

**Immune Globulin (Gammagard Liquid) – IVIG –
 Infusion Therapy Plan Orders**

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Name: _____

Kaiser Permanente Member I.D. # _____

Date of Birth _____

Instructions to Provider

Review orders and note any changes. All orders with will be placed unless otherwise noted. Please fax completed order form to the infusion center where the patient will be receiving treatment (see fax numbers at the end of this protocol). Lab orders are not included on this form – place orders via usual method. Lab monitoring is the responsibility of the ordering physician.

Please complete all of the following:

 Pre-Service Authorization has been obtained by Kaiser Permanente **Fax:** 1-888-282-2685 **Voice:** 1-800-289-1363

Order Date: _____ Dosing Weight: _____ kg Please see guidance below for standard dosing.	Diagnosis: ICD-10 code (REQUIRED): _____ ICD-10 description _____ _____
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Dosing Guidance:

- Determine/Calculate Boxes A, B, and C.
- Determine appropriate dosing weight.

A. Actual Body Weight (Act. BW) _____ kg Date measured/recorded: _____	B. Ideal Body Weight (IBW) _____ kg Male= 50 + 2.3 (Ht in Inches-60) Female= 45.5 + 2.3 (Ht in Inches-60)	C. Adjusted Body Weight (Adj. BW) _____ kg Adjusted BW= Box B + 0.4(Box A -Box B)
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If Actual Body Weight < Ideal Body Weight	➔	Use Actual Body Weight as dosing weight (Box A)
If Actual Body Weight > 20% above IBW	➔	Use Adjusted Body Weight as dosing weight (Box C)
All Other Patients	➔	Use Ideal Body Weight as dosing weight (Box B)

General Plan Communication

Special instructions/notes: _____
 For Neurology Indications:

- Data is insufficient to recommend an optimal dosing regimen for patients with CIDP, GBS, and/or MG. A dose of 2 grams/kilogram in divided doses over 2 to 5 days, such as 0.4 gram/kilogram/day for 5 days can be considered.

Provider Information

- Ensure baseline serum creatinine (SCr) and complete blood count (CBC) have been completed within 3 months prior to administration of first dose.
- Infusion rates should not go beyond 3.2 milligram/kilogram/minute for
 - Patients at risk for thrombotic event **or**
 - Patients with risk factors for renal dysfunction (over 65 years old, diabetes, abnormal renal function tests)

Please choose EITHER General Infusion OR Disease Specific Infusion:

 General Infusion Therapy (See below for disease specific indications)

Immune globulin-human (GAMMAGARD LIQUID) 10% IV infusion

Dose: _____ gram/kg x dosing weight = _____ grams

(Dose will be rounded to the nearest 1 gram.)

Route: Intravenous

Frequency: _____

 Infusion Rate: Titrate per [Kaiser Permanente Nursing Protocol – IV Immune Globulin](#)

Note any changes to above regimen: _____

 Infusion Therapy: Disease Specific

Chronic Inflammatory Demyelinating Polyneuropathy (CIDP), Guillain-Barre Syndrome (GBS), and Myasthenia Gravis (MG)

Induction Infusion

 Immune globulin-human (GAMMAGARD LIQUID) 10% IV infusion

 Dose: **0.4 gram/kilogram** x dosing weight = _____ grams

(Dose will be rounded to the nearest 1 gram.)

Route: Intravenous

 Frequency: **5 (consecutive) days**

 Infusion Rate: Titrate per [Kaiser Permanente Nursing Protocol – IV Immune Globulin](#)

Note any changes to above regimen: _____

Maintenance Infusion

 Immune globulin-human (GAMMAGARD LIQUID) 10% IV infusion

Dose: _____ gram/kg x dosing weight = _____ grams

(Dose will be rounded to the nearest 1 gram.)

