX
Gamunex-C	Grifols Therapeutics	J1561	500 mg	1, 2.5, 5, 10, 20, 40	13533-0800- XX
Gammagard Liquid*	Baxalta	J1569	500 mg	1, 2.5, 5, 10, 20, 30	00944-2700- XX
C	D14	11500	<b>5</b> 00	5	00944-2656- XX
Gammagard S/D*	Baxalta	J1566	500 mg	10	00944-2658- XX
Gammaked*	Grifols Therapeutics	J1561	500 mg	1, 2.5, 5, 10, 20	76125-0900- XX
Gammaplex 5%*	Bio Products	11225		5, 10, 20	64208-8234- XX
Gammaplex 10%*	Laboratory	J1557	500 mg	5, 10, 20	64208-8235- XX
Octagam 10%*	Octapharma	11 7 40	<b>*</b> 00	2, 5, 10, 20, 30	68982-0850- XX
Octagam 5%*	USA Inc	J1568 500 mg	500 mg	1, 2.5, 5, 10, 25	68982-0840- XX
				5	44206-0436- XX
D	CSL Behring	11.470	<b>-</b> 00	10	44206-0437- XX
Privigen*	AG	J1459	500 mg	20	44206-0438- XX
				40	44206-0439- XX
Panzyga*	Octapharma USA Inc	J1576 (Effective 07/01/2023) J1599	500mg	1, 2.5, 5, 10, 20, 30	68982-0820- XX
		(Discontinue use on 07/01/2023)			
Injection, immune globulin, intravenous, non-lyophilized (e.g.,	N/A	J1599	500 mg	N/A	N/A



liquid), not otherwise specified					
*90283 – immune globulin (IgIV), human, for intravenous use					
** (HOPPS-Hospital Outpatient	** (HOPPS-Hospital Outpatient Prospective Payment System Use Only)				

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### Appendix 1 – Covered Diagnosis Codes

ICD-10	ICD-10 Description
A48.3	Toxic shock syndrome
B20	Human immunodeficiency virus (HIV) disease
B25.0	Cytomegaloviral pneumonitis
B25.1	Cytomegaloviral hepatitis
B25.2	Cytomegaloviral pancreatitis
B25.8	Other cytomegaloviral diseases
B25.9	Cytomegaloviral disease, unspecified
C91.10	Chronic lymphocytic leukemia of B-cell type not having achieved remission
C91.11	Chronic lymphocytic leukemia of B-cell type in remission
C91.12	Chronic lymphocytic leukemia of B-cell type in relapse
C90.00	Multiple Myeloma not having achieved remission
C90.01	Multiple Myeloma in remission
C90.02	Multiple Myeloma in relapse



ICD-10	ICD-10 Description	
C90.10	Plasma cell leukemia not having achieved remission	
C90.11	Plasma cell leukemia in remission	
C90.12	Plasma cell leukemia in relapse	
C90.00	Acute lymphoblastic leukemia not having achieved remission	
C90.01	Acute lymphoblastic leukemia, in remission	
C90.02	Acute lymphoblastic leukemia, in relapse	
D69.3	Immune thrombocytopenic purpura	
D69.41	Evans syndrome	
D69.42	Congenital and hereditary thrombocytopenic purpura	
D69.49	Other primary thrombocytopenia	
D69.59	Other secondary thrombocytopenia	
D80.0	Hereditary hypogammaglobulinemia	
D80.1	Nonfamilial hypogammaglobulinemia	
D80.3	Selective deficiency of immunoglobulin G [IgG] subclasses	
D80.5	Immunodeficiency with increased immunoglobulin M [IgM]	
D80.7	Transient hypogammaglobulinemia of infancy	
D81.0	Severe combined immunodeficiency [SCID] with reticular dysgenesis	
D81.1	Severe combined immunodeficiency [SCID] with low T- and B-cell numbers	
D81.2	Severe combined immunodeficiency [SCID] with low or normal B-cell numbers	
D81.6	Major histocompatibility complex class I deficiency	
D81.7	Major histocompatibility complex class II deficiency	
D81.89	Other combined immunodeficiencies	
D81.9	Combined immunodeficiency, unspecified	
D82.0	Wiskott-Aldrich syndrome	
D82.1	DiGeorge's syndrome	
D82.8	Immunodeficiency associated with other specified major defects	
D83.0	Common variable immunodeficiency with predominant abnormalities of B-cell numbers and function	
D83.2	Common variable immunodeficiency with autoantibodies to B- or T-cells	
D83.8	Other common variable immunodeficiencies	
D83.9	Common variable immunodeficiency, unspecified	
D89.810	Acute graft-versus-host disease	
D89.812	Acute on chronic graft-versus-host disease	
D89.834	Cytokine release syndrome, grade 4	
D89.839	Cytokine release syndrome, grade unspecified	
G03.8	Meningitis due to other specified causes	



