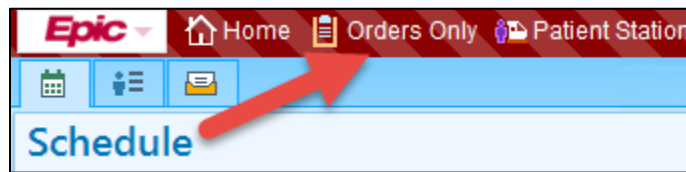




Office Staff Ordering a Blood Transfusion Therapy Plan

For patients receiving transfusions in an outpatient setting

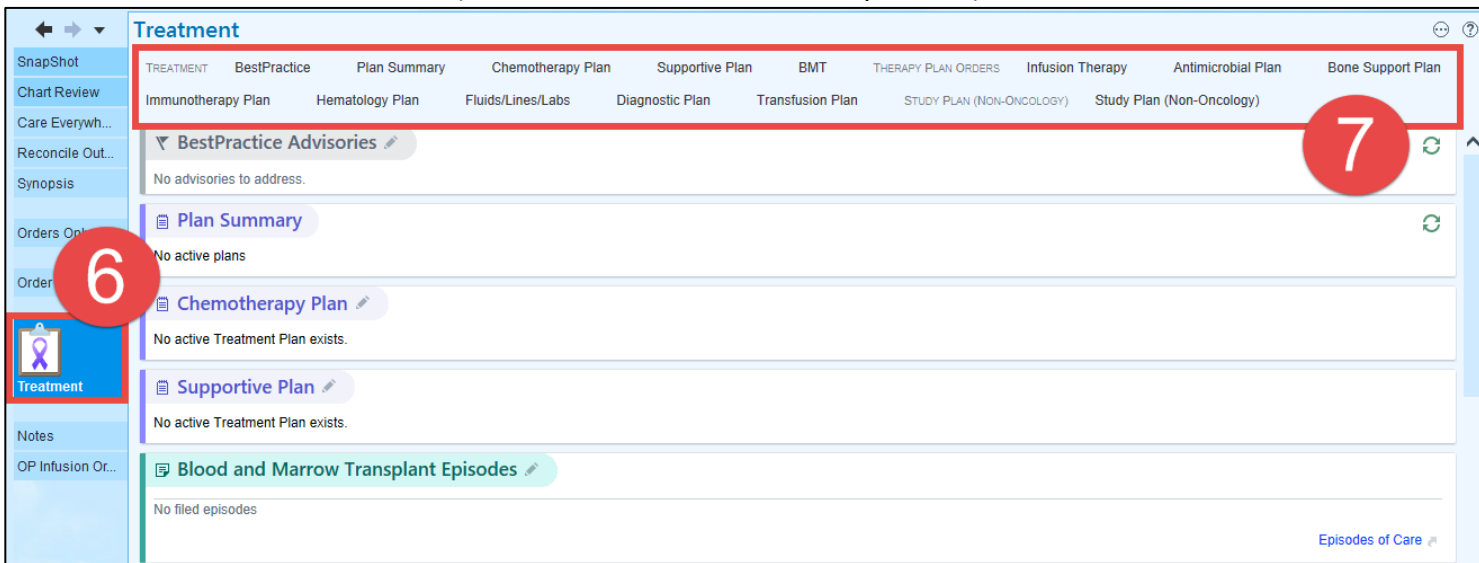
1. Log in to Epic Hyperspace: Double click on the **Epic** icon. Enter your username and password. **Choose your Department:**
 - i. **Newport Beach: HHN HCC OP Infusion**
 - ii. **Irvine: HHC ISC OP Infusion**
2. Click **Orders Only** to search for your physician's patients.