Route: Intravenous

Frequency: _____

Infusion Rate: Titrate per [Kaiser Permanente Nursing Protocol – IV Immune Globulin](#)

Note any changes to above regimen: _____

Pre-Meds

- acetaminophen (TYLENOL) tablet
Dose: 650 mg Route: Oral Frequency: Once, 30 minutes prior to IVIG infusion.
May also be given once as needed during infusion for fever, headache, or myalgia to infusion.
- cetirizine (ZYRTEC) tablet
Dose: 10 mg Route: Oral
Frequency: Once, at least 60 minutes prior to IVIG infusion (if not taken at home).
- Other: _____
Dose: _____ Route: Oral Frequency: Once, 30 minutes prior to IVIG infusion
- No routine pre-medications necessary. Above pre-meds may be given if patient has reaction and requires pre-medications for future doses.

IV Line Care

- dextrose 5% infusion (D5W) 250 mL
Rate: 30 mL/hr Route: Intravenous
Frequency: Run continuously to keep vein open.
Start peripheral IV if no central line.

Infusion Reaction Meds

- albuterol (PROVENTIL) nebulizer solution 0.083%
Dose: 2.5 mg Route: Nebulization Frequency: PRN for shortness of breath/wheezing
- diphenhydramine (BENADRYL) injectable
Dose: 25 mg Route: Intravenous Frequency: Once PRN, may repeat x1 for urticaria, pruritus, shortness of breath. May repeat in 15 minutes if symptoms not resolved.
- EPINEPHrine (EpiPen) 0.3 mg/ 0.3mL IM Auto-Injector
Dose: 0.3 mg Route: Intramuscular Frequency: Once PRN for anaphylaxis. Inject into lateral thigh and hold for 10 seconds.
Massage the injected area. Use for patients weighing greater than 27.3 kg (60 lbs). Use amp and 1.5 inch needle for patients with BMI greater than 30. Notify physician if administered.
- MethylPREDNISolone Sod Succ (PF) Inj 125 mg (SOLU-Medrol PF).
Dose : 125 mg Route : IV push Frequency: Once PRN for hypersensitivity reaction. Notify MD upon giving medication.

Nursing Orders

- Weight should be recorded at least every 6 months or more frequently as appropriate. Notify physician if weight has changed 10% or greater from baseline.
- If infusion-related reaction, 1) STOP infusion immediately; 2) Increase primary infusion to wide open rate; 3) Administer PRN medications per hypersensitivity protocol; 4) Notify MD.
- Stop infusion and report these signs of adverse effects to provider and/or call the code team immediately: 1) Transfusion-related acute lung injury (TRALI): severe respiratory distress, pulmonary edema, hypoxemia, fever in the presence of normal left ventricular function, sudden development of dyspnea, and hypotension.
- Discontinue IV line when therapy complete and patient stabilized.

References

- [GAMMAGARD Prescribing Information Revised March 2021.](#)
- [Kaiser Permanente Nursing Protocol – IV Immune Globulin](#)

Kaiser Permanente Infusion Locations

Bellevue Medical Center

11511 NE 10th St, Bellevue, WA 98004

Fax: 425-502-3811 Phone: 425-502-3820

Capitol Hill Medical Center

201 16th Ave E, Seattle WA 98112

Fax: 206-326-3624 Phone: 206-326-3180

Everett Medical Center

2930 Maple St, Everett, WA 98201

Fax: 425-261-1578 Phone: 425-261-1566

Olympia Medical Center

700 Lilly Road N.E., Olympia, WA 98506

Fax: 360-923-7609 Phone: 360-923-7600

Riverfront Medical Center – Spokane

W 322 North River Drive, Spokane, WA 99201

Fax: 509-434-3184 Phone: 509-324-6464

Silverdale Medical Center

10452 Silverdale Way NW, Silverdale, WA 98383

Fax: 360-307-7421 Phone: 360-307-7316

Tacoma Medical Center

209 Martin Luther King Jr Way, Tacoma, WA 98405

Fax: 253-596-3351 Phone: 253-596-3350

Provider Signature: _____ **Date:** _____

Printed Name: _____ **Phone:** _____ **Fax:** _____