

 Oregon Health & Science University Hospital and Clinics Provider's Orders PO9031  ADULT AMBULATORY INFUSION ORDER Zoledronic Acid (RECLAST) Infusion for Osteoporosis Indications Page 1 of 3	ACCOUNT NO. MED. REC. NO. NAME BIRTHDATE Patient Identification
ALL ORDERS MUST BE MARKED IN INK WITH A CHECKMARK (✓) TO BE ACTIVE.	

Weight: _____ kg Height: _____ cm
 Allergies: _____
 Diagnosis Code: _____
 Treatment Start Date: _____ Patient to follow up with provider on date: _____

****This plan will expire after 365 days at which time a new order will need to be placed****

GUIDELINES FOR ORDERING

1. Send **FACE SHEET and H&P or most recent chart note**.
2. This order should be used in patients with Paget's disease or osteoporosis. Do not use this order if patient is already being treated with zoledronic acid (ZOMETA).
3. Hypocalcemia must be corrected before initiation of therapy. All patients should be prescribed daily calcium and vitamin D supplementation.
4. The corrected calcium level should be greater than or equal to 8.4 mg/dL.
5. Risk versus benefit regarding osteonecrosis of the jaw and hip fracture must be discussed prior to treatment.
6. In patients with high risk of hypocalcemia, mineral metabolism (hypoparathyroidism, thyroid surgery, parathyroid surgery; malabsorption syndromes, excision of small intestines) recommend clinical monitoring of magnesium and phosphorus levels prior to treatment.
7. A complete metabolic panel must be obtained within 60 days prior to each treatment.
8. PROVIDER TO PHARMACIST COMMUNICATION - Creatinine clearance is calculated using Cockcroft-Gault formula (Use actual weight unless patient is greater than 30% over ideal body weight, then use adjusted body weight). If serum creatinine below 0.7 mg/dL, use 0.7 mg/dL to calculate creatinine clearance. No dose adjustment required for CrCl greater than or equal to 35 mL/min.
9. For Adventist patients: Provider must calculate the creatinine clearance using the Cockcroft-Gault formula.
10. **Provider must review and check box for the following question:** Osteonecrosis of the jaw (ONJ) has been reported in patients receiving this medication. Risk factors include higher doses, duration of therapy greater than 2 years, cancer diagnosis, concurrent immunosuppression, poor oral hygiene, periodontal disease, ill-fitting dentures, and invasive dental procedures (among others). Provider attests that patient has had a dental evaluation or has no contraindications to therapy related to dental issues prior to initiating therapy.
☐ Osteonecrosis of the jaw (ONJ) risk reviewed prior to initiation of therapy?

LABS:

- ☐ CMP, Routine, ONCE

NURSING ORDERS:

1. TREATMENT PARAMETER #1 – When labs are ordered:
 - a. If serum calcium is greater than or equal to 8.4 mg/dL: OK to proceed with treatment.
 - b. If serum calcium less than 8.4 mg/dL AND albumin is less than 4.35 mg/dL: Calculate corrected calcium: Hold treatment and notify provider if corrected calcium is less than 8.4 mg/dL.



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**Zoledronic Acid
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- c. If serum calcium less than 8.4 mg/dL AND albumin is greater than or equal to 4.35 mg/dL: Hold treatment and notify provider.
2. TREATMENT PARAMETER #2 - Assess for new or unusual thigh, hip, groin, or jaw pain. Hold treatment and Contact provider if positive findings.
Invasive dental work includes dentoalveolar procedures such as tooth extraction, root canal, or placement of dental implants. Hold treatment and notify provider if the following has not been discussed with the ordering provider:
 - a. If patient is anticipating invasive dental work in the next 3 months
 - b. Has received invasive dental work in the last 8 weeks
 - c. Has a new diagnosis of severe periodontal disease
3. TREATMENT PARAMETER #3 – Hold treatment and notify provider for estimated Creatinine Clearance less than 35 mL/min.
4. If no results in past 60 days, order CMP.
5. Have patient drink at least 2 glasses of fluid prior to infusion. Remind patient to take calcium and vitamin D supplements as prescribed by provider.
6. Follow facility policies and/or protocols for vascular access maintenance with appropriate flush solution, dec clotting (alteplase), and/or dressing changes.

MEDICATIONS:

- zoledronic acid (RECLAST), 5 mg, intravenous, ONCE, over 15 minutes

HYPERSENSITIVITY MEDICATIONS:

1. NURSING COMMUNICATION – If hypersensitivity or infusion reactions develop, temporarily hold the infusion and notify provider immediately. Administer emergency medications per the Treatment Algorithm for Acute Infusion Reaction (OHSU HC-PAT-133-GUD, HMC C-132). Refer to algorithm for symptom monitoring and continuously assess as grade of severity may progress.
2. diphenhydramine (BENADRYL) injection, 25-50 mg, intravenous, AS NEEDED x 1 dose for hypersensitivity or infusion reaction
3. EPINEPHrine HCl (ADRENALIN) injection, 0.5 mg, intramuscular, AS NEEDED x 1 dose for hypersensitivity or infusion reaction
4. hydrocortisone sodium succinate (SOLU-CORTEF) injection, 100 mg, intravenous, AS NEEDED x 1 dose for hypersensitivity or infusion reaction
5. famotidine (PEPCID) injection, 20 mg, intravenous, AS NEEDED x 1 dose for hypersensitivity or infusion reaction



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By signing below, I represent the following:

I am responsible for the care of the patient (*who is identified at the top of this form*);

I hold an active, unrestricted license to practice medicine in: ☐ Oregon ☐ _____ (*check box that corresponds with state where you provide care to patient and where you are currently licensed. Specify state if not Oregon*);

My physician license Number is # _____ (MUST BE COMPLETED TO BE A VALID PRESCRIPTION); and I am acting within my scope of practice and authorized by law to order Infusion of the medication described above for the patient identified on this form.

Provider signature: _____ **Date/Time:** _____

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

Please check the appropriate box for the patient's preferred clinic location:

☐ **Hillsboro Medical Center**

Infusion Services
364 SE 8th Ave, Medical Plaza Suite 108B
Hillsboro, OR 97123

Phone number: (503) 681-4124

Fax number: (503) 681-4120

☐ **Adventist Health Portland**

Infusion Services
10123 SE Market St
Portland, OR 97216

Phone number: (503) 261-6631

Fax number: (503) 261-6756

☐ **Mid-Columbia Medical Center**

Celilo Cancer Center
1800 E 19th St
The Dalles, OR 97058

Phone number: (541) 296-7585

Fax number: (541) 296-7610