

## ORDERING

# MASSIVE TRANSFUSION PROTOCOL

# Ordering MASSIVE TRANSFUSION PROTOCOL

3 phases

1. MTP1 Activation
2. MTP Post Transfusion Labs
3. MTP2 Optimization

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The screenshot displays a medical software interface. At the top, there is a menu bar with options like 'Task', 'Edit', 'View', 'Patient', 'Chart', 'Links', 'Notifications', 'Navigation', and 'Help'. Below this is a toolbar with various icons for functions such as 'Home', 'MyExperience', 'Ambulatory Organizer', 'Autotext Copy', 'Patient List', 'Cardiovascular', 'Case Selection', 'Dynamic Workli', 'Tear Off', 'Suspend', 'Exit', 'Calculator', 'AdHoc', 'Medication Administration', 'Specimen Collection', and 'PM Conversation'. The main header area shows the patient name 'ZZZTEST, DONOTUSE SCBBPROFONE' and their MRN: 11963472, DOB: 01/Apr/1985, and Isolation: <No Data Available>. A 'Menu' sidebar on the left lists various views: Prescriber View, Nurse View, Outpatient View, Women's Health View, Therapist View (Rehabilitation), Allied and Mental Health Summary, Perioperative View, Inpatient View, Pharmacist Workflow, Orders, Medication List, Documentation, Notes, and Form Browser. The 'Orders' item is highlighted with a yellow box, and a '+ Add' button is visible next to it. The main content area shows 'Inpatient Workflow' and 'INPT Quick Orders' tabs. The 'Chief Complaint' section has a text input field 'Enter Chief Complaint'. The 'Care Team' section shows a table with columns for 'Role/Relationship' and 'Cross-Visits', with 'Primary Care Physician' listed. The 'Histories' section has tabs for 'Procedure', 'Family', and 'Social'.

**Beside ORDERS, click +ADD**

# Ordering MASSIVE TRANSFUSION PROTOCOL

The screenshot shows a medical software interface with a patient record for ZZZTEST, DONOTUSE SCBBPROFONE (MRN: 11963472, DOB: 01/Apr/1985). An 'Add Order' window is open, displaying a search bar with 'mtp' and a dropdown menu listing various Massive Transfusion Protocol (MTP) options, including MTP1 and MTP2 with Code Omega activation and optimization, and various mercaptopurine dosages. The search bar is highlighted with a yellow box.

**Order window opens, search MTP**

# Ordering MASSIVE TRANSFUSION PROTOCOL: MTP1

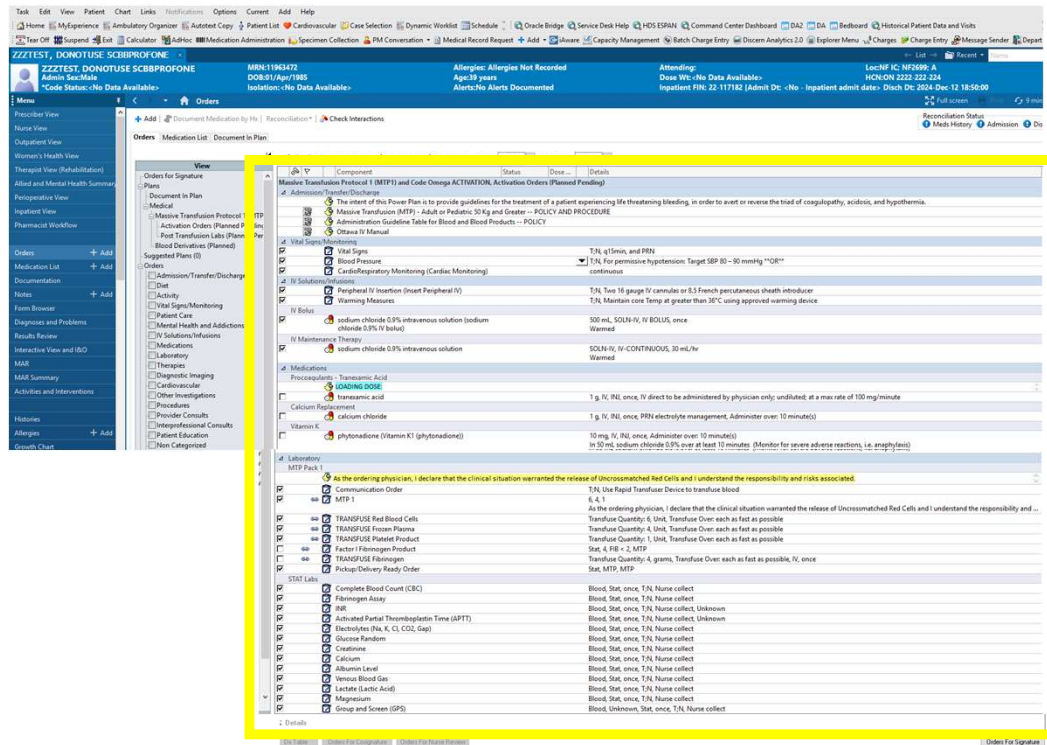
The screenshot shows the EMR interface for patient ZZZTEST, DONOTUSE SCBBPROFONE. The search results for 'mtp' include:

- Massive Transfusion Protocol 1 (MTP1) and Code Omega ACTIVATION
- Massive Transfusion Protocol 2 (MTP2) and Code Omega ACTIVATION
- Ear Meatoplasty
- Mastopexy
- mercaptopurine
- mercaptopurine (1.5 mg/kg, PO, TAB, Once)
- mercaptopurine (2.5 mg/kg, PO, TAB, Once)
- mercaptopurine (50 mg/m2, PO, TAB, Once)
- mercaptopurine (75 mg/m2, PO, TAB, Once)
- mercaptopurine (mg, PO, TAB, Once)
- mercaptopurine (mg, PO, TAB, Daily)
- mercaptopurine onc
- mercaptopurine onc (mg/m2, PO, Once, onc)
- 'Enter' to Search

**MTP1 Activation**  
for initiation of MTP as indicated by physician lead  
6u PRBC, 4u Plasma, 1u Platelet

To initiate MTP, select **MTP1**

# Ordering MASSIVE TRANSFUSION PROTOCOL: MTP1



**MASSIVE TRANSFUSION PROTOCOL 1 (MTP1) and Code Orange ACTIVATION, Activation Orders (Planned/Pending)**

The intent of this Power Plan is to provide guidelines for the treatment of a patient experiencing life-threatening bleeding, in order to avert or reverse the threat of coagulopathy, acidosis, and hypothermia.

Administration Guideline Table for Blood and Blood Products - POLCY

Obtain IV Manual

**Vital Signs/Monitoring**

- Vital Signs: T/N q15min, and PRN
- Blood Pressure: T/N For permissive hypotension. Target SBP 80 - 90 mmHg "OR" continuous
- CardioRespiratory Monitoring (Cardiac Monitoring)

**IV Solutions/Infusions**

- Peripheral IV Insertion (Insert Peripheral IV): T/N Two 16 gauge IV cannulae or 0.5 French percutaneous sheath introducer
- Warming Measures: T/N Maintain core Temp at greater than 36°C using approved warming device

**IV Bolus**

- sodium chloride 0.9% intravenous solution (sodium chloride 0.9% IV bolus): 500 mL, SOLN-IV, IV BOLUS, once, Warmed
- sodium chloride 0.9% intravenous solution: SOLN-IV, IV-CONTINUOUS, 30 mL/hr, Warmed

**Medications**

- Procoagulants: Transmexic Acid
  - transmexic acid: 1 g IV, IN, once, IV direct to be administered by physician only; undiluted; at a max rate of 100 mg/minute
- Calcium Replenishment: calcium chloride: 1 g IV, IN, once, PRN electrolyte management, Administer over 10 minutes
- Vitamin K: phytonadione (Vitamin K1 (phytonadione)): 10 mg, IV, IN, once, Administer over 10 minutes; In 30 mL sodium chloride 0.9% over at least 10 minutes (Monitor for severe adverse reactions, i.e. anaphylaxis)