ICD-10	ICD-10 Description		
G03.9	Meningitis, unspecified		
G04.81	Other encephalitis and encephalomyelitis		
G04.89	Other myelitis		
G04.90	Encephalitis and encephalomyelitis, unspecified		
G04.91	Myelitis, unspecified		
G25.82	Stiff-man syndrome		
G56.80	Other specified mononeuropathies of unspecified upper limb		
G56.81	Other specified mononeuropathies of right upper limb		
G56.82	Other specified mononeuropathies of left upper limb		
G56.83	Other specified mononeuropathies of bilateral upper limbs		
G56.90	Unspecified mononeuropathy of unspecified upper limb		
G56.91	Unspecified mononeuropathy of right upper limb		
G56.92	Unspecified mononeuropathy of left upper limb		
G56.93	Unspecified mononeuropathy of bilateral upper limbs		
G57.80	Other specified mononeuropathies of unspecified lower limb		
G57.81	Other specified mononeuropathies of right lower limb		
G57.82	Other specified mononeuropathies of left lower limb		
G57.83	Other specified mononeuropathies of bilateral lower limbs		
G57.90	Unspecified mononeuropathy of unspecified lower limb		
G57.91	Unspecified mononeuropathy of right lower limb		
G57.92	Unspecified mononeuropathy of left lower limb		
G57.93	Unspecified mononeuropathy of bilateral lower limbs		
G61.0	Guillain-Barre syndrome		
G61.1	Serum neuropathy		
G61.81*	Chronic inflammatory demyelinating polyneuritis		
G61.82	Multifocal motor neuropathy		
G61.89	Other inflammatory polyneuropathies		
G61.9	Inflammatory polyneuropathy, unspecified		
G62.0	Drug-induced polyneuropathy		
G62.89	Other specified polyneuropathies		
G70.00	Myasthenia gravis without (acute) exacerbation		
G70.01	Myasthenia gravis with (acute) exacerbation		
G90.09	Other idiopathic peripheral autonomic neuropathy		
130.8	Other forms of acute pericarditis		
I30.9	Acute pericarditis, unspecified		