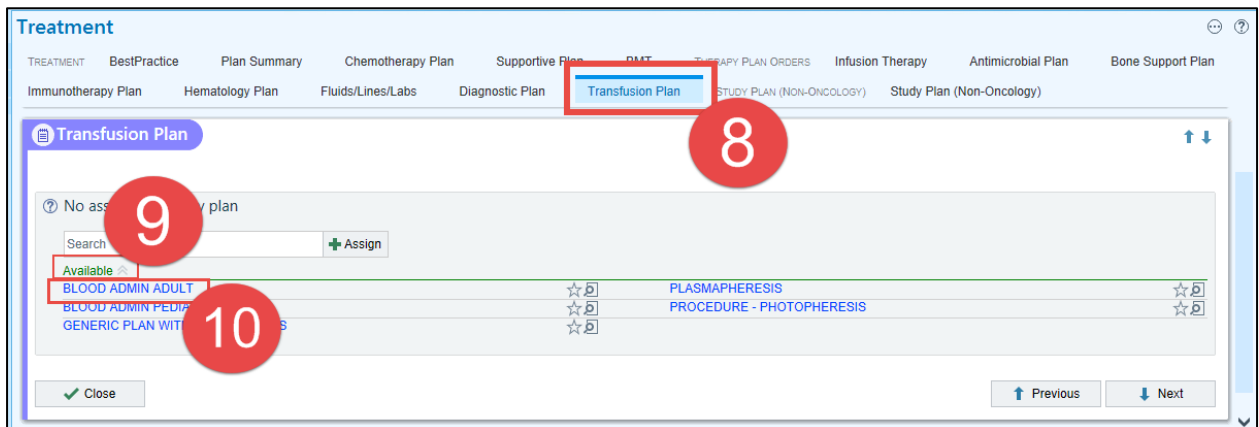
- Type in **patient's name** (Last name, first name) and date of birth and click **find patient** or click **enter** on keyboard.

3. On next screen Double-click on the **Patient's Name**.
4. On the next screen **enter in the provider and make sure your department is correct and click New**.

5. When the patient chart opens, it defaults to the **Orders Only Navigator**.
6. On the left, select the **Treatment Navigator**.
7. **All orders** must be placed under the appropriate **Treatment Plan**. Select the appropriate tab at the top to navigate to that plan section.
 - **Antimicrobial** (ex: Daptomycin, Vancomycin)
 - **Bone Support** (ex: Reclast, Zometa)
 - **Immunotherapy** (ex: IVIG, Inflectra, Xolair, Remicade)
 - **Hematology** (ex: Procrit, Granix, Iron)
 - **Fluids/Lines/Labs** (ex: Hydration, Central Line Care, and any patient just needing labs at the infusion center)
 - **Diagnostic Plan** (ex: Cortrosyn)
 - **Transfusion Plan** (ex: Blood Products and Plasmapheresis)



8. Click **Tranfusion Plan**.
9. Click the **chevron** next to **Available** to review the plans that are available.
10. Select **Blood Admin Adult**.



Date and associated problem(s) are required (as denoted by the red stop sign)

11. Fill out **Plan start date**.
12. Enter the name of your doctor as the **Lead Provider**.
13. Select a problem to link to plan if problem is listed below.
14. If problem is not there then on then on bottom left you can search and add correct problem. (Example: type **Anemia** click add and then **accept**)
15. Click **Assign Plan**.

Therapy Plan Properties - BLOOD ADMIN ADULT

Plan name: BLOOD ADMIN AD

Plan start date: [Red Stop Sign]

Lead provider: [Warning Sign]

Treatment department: HHN HCC OP INFUSION

Problems associated with this treatment are: [Red Stop Sign] None.

| Code | Description | Most Recent Stage | Overview | Resolves To |
|--------------------------------|------------------------------------------------------------------|-------------------|-------------------|-------------|
| <input type="checkbox"/> I44.2 | Complete heart block (HCC) | | | |
| <input type="checkbox"/> K22.8 | Esophageal dilatation | | | |
| <input type="checkbox"/> R11.2 | Intractable nausea and vomiting | | | |
| <input type="checkbox"/> D50.0 | Iron deficiency anemia due to chronic blood loss | | | |
| <input type="checkbox"/> Z95.2 | Mitral valve replaced | | | |
| <input type="checkbox"/> Z95.2 | History of prosthetic aortic valve replacement | | | |
| <input type="checkbox"/> D69.6 | Thrombocytopenia (HCC) | | | |
| <input type="checkbox"/> D51.0 | Vitamin B12 deficiency anemia due to intrinsic factor deficiency | | Pernicious anemia | |

Add a new problem [Add]

[Add to favorites] [Assign Plan] [Cancel]

16. To give blood products, minimally there must be **FIVE orders**:

- **Consent**
- **Treatment Condition**
- **Type and Screen**
- **Blood Product**
- **Transfuse**
- Additional orders, such as **medications and labs**, may also be ordered.

17. To orders these items, **check** the box next to the item.

18. Under **Pre Procedure**, choose the correct Consent that applies to the patient. To select the consent **single click in the box**.

| | Interval | Duration | Due |
|-----------------------------------------------------------------------------------------------------------------------------------------|---------------|----------|---------------|
| <input type="checkbox"/> Patient consents to transfusion ONLY OF SELECTED blood products. Informed consent (PARQ) discussion completed. | Every 30 days | | Thu 4/11/2019 |
| <input checked="" type="checkbox"/> Patient consents to all blood products. Informed consent (PARQ) discussion completed | Every 30 days | | Thu 4/11/2019 |
| <input type="checkbox"/> Patient consents to all blood products. PARQ discussion previously completed/documented. | Every 30 days | | Thu 4/11/2019 |

19. Under **Pre-Medications**, if you want to administer Benadryl notice, the route is **Oral**.

Pre-Medications ↑ Move Up

- acetaminophen (TYLENOL) tablet 650 mg
650 mg, Oral, ONCE, Starting when released, For 1 dose
Maximum dose of acetaminophen is 4000 mg from all sources in 24 hours.
- diphenhydrAMINE (BENADRYL) capsule 25 mg
25 mg, **Oral**, ONCE, Starting when released, For 1 dose

20. If you click on the **hyperlink** to open order it only gives you certain **options for route not intravenous**.

Category Select

Search:

- ▲ Title
- Oral
- Per G Tube
- Per J Tube
- Per NG tube

21. If you want to administer **IV** Benadryl, do not check the box next to the oral Benadryl.

22. To add an order, go to the top of the Transfusion Plan Section.

23. In the **Add a new order** search field, type **Benadryl Inj** and click **enter**.

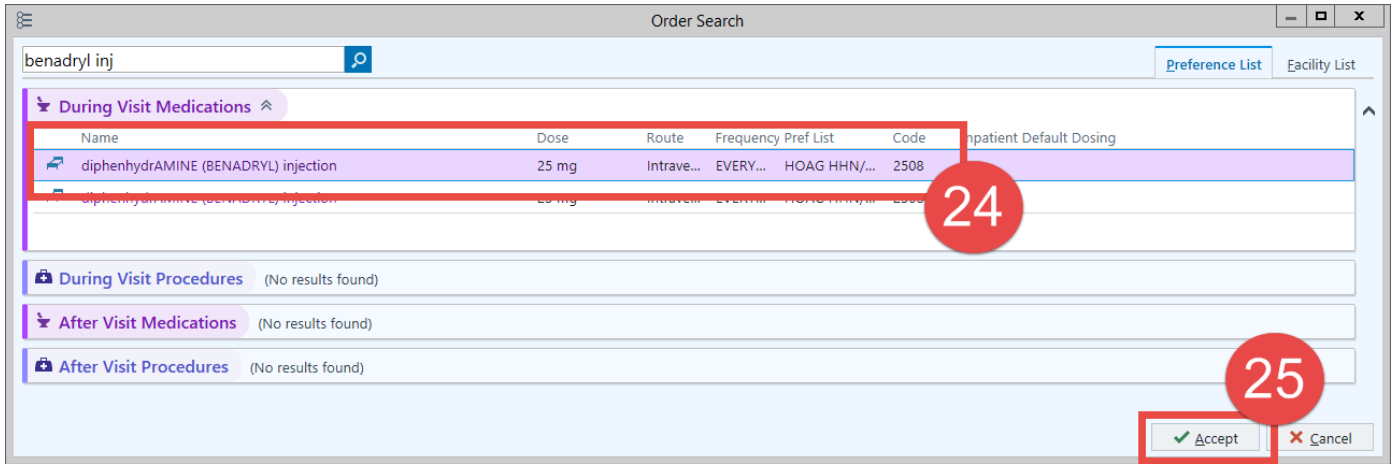
Transfusion Plan

BLOOD ADMIN ADULT Plan start: 4/11/2019 - Properties

+ Order

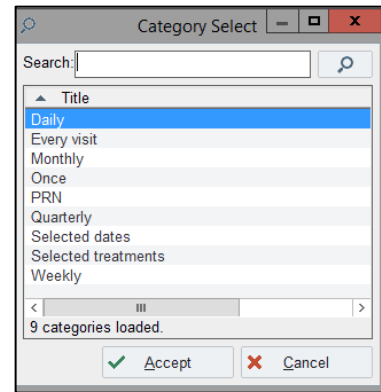
24. Next choose **correct dosage** and route.

25. Click **Accept**.



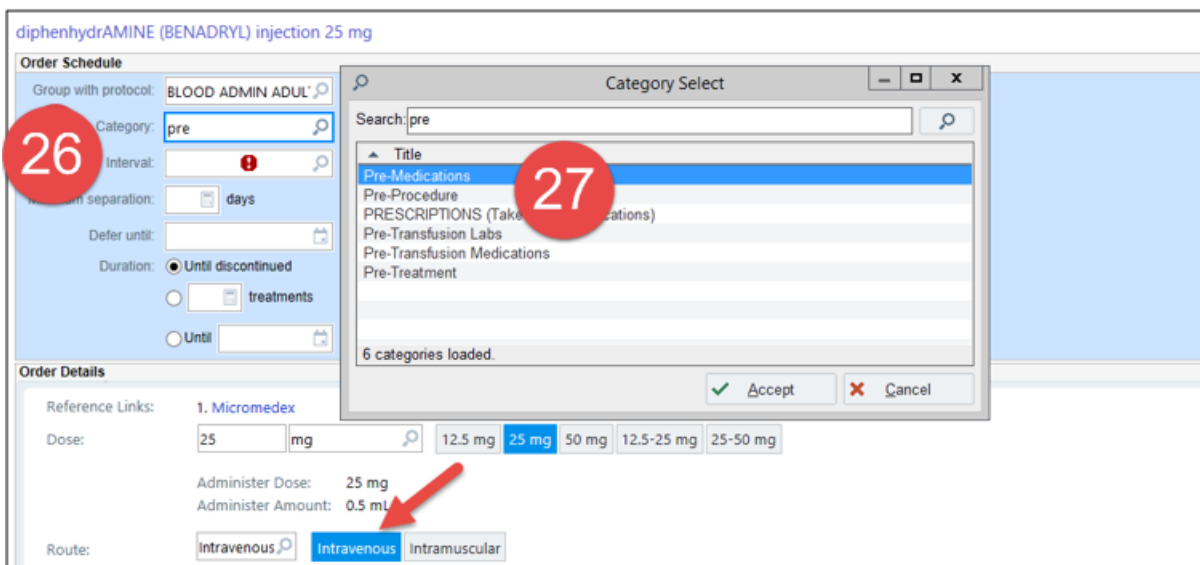
26. Notice mandatory areas: **category** and **interval**.

- For interval, you choose how often you would like them to come for blood transfusions. **(See choices to the right)**



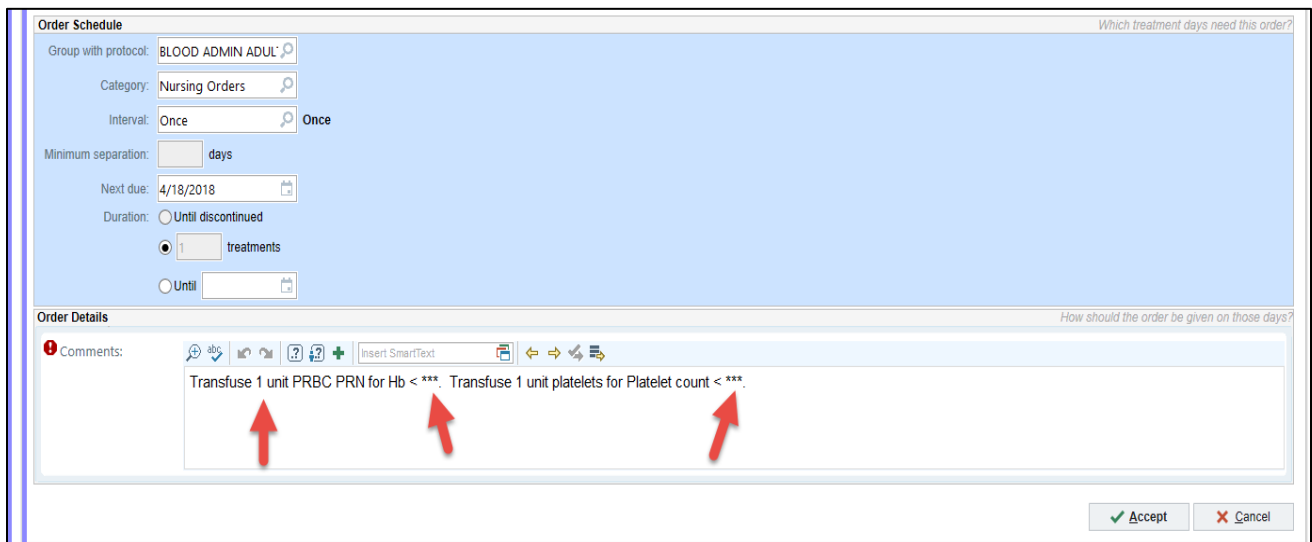
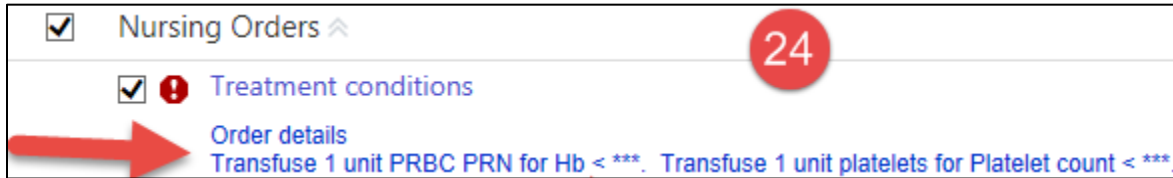
27. For category, you want to type **pre** and choose **pre-medications** and click **accept**.

- Notice route says intravenous and click **accept**.

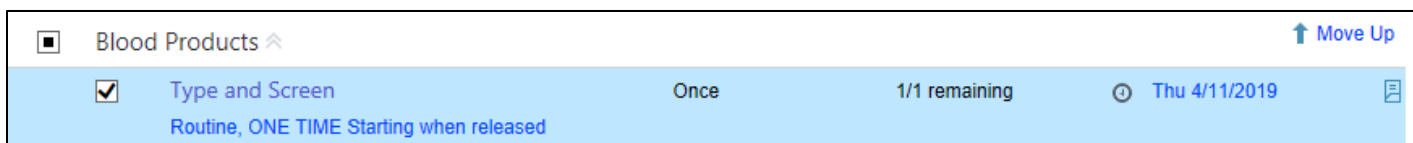


28. For Nursing Orders treatment conditions, click **hyperlink** to address parameters for your Hemoglobin and platelet count. **Notice the *****. Address the *** (wildcard) and type in parameters. Delete the statement that that is not needed and click **Accept**.

- **Note: Remember to put the amount of units you want to transfuse.**



29. In the **Blood Products Section**, check the box next order the **Type and Screen**.



30. Check the box to enter order for **Blood Product (Red blood cells)**. The order composer is divided into two sections:

- Order Schedule** settings dictate how frequently the patient should return for this treatment and how long.
 - Interval determines how often (**ex: weekly would be 1 time a week**).
 - Duration determines how long an order will continue (**ex: 3 treatments**).
- Order Details** settings determine how the order is given when the patient comes in for treatment.

- Frequency determines how many times the order is administered or performed on the day of treatment.
- Also must address the number of units and the indication for why their getting the blood transfusion. Click **Accept**.

The screenshot displays a medical order form with two main sections: 'Order Schedule' and 'Order Details'.

Order Schedule Section:

- Group with protocol: BLOOD ADMIN ADUL
- Category: Blood Products
- Interval: Weekly (1 time a week) - **Red arrow points here.**
- Every 1 weeks on:
 - Specific days: Sun, Mon, Tue, Wed, Thu, Fri, Sat (all unchecked)
 - Any day 1 times a week (selected)
- Minimum separation: days
- Defer until:
- Duration:
 - Until discontinued
 - 3 treatments (selected) - **Red arrow points here.**
 - Until

Order Details Section:

- Last Resulted:
- Priority: Routine (selected), STAT
- Frequency: ONE TIME (selected), 1 Time
- Starting: S, Today (selected), Tomorrow
- At:
- Starting when released (highlighted in yellow)
- Specimen Src:
- Priority: Routine (selected), STAT
- Units to crossmatch: - **Red arrow points here.**
- Indication: - **Red arrow points here.**

31. Check the box to enter order for **Blood Transfuse (Red blood cells Transfuse)**. The order composer is divided into two sections:
- Order Schedule** settings dictate how frequently the patient should return for this treatment and how long.
 - Interval determines how often (**ex: weekly would be 1 time a week**).
 - Duration determines how long an order will continue (**ex: 3 treatments**)
 - Order Details** settings determine how the order is given when the patient comes in for treatment.

- Frequency determines how many times the order is administered or performed on the day of treatment.
- Also must address the **number of units** and the **indication** for why their getting the blood transfusion and **click Accept**.

Red Blood Cells-Transfuse

Order Schedule

Group with protocol: BLOOD ADMIN ADUL

Category: Blood Products

Interval: Weekly 1 time a week

Every 1 weeks on:

Specific days: Sun Mon Tue Wed Thu Fri Sat

Any day 1 times a week

Minimum separation: days

Defer until:

Duration: Until discontinued

3 treatments

Until

Order Details

Last Resulted:

Priority: Routine Routine STAT

Units to crossmatch

Indication

Special requirements

Transfuse each unit over: 1 hr 2 hr 3 hr 4 hr Bolus

- c. Scroll down to the Frequency Section. Be sure to select **the same number of units** in the Frequency section as in the Blood Product and Transfuse orders.

Frequency: Transfuse 2 units 1 unit 2 units 3 units 4 units

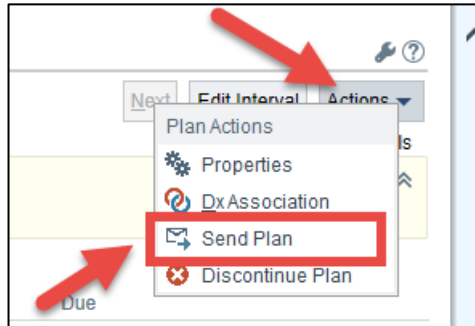
For: 2 Until Specified Occurrences Hours Days Weeks

Starting: S Today Tomorrow At:

Ending:

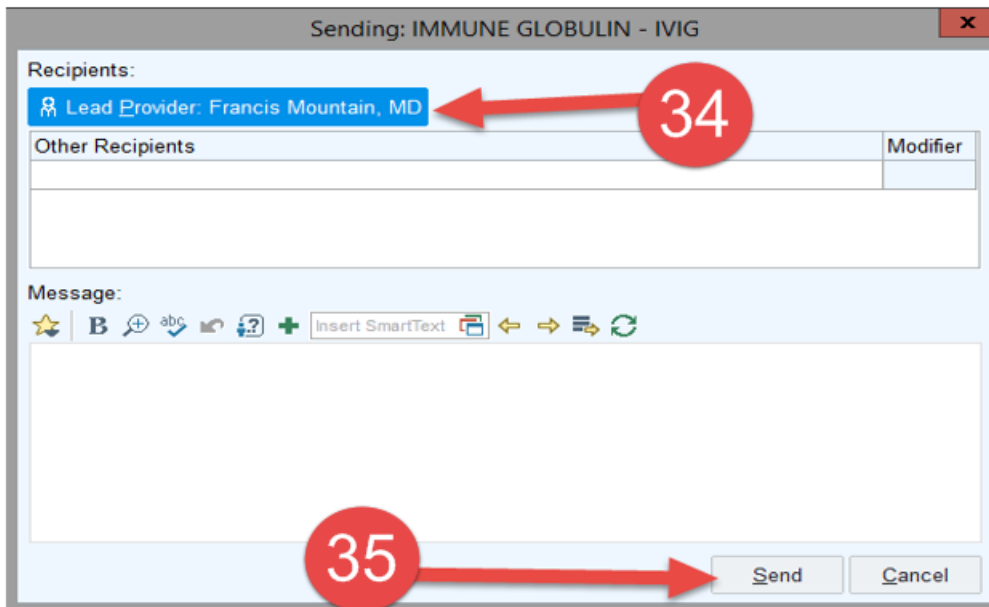
32. Confirm all orders are **selected** with a check mark.

33. Once the plan is complete, on the top right click the **Actions Button**, and select **Send Plan**. (It's the 3rd option.)



34. Under recipient, make sure you see **correct physicians** name or search for your provider you want to send the plan to.

35. Click **Send**.



Last step is to click **Sign Visit** to close the open encounter.

36. On the bottom right, click **Sign Encounter**.

The screenshot displays a medical software interface for a treatment plan. The main content area shows a plan for ZOMETA, starting on 4/11/2019. Below the plan name, there is a section for 'Additional Orders' which is currently 'Not Signed'. This section contains two items: an infusion of zoledronic acid (ZOMETA) 4 mg in sodium chloride 0.9% 100 mL IVPB, and a 'Comprehensive Metabolic Panel' lab test. The interface includes various navigation and action buttons such as 'Next', 'Edit Interval', 'Actions', 'Previous', and 'Next'. At the bottom right, a button labeled 'SIGN ENCOUNTER' is highlighted with a red box and a red arrow pointing to it from the center of the screen.

For questions, please email the Training Team at training@hoag.org.