**Laboratory**

MTP Pack 1

- As the ordering physician, I declare that the clinical situation warranted the release of Uncrossmatched Red Cells and I understand the responsibility and risks associated.
- Communication Order: T/N Use Rapid Transfuser Device to transfuse blood
- MTP 1: 4, 4, 1
- TRANSFUSE Red Blood Cells: As the ordering physician, I declare that the clinical situation warranted the release of Uncrossmatched Red Cells and I understand the responsibility and...
  - TRANSFUSE Fresh Plasma: Transfuse Quantity: 4 Unit, Transfuse Over: each as fast as possible
  - TRANSFUSE Platelet Product: Transfuse Quantity: 1 Unit, Transfuse Over: each as fast as possible
  - Factor Fibrinogen Product: Stat, 4 FIB < 2, MTP
  - TRANSFUSE Fibrinogen: Transfuse Quantity: 4 grams, Transfuse Over: each as fast as possible, IV, once
  - Stat, MTP, MTP

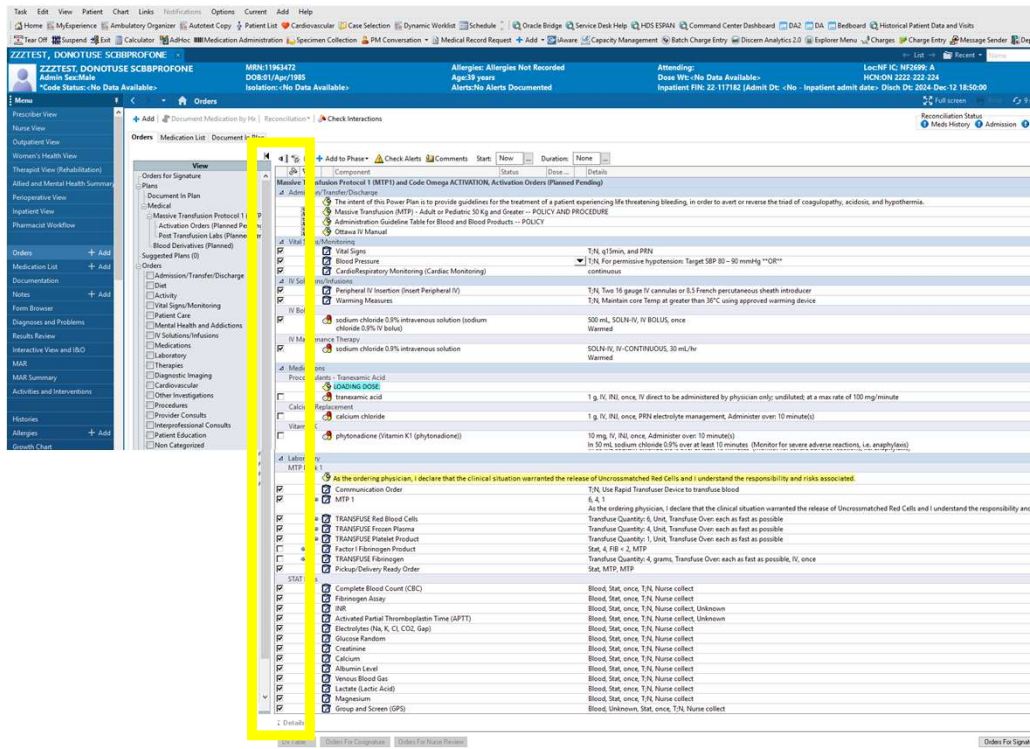
**STAT Lab**

- Complete Blood Count (CBC): Blood, Stat, once, T/N, Nurse collect
- Fibrinogen Assay: Blood, Stat, once, T/N, Nurse collect
- INR: Blood, Stat, once, T/N, Nurse collect, Unknown
- Activated Partial Thromboplastin Time (APTT): Blood, Stat, once, T/N, Nurse collect, Unknown
- Electrolytes (Na, K, Cl, CO2, Gap): Blood, Stat, once, T/N, Nurse collect
- Glucose Random: Blood, Stat, once, T/N, Nurse collect
- Creatinine: Blood, Stat, once, T/N, Nurse collect
- Calcium: Blood, Stat, once, T/N, Nurse collect
- Albumin Level: Blood, Stat, once, T/N, Nurse collect
- Venous Blood Gas: Blood, Stat, once, T/N, Nurse collect
- Lactate (Lactic Acid): Blood, Stat, once, T/N, Nurse collect
- Magnesium: Blood, Stat, once, T/N, Nurse collect
- Group and Screen (G/S): Blood, Unknown, Stat, once, T/N, Nurse collect