ICD-10	ICD-10 Description	
I40.8	Other acute myocarditis	
I40.9	Acute myocarditis, unspecified	
J70.2	Acute drug-induced interstitial lung disorders	
J70.4	Drug-induced interstitial lung disorders, unspecified	
L10.0	Pemphigus vulgaris	
L10.2	Pemphigus foliaceous	
L12.0	Bullous pemphigoid	
L12.1	Cicatricial pemphigoid	
L12.30	Acquired epidermolysis bullosa, unspecified	
L12.31	Epidermolysis bullosa due to drug	
L12.35	Other acquired epidermolysis bullosa	
L12.5	Other acquired epidermolysis bullosa	
L13.8	Other specified bullous disorders	
L13.9	Bullous disorder, unspecified	
L51.1	Stevens-Johnson syndrome	
L51.2	Toxic epidermal necrolysis [Lyell]	
M06.4	Inflammatory polyarthropathy	
M30.3	Mucocutaneous lymph node syndrome [Kawasaki]	
M33.00	Juvenile dermatomyositis, organ involvement unspecified	
M33.01	Juvenile dermatomyositis with respiratory involvement	
M33.02	Juvenile dermatomyositis with myopathy	
M33.03	Juvenile dermatomyositis without myopathy	
M33.09	Juvenile dermatomyositis with other organ involvement	
M33.10	Other dermatomyositis, organ involvement unspecified	
M33.11	Other dermatomyositis with respiratory involvement	
M33.12	Other dermatomyositis with myopathy	
M33.13	Other dermatomyositis without myopathy	
M33.19	Other dermatomyositis with other organ involvement	
M33.20	Polymyositis, organ involvement unspecified	
M33.21	Polymyositis with respiratory involvement	
M33.22	Polymyositis with myopathy	
M33.29	Polymyositis with other organ involvement	
M33.90	Dermatopolymyositis, unspecified, organ involvement unspecified	
M33.91	Dermatopolymyositis, unspecified with respiratory involvement	
M33.92	Dermatopolymyositis, unspecified with myopathy	



ICD-10	ICD-10 Description		
M33.93	Dermatopolymyositis, unspecified without myopathy		
M33.99	Dermatopolymyositis, unspecified with other organ involvement		
M36.0	Dermato(poly)myositis in neoplastic disease		
M60.80	Other myositis, unspecified site		
M60.811	Other myositis, right shoulder		
M60.812	Other myositis, left shoulder		
M60.819	Other myositis, unspecified shoulder		
M60.821	Other myositis, right upper arm		
M60.822	Other myositis, left upper arm		
M60.829	Other myositis, unspecified upper arm		
M60.831	Other myositis, right forearm		
M60.832	Other myositis, left forearm		
M60.839	Other myositis, unspecified forearm		
M60.841	Other myositis, right hand		
M60.842	Other myositis, left hand		
M60.849	Other myositis, unspecified hand		
M60.851	Other myositis, right thigh		
M60.852	Other myositis, left thigh		
M60.859	Other myositis, unspecified thigh		
M60.861	Other myositis, right lower leg		
M60.862	Other myositis, left lower leg		
M60.869	Other myositis, unspecified lower leg		
M60.871	Other myositis, right ankle and foot		
M60.872	Other myositis, left ankle and foot		
M60.879	Other myositis, unspecified ankle and foot		
M60.88	Other myositis, other site		
M60.89	Other myositis, multiple sites		
M60.9	Myositis, unspecified		
M79.10	Myalgia, unspecified site		
M79.11	Myalgia of mastication muscle		
M79.12	Myalgia of auxiliary muscles, head and neck		
M79.18	Myalgia, other site		
O26.40	Herpes gestationis, unspecified trimester		
O26.41	Herpes gestationis, first trimester		
O26.42	Herpes gestationis, second trimester		



ICD-10	ICD-10 Description		
O26.43	Herpes gestationis, third trimester		
P61.0	Transient neonatal thrombocytopenia		
T80.82XA	Complication of immune effector cellular therapy, initial encounter		
T80.82XS	Complication of immune effector cellular therapy, sequela		
T80.89XA	Other complications following infusion, transfusion and therapeutic injection, initial encounter		
T80.89XS	Other complications following infusion, transfusion and therapeutic injection, sequela		
T86.00	Unspecified complication of bone marrow transplant		
T86.01	Bone marrow transplant rejection		
T86.02	Bone marrow transplant failure		
T86.03	Bone marrow transplant infection		
T86.09	Other complications of bone marrow transplant		
T86.10	Unspecified complication of kidney transplant		
T86.11	Kidney transplant rejection		
T86.12	Kidney transplant failure		
T86.13	Kidney transplant infection		
T86.19	Other complication of kidney transplant		
T86.20	Unspecified complication of heart transplant		
T86.21	Heart transplant rejection		
T86.22	Heart transplant failure		
T86.23	Heart transplant infection		
T86.290	Cardiac allograft vasculopathy		
T86.298	Other complications of heart transplant		
T86.30	Unspecified complication of heart-lung transplant		
T86.31	Heart-lung transplant rejection		
T86.32	Heart-lung transplant failure		
T86.33	Heart-lung transplant infection		
T86.39	Other complications of heart-lung transplant		
T86.40	Unspecified complication of liver transplant		
T86.41	Liver transplant rejection		
T86.42	Liver transplant failure		
T86.43	Liver transplant infection		
T86.49	Other complications of liver transplant		
T86.810	Lung transplant rejection		
T86.811	Lung transplant failure		
T86.812	Lung transplant infection		



