



## Referring Patients to Advanced Infusion Care

Advanced Infusion Care (AIC) aims to simplify patient onboarding. Use the documentation checklists and ICD-10 diagnosis codes provided below to submit the necessary patient information.

## **Referral Information Needed**

Hereitai	inomationNeeded									
INFORMAT	ION NEEDED FOR PRIMARY IMMUNE (PI) PATIENTS:	INFORMATION NEEDED FOR NEUROLOGY PATIENTS:								
<ul> <li>Copy of</li> <li>Prescrip</li> <li>H&amp;P (incentive dance)</li> <li>Serum in subclas</li> <li>Ig1, Ig2, I</li> <li>Recent I</li> <li>Vaccine</li> </ul>	demographic sheet patient's insurance card bition (including dose, frequency, and weight) cluding supporting documentation of infection history, d failed first-line treatments/abx) mmunoglobulin panel (including IgA, IgM, IgG, Ig ses 1-4) g3, and Ig4 subclass report (if available) BUN and creatinine results challenge test results and titer values r Access Device (VAD) report, if applicable	<ul> <li>Patient demographic sheet</li> <li>Copy of patient's insurance card</li> <li>Prescription (including dose, frequency, and weight)</li> <li>H&amp;P (including supporting documentation of tried and failed first-line treatments/steroids/biologics)</li> <li>Recent BUN and creatinine results</li> <li>Neuro Scale: MGADL, Modified Rankin Scale, etc</li> <li>Lumbar puncture showing CSF protein levels</li> <li>Diagnostic studies: nerve conduction studies/EMG/muscle biopsy/CK levels</li> <li>Vascular Access Device (VAD) report, if applicable</li> </ul>								
	-10 codes for PI therapy*:  DESCRIPTION	Common ICD-10 codes for neurology therapy*: ICD-10 CODE DESCRIPTION								
D80.0†	Hereditary hypogammaglobulinemia  Nonfamilial hypogammaglobulinemia	D89.89	Other specified disorders involving the immune mechanism, not elsewhere classified							
D80.2‡	Selective deficiency of IgA	G25.82	Stiff Person Syndrome (SPS)							
D80.3 <sup>‡</sup>	Selective deficiency of IgG subclasses	G35	Multiple sclerosis (RRMS)							
D80.5‡	Immunodeficiency with increased IgM	G60.9	Hereditary and idiopathic neuropathy, unspecified							
D80.6‡	Antibody deficiency with near-normal immunoglobulins	G60.0	Hereditary and idiopathic neuropathy, unspecified							
D81.0 <sup>†</sup>	SCID with reticular dysgenesis	G61.0	Guillain-Barré syndrome							
D81.1 <sup>†</sup>	SCID with low T- and B-cell numbers	G61.81	Chronic inflammatory demyelinating polyneuritis							
D81.2 <sup>†</sup>	SCID with low or normal B-cell numbers	G61.82	Multifocal motor neuropathy							
D81.6 <sup>†</sup>	Major histocompatibility complex class I deficiency	G61.9	Inflammatory polyneuropathy, unspecified							
D81.7†	Major histocompatibility complex class II deficiency	G70.00	Myasthenia gravis without acute exacerbation							
D81.89 <sup>†</sup>	Other combined immunodeficiencies	G70.01	Myasthenia gravis with (acute) exacerbation							
D81.9 <sup>†</sup>	Combined immunodeficiency, unspecified  Wiekett Aldrich gundreme	G70.80	Lambert-Eaton syndrome, unspecified							
D02.U1	Wiskott-Aldrich syndrome  Immunodeficiency associated with		· · · · · · · · · · · · · · · · · · ·							
D82.9	major defect, unspecified	G72.41	Inclusion body myositis							
D83.0 <sup>†</sup>	CVID with predominant abnormalities of B-cell numbers and function	G72.49 G73.1	Other inflammatory and immune myopathies  Lambert-Eaton syndrome in neoplastic disease							
D83.1‡	CVID with predominant immunoregulatory T-cell disorders	M34.82	Scleroderma							
D83.2 <sup>†</sup>	CVID with autoantibodies to B or T cells	M32.19	Systemic lupus erythematosus							
D83.8 <sup>†</sup>	Other common variable immunodeficiencies	M33.10	Dermatomyositis							
D83.9 <sup>†</sup>	CVID, unspecified	M33.20	Polymyositis							

<sup>\*</sup>These ICD-10 codes fall under the disease states listed in Jolles S et al. Clinical uses of intravenous immunoglobulin. Clin Exp Immunol. 2005;142(1):1-11. doi:10.1111/j.1365-2249.2005.02834