## MTP1 PowerPlan



# Ordering MASSIVE TRANSFUSION PROTOCOL: MTP1



The screenshot displays a medical software interface with a list of orders for a Massive Transfusion Protocol (MTP1). A yellow box highlights the first 10 items in the list, which are pre-selected. The items include:

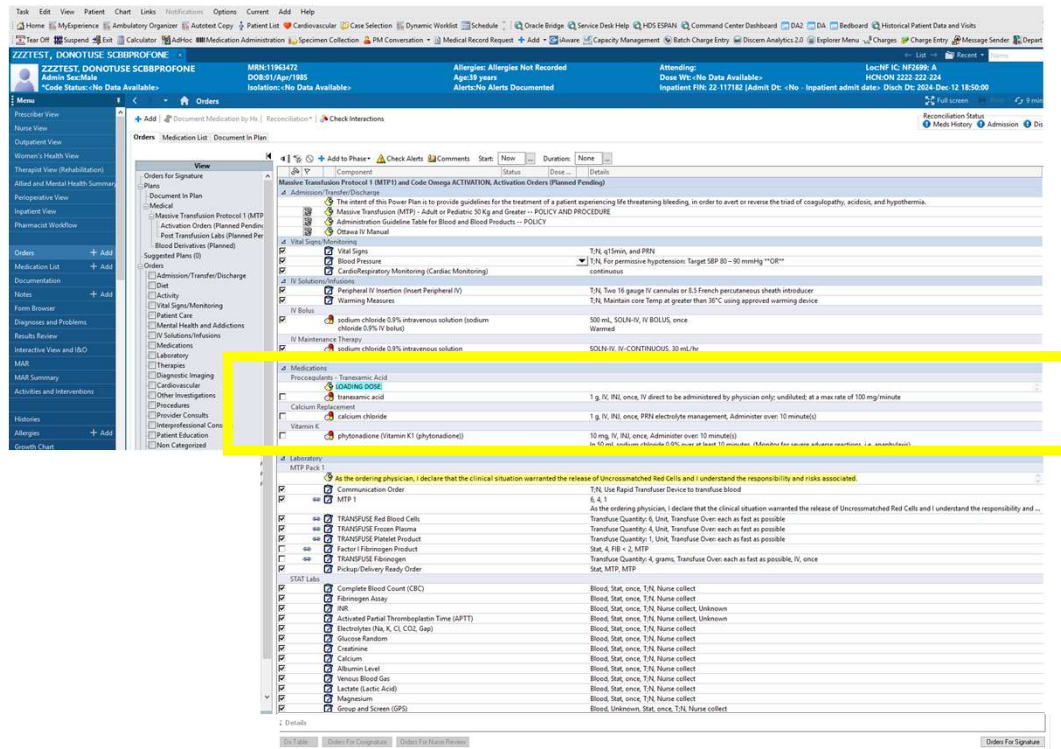
- Massive 1 (MTP1) and Code Orange ACTIVATION, Activation Orders (Planned/Pending)
- Vital Signs
- Blood Product
- CardioRespiratory Monitoring (Cardiac Monitoring)
- Peripheral IV Insertion (Insert Peripheral IV)
- Warming Measures
- sodium chloride 0.9% intravenous solution (sodium chloride 0.9% IV bolus)
- sodium chloride 0.9% intravenous solution
- Transfusion Therapy
- Transferrin

The interface also shows a navigation menu on the left and a patient information header at the top.