ICD-10	ICD-10 Description	
T86.818	Other complications of lung transplant	
T86.819	Unspecified complication of lung transplant	
T86.890	Other transplanted tissue rejection	
T86.891	Other transplanted tissue failure	
T86.892	Other transplanted tissue infection	
T86.898	Other complications of other transplanted tissue	
T86.899	Unspecified complication of other transplanted tissue	
Z48.21	Encounter for aftercare following heart transplant	
Z48.22	Encounter for aftercare following kidney transplant	
Z48.23	Encounter for aftercare following liver transplant	
Z48.24	Encounter for aftercare following lung transplant	
Z48.280	Encounter for aftercare following heart-lung transplant	
Z48.290	Encounter for aftercare following bone marrow transplant	
Z94.0	Kidney transplant status	
Z94.1	Heart transplant status	
Z94.2	Lung transplant status	
Z94.3	Heart and lungs transplant status	
Z94.4	Liver transplant status	
Z94.81	Bone marrow transplant status	
Z94.83	Pancreas transplant status	
Z94.84	Stem cells transplant status	

<sup>\*</sup>G61.81 is not payable when associated with diabetes mellitus, dysproteinemias, renal failure, or malnutrition

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

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 Determination (NCD), Local Coverage Determinations (LCDs), and Local Coverage Articles (LCAs) may exist and compliance with these policies is required where applicable. They can be found at: <a href="https://www.cms.gov/medicare-coverage-database/search.aspx">https://www.cms.gov/medicare-coverage-database/search.aspx</a>. Additional indications may be covered at the discretion of the health plan.

Medicare Part B Covered Diagnosis Codes (applicable to existing NCD/LCD/LCA):

Jurisdiction(s): N	NCD/LCD/Article Document (s): A57778				
https://www.cms.gov/medicare-coverage-database/new-search/search-					
$\underline{results.aspx?keyword=a57778\&areaId=all\&docType=NCA\%2CCAL\%2CNCD\%2CMEDCAC\%2CTA\%2CMCD}$					
<u>D%2C6%2C3%2C5%2C1%2CF%2CP</u>					



Jurisdiction(s): F

NCD/LCD/Article Document (s): A57194

https://www.cms.gov/medicare-coverage-database/new-search/search-

results.aspx?keyword=a57194&areaId=all&docType=NCA%2CCAL%2CNCD%2CMEDCAC%2CTA%2CMC D%2C6%2C3%2C5%2C1%2CF%2CP

Jurisdiction(s): H, L

NCD/LCD/Article Document (s): A56786

https://www.cms.gov/medicare-coverage-database/new-search/search-

results.aspx?keyword=a56786&areaId=all&docType=NCA%2CCAL%2CNCD%2CMEDCAC%2CTA%2CMC D%2C6%2C3%2C5%2C1%2CF%2CP

Jurisdiction(s): E

NCD/LCD/Article Document (s): A57187

https://www.cms.gov/medicare-coverage-database/new-search/search-

results.aspx?keyword=a57187&areaId=all&docType=NCA%2CCAL%2CNCD%2CMEDCAC%2CTA%2CMC D%2C6%2C3%2C5%2C1%2CF%2CP

Jurisdiction(s): 5, 8

NCD/LCD/Article Document (s): A57554

https://www.cms.gov/medicare-coverage-database/new-search/search-

results.aspx?keyword=a57554&areaId=all&docType=NCA%2CCAL%2CNCD%2CMEDCAC%2CTA%2CMC D%2C6%2C3%2C5%2C1%2CF%2CP

Jurisdiction(s): J. M

NCD/LCD/Article Document (s): A56718

https://www.cms.gov/medicare-coverage-database/new-search/search-

results.aspx?keyword=a56718&areaId=all&docType=NCA%2CCAL%2CNCD%2CMEDCAC%2CTA%2CMC D%2C6%2C3%2C5%2C1%2CF%2CP

Jurisdiction(s): ALL

NCD/LCD/Article Document (s): 250.3

https://www.cms.gov/medicare-coverage-database/view/ncd.aspx?ncdid=158&ncdver=1&bc=0

Jurisdiction(s): 15

NCD/LCD/Article Document (s): A56779

https://www.cms.gov/medicare-coverage-database/new-search/search-

results.aspx?keyword=a56779&areaId=all&docType=NCA%2CCAL%2CNCD%2CMEDCAC%2CTA%2CMC D%2C6%2C3%2C5%2C1%2CF%2CP

Jurisdiction(s): E. F.

NCD/LCD/Article Document (s): A54641. A54643

https://www.cms.gov/medicare-coverage-database/new-search/search-

 $\frac{results.aspx?keyword=a54641\&areaId=all\&docType=NCA\%2CCAL\%2CNCD\%2CMEDCAC\%2CTA\%2CMCD\%2C6\%2C3\%2C5\%2C1\%2CF\%2CP}{D\%2C6\%2C3\%2C5\%2C1\%2CF\%2CP}$ 

https://www.cms.gov/medicare-coverage-database/new-search/search-

results.aspx?keyword=a54643&areaId=all&docType=NCA%2CCAL%2CNCD%2CMEDCAC%2CTA%2CMC D%2C6%2C3%2C5%2C1%2CF%2CP



Jurisdiction(s): E, F

NCD/LCD/Article Document (s): A54660, A54662

https://www.cms.gov/medicare-coverage-database/new-search/search-

results.aspx?keyword=a54660&areaId=all&docType=NCA%2CCAL%2CNCD%2CMEDCAC%2CTA%2CMC D%2C6%2C3%2C5%2C1%2CF%2CP

https://www.cms.gov/medicare-coverage-database/new-search/search-

results.aspx?keyword=a54662&areaId=all&docType=NCA%2CCAL%2CNCD%2CMEDCAC%2CTA%2CMC D%2C6%2C3%2C5%2C1%2CF%2CP

Jurisdiction(s): 6, K NCD/LCD/Artic

NCD/LCD/Article Document (s): A52446

https://www.cms.gov/medicare-coverage-database/new-search/search-

results.aspx?keyword=a52446&areaId=all&docType=NCA%2CCAL%2CNCD%2CMEDCAC%2CTA%2CMC D%2C6%2C3%2C5%2C1%2CF%2CP

Jurisdiction(s): 15

NCD/LCD/Article Document (s): A57160

https://www.cms.gov/medicare-coverage-database/new-search/search-

results.aspx?keyword=a57160&areaId=all&docType=NCA%2CCAL%2CNCD%2CMEDCAC%2CTA%2CMC D%2C6%2C3%2C5%2C1%2CF%2CP

	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 Corporation (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 Corporation (WPS)		
N (9)	FL, PR, VI	First Coast Service Options, Inc.		
J (10)	TN, GA, AL	Palmetto GBA, LLC		
M (11)	NC, SC, WV, VA (excluding below)	Palmetto GBA, LLC		
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		