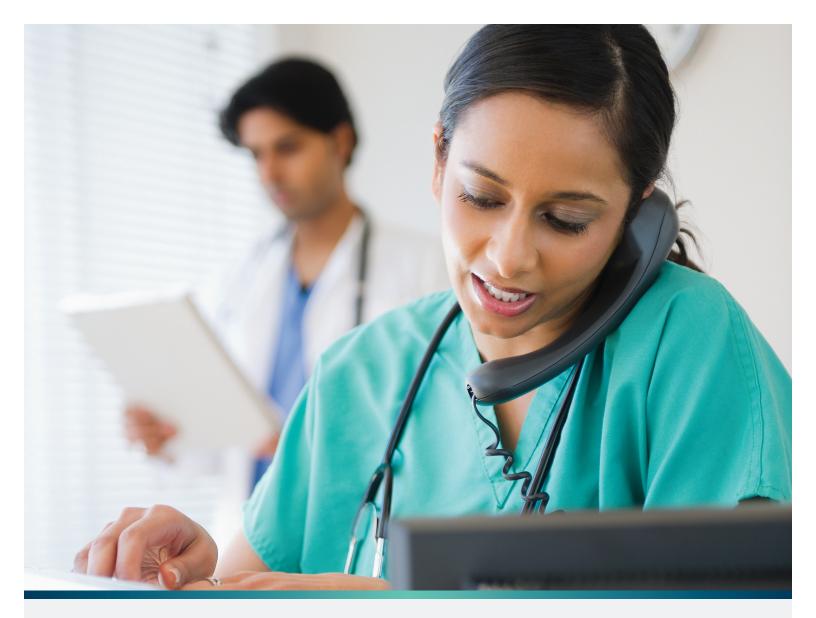
†These ICD-10 codes reflect diagnoses that are payable for Ig home infusion under Medicare Part B as published in IDF: SCID Compass. More PI diagnoses covered for home Ig replacement therapy under Medicare Part B. July 2019. https://primaryimmune.org/scid-compass/news/more-pi-diagnoses-covered-home-ig-replacement-therapy-under-medicare-part-b

†These ICD-10 codes were added per CMS guidelines, effective August 2019, as published in IDF: SCID Compass. See reference directly above.

## Discover Our Selection of Immunoglobulin Products

Learn more about the IV and SubQ immunoglobulin therapy products that we offer. Want selection or dosing guidance? Our clinical pharmacists are ready to help you pick the products that meet the health conditions and restrictions of your patients.

	ASCENIV"	BIVIGAM°	GAMN	APLEX°	HIZENTRA®	PRIVIGEN*	ALYGLO"	GAMUNE	EX*-C	XEMBIFY*	GAMMAKED"	YIMMUGO*	CUTAQUIG*	OCTAGAN	M°	PANZYGA*	CUVITRU"		IAGARD UID°	GAMMAGARD°S/D	HYQVIA*
Manufacturer	ADMA Biologics Inc.		Bio Products Laboratory		CSL Behring		Green Cross	s Grifols			Kedrion		Octapharma			Pfizer		Takeda			
Indications	PI	PI	PI, ITP		PI, CIDP	PI, ITP, CIDP (limited use)	PI	IV: PI, ITP, CIDP	SubQ:PI	PI	IV: PI, SubQ: ITP, CIDP PI	PI	PI	5%: PI	10%:ITP	PI, ITP, CIDP	PI (patients >2 yrs of age)	IV: PI, MMN, CIDP	SubQ: PI	PI, ITP, B-cell CLL, Kawasaki disease	PI, CIDP
Form	Liquid	Liquid	Liquid		Liquid	Liquid	Liquid	Liquid		Liquid	Liquid	Liquid	Liquid	Liquid		Liquid	Liquid	Liquid		Lyophilized	Liquid
Shelf life and storage requirements	Refrigerate at 2°C-8°C (36°F-46°F). Do not freeze or heat. Do not use after expiration date	Stored until expiration date on vial packaging at 2°C-8°C (36°F-46°F)			30 months (room temperature storage)	36 months (room temperature storage)	Refrigeration: 2°C to 8°C (36°F-46°F) for 36 months Room temperature: (>8°C and up to 25°C/>46°F and up to 77°F) for 24 months	s°F-46°F) for hths emperature: and up to 46°F and 7°F) for 24		36 months (refrigerated at 36°F-46°F) 6 months (room temperature storage not exceeding 77°F)	36 months	Preferred at refrigeration 2°C to 8°C (36°F-46°F). May be stored for a period of no longer than 6 months within the original expiration date at room temperature (>8°C and up to 25°C/>46°F and up to 77°F). Once stored at room temperature, do not return to refrigeration	24 months (refrigerated) 6 months (room temperature storage not exceeding 77°F)  24 months  24 months		24 months (refrigerated up to 46°F) 9 months (room temperature storage not exceeding 77°F)	12 months room temperature (do not exceed 25°C/77°F)	36 months (refrigerated) 24 months (room temperature storage not exceeding 77°F)		24 months (room temperature storage)	36 months (refrigerated at 36°F-46°F) 3 months (room temperature storage not exceeding 77°F)	
Reconstitution time	None (liquid solution)	None (liquid solution)	None (liquid solution)		None (liquid solution)	None (liquid solution)	None (liquid solution)	None (liquid solution)		None (liquid solution)	None (liquid solution)	None (liquid solution)	None (liquid solution)	None (liquid solution)		None (liquid solution)	None (liquid formulation)	None (liquid solution)		n/a	None (liquid solution)
Available concentration	10%	10%	5%	10%	20%	10%	10%	10%		20%	10%	10%	16.5%	5%	10%	10%	20%	10%		5%	10%
Maximum recommended infusion rate	Up to 0.08 mL/kg/min	Up to 6 mL/kg/min	4.8 mL/kg per hr		Up to 25 mL/hr per site (50 mL/hr for all sites combined)	4.8 mL/kg per hr	0.8 mL/kg/min	4.8 mL/kg per hr	20 mL/ per hr	25 mL/hr per site	4.8 mL/ 20 mL/ kg per hr per hr	First infusion: max rate= 0.03 mL/kg/min Subsequent infusions (as tolerated): max rate=0.13 mL/kg/min	Up to 100 mL/hr at all sites combined	≤4.2 mL/kg per hr		0.01 mL/kg per min	First 2 infusions: 10-20 mL/hr/site All subsequent infusions: up to 60 mL/hr/site	5 mL/kg per hr	≥40 kg BW: 30 mL/site at 20-30 mL/hr per site ≤40 kg BW: 20 mL/ site at 15-20 mL/hr per site	4 mL/kg per hr	<40 kg: ≤300 mL per injection site  ≥40 kg: ≤600 mL per injection site
Time to infuse 35 g	Varies based on volume and tolerability	Varies based on volume and tolerability	2 hrs, 40 mins for a 70-kg person, if infused according to PI	1hr,53 mins for a 70-kg person, if infused according to PI	Varies based on volume and tolerability	Varies based on patient tolerability	Varies based on volume and tolerability	Varies based on administration method Varies based on volume and tolerability		Varies based on administration method	Varies based on volume and tolerability	Varies based on patient tolerability	on patient		Varies based on patient tolerability	Varies based on patient tolerability	Varies based on patient tolerability		Varies based on patient tolerability	Varies based on patient tolerability	
Sugar content	Contains no sucrose	Contains no sucrose/ glucose/maltose	5% D-sorbitol (polyol)	None	None	None	None	None		None	None	None	79 mg/mL (maltose)	10 mg/mL (maltose)		None	No added sugars	No added sugars		20 mg/mL (glucose)	No added sugars
Sodium content	0.100-0.140 M (sodium chloride)	0.100-0.140 M (sodium chloride)	30-50 mmol/L	<30 mM	Trace amounts (≤10 mmol/L)	Trace amounts	None	Trace amounts		Trace amounts	Trace amounts	None	≤30 mmol/L	≤30 mmol/L		Trace amounts	No added sodium	No added sodium		8.5 mg/mL (sodium chloride)	8.5 mg/mL in HYQVIA (none in immunoglobulin)
Osmolarity/ osmolality	240-310 mOsm/kg	454-472 mOsm/kg	460-500 mOsm/kg	~280 mOsm/kg	380 mOsm/kg	Isotonic (380 mOsm/kg)	298 mOsm/kg	258 mOsm/kg		280-404 mOsm/kg	258 mOsm/kg	280 to 380 mOsm/kg	310-380 310-380 mOsm/kg mOsm/kg		240-310 mOsm/kg	280-292 mOsm/kg	30-292 mOsm/kg 240-300 mOsm/kg		636 mOsm/kg	240-300 mOsm/kg	
рН	4.0-4.6	4.0-4.6	4.6-5.1	4.9-5.2	4.6-5.2	4.8	4.5-5.5	4.0-4.5		4.1-4.8	4.0-4.5	4.4-5.2	5.0-5.5	5.1-6.0		4.5-5.0	4.6-5.1	4.6-5.1		6.8 ± 0.4	4.6-5.1
IgA content	≤200 µg/mL	Contains trace amounts of IgA	<4 mcg/mL (average)	<20 mcg/mL (specification value)	≤50 mcg/mL	≤25 mcg/mL	≤100 mcg/mL	46 μg/mL		IgA <0.07 mg/mL	46 μg/mL	<300 mcg/mL	≤0.6 mg/mL	100 μg/mL		100 μg/mL (average)	80 μg/mL	37 μg/mL		<1µg/mL	37 μg/mL
Approved method of administration	IV	IV	IV		SubQ	IV	IV	IV	SubQ	SubQ	IV SubQ	IV	SubQ	IV		IV	SubQ	IV	SubQ	IV	SubQ



## Partner With AIC for Your Patients' Infusion Therapy Needs

At AIC, we're committed to being your trusted partner in patient care. To get your patients started on infusion therapy:

- 1. Complete our referral form, available on our website, for both IV and SubQ therapies.
- 2. If applicable, please include the patient's VAD report.
- 3. Once the referral is reviewed by our clinical specialists, an AIC representative will promptly reach out to guide you through the next steps.

Visit https://aiscaregroup.com/our-divisions/infusion-care/ to begin the referral process today.