**MTP1 – multiple fields preselected**



# Ordering MASSIVE TRANSFUSION PROTOCOL: MTP1



The screenshot displays the 'Orders' section of a medical software interface. The 'Medications' list is highlighted in yellow, showing the following items:

- transuamic acid** 1 g IV, INL, once, IV direct to be administered by physician only; undiluted, at a max rate of 100 mg/minute
- Calcium Replenishment** 1 g IV, INL, once, PRN electrolyte management, Administer over 10 minutes
- phytonadione (Vitamin K1 (phytonadione))** 10 mg IV INL, once, Administer over 10 minutes; 10 mg IV, INL, once, Administer over 10 minutes; 10 mg PO, once, Administer over 10 minutes; 10 mg PO, once, Administer over 10 minutes

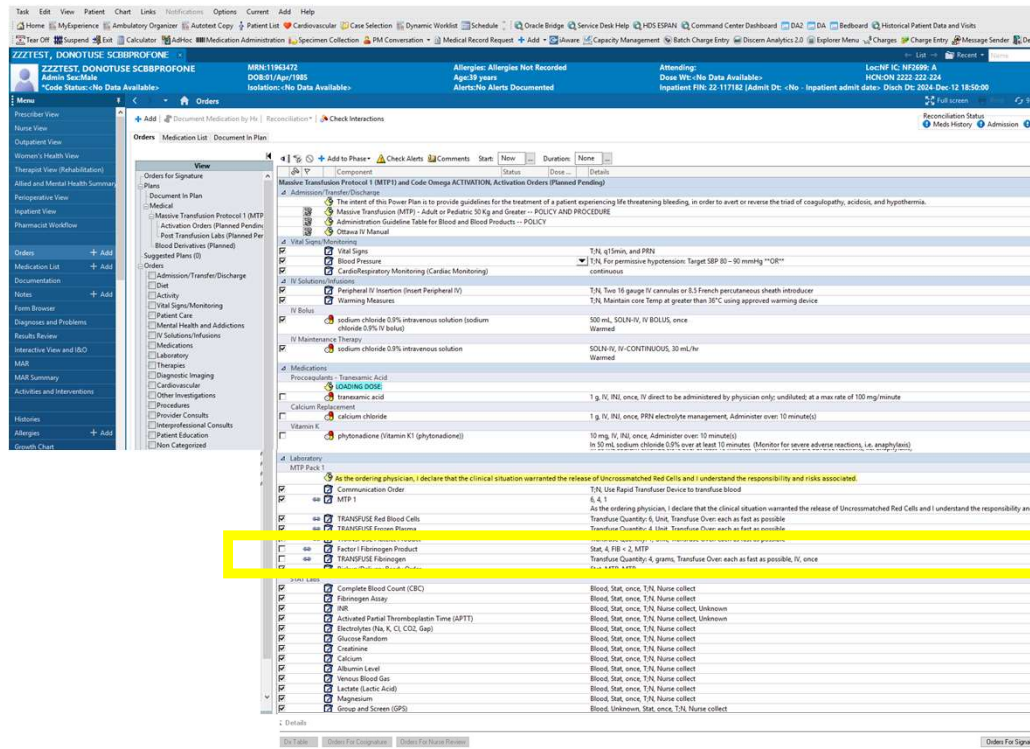
The 'MTP1' section is also visible, including:

- MTP1** 6 & 4 1
- TRANSPUSE Red Blood Cells** As the ordering physician, I declare that the clinical situation warranted the release of uncrossmatched Red Cells and I understand the responsibility and risks associated...
- TRANSPUSE Frozen Plasma** Transfuse Quantity: 4, Unit, Transfuse Over: each as fast as possible
- TRANSPUSE Platelet Product** Transfuse Quantity: 1, Unit, Transfuse Over: each as fast as possible
- Factor VIII/IX Product** Stat, 4 PB, + 2, MTP
- TRANSPUSE Fibrinogen** Transfuse Quantity: 4, grams, Transfuse Over: each as fast as possible, IV, once
- Pickup/Delivery Ready Order** Stat, MTP, MTP

If required, check **Medication** checkboxes to select

**MTP1 – additional field to select: Medications**

# Ordering MASSIVE TRANSFUSION PROTOCOL: MTP1



The screenshot displays the 'Massive Transfusion Protocol 1 (MTP1) and Code Orange ACTIVATION, Activation Orders (Planned/Pending)' form. The form is organized into several sections:

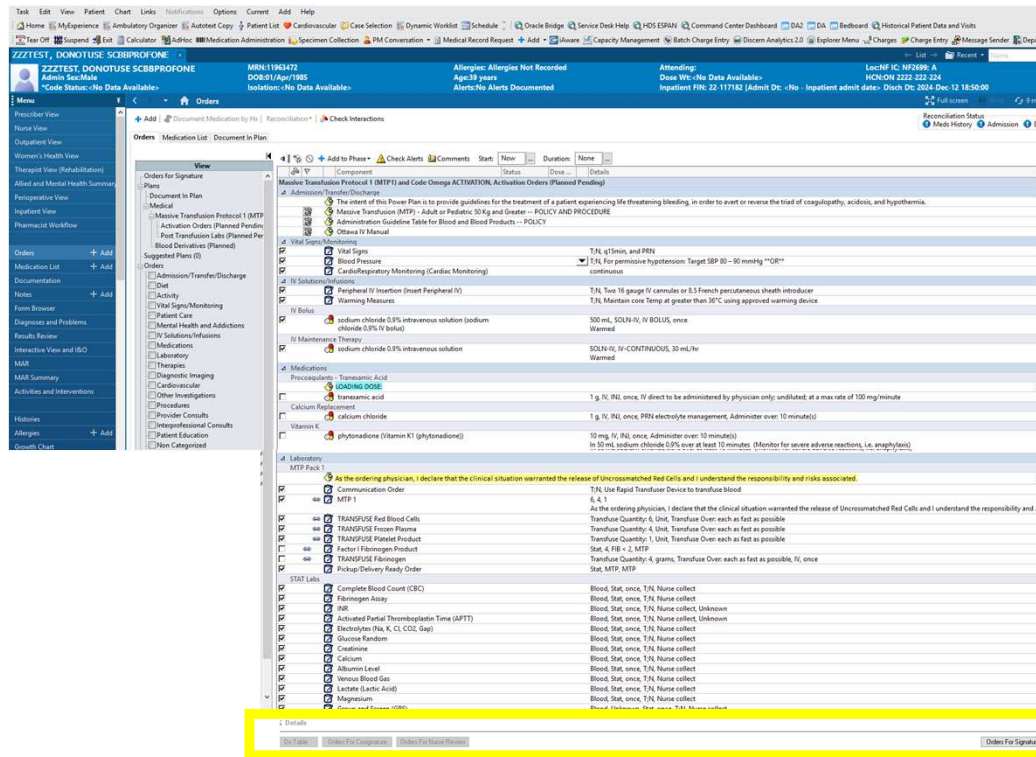
- Vital Signs:** Includes Vital Signs, Blood Pressure, and Cardiorespiratory Monitoring (Cardiac Monitoring).
- IV Solutions:** Includes Peripheral IV Insertion (Insert Peripheral IV), Warming Measures, and IV Bolus (sodium chloride 0.9% intravenous solution).
- Medications:** Includes Processed/Transfused Acid (transuremic acid), Calcium Requirement (calcium chloride), and Vitamin K (phytonadione).
- Laboratory:** Includes MTP Pack 1, Communication Order, MTP1, TRANSFUSE Red Blood Cells, TRANSFUSE Fibrinogen, TRANSFUSE Fibrinogen Product, Complete Blood Count (CBC), Fibrinogen Assay, INR, Activated Partial Thromboplastin Time (APTT), Electrolytes (Na, K, CL, CO2, gap), Glucose Random, Creatinine, Calcium, Albumin Level, Venous Blood Gas, Lactate Lactic Acid, Magnesium, and Group and Screen (SPS).

A yellow box highlights the 'Fibrinogen Product' checkbox under the Laboratory section, which is currently unchecked.

If required, check **Fibrinogen Product** AND check **Transfuse Fibrinogen** checkboxes to select

**MTP1 – additional field to select: Fibrinogen**

# Ordering MASSIVE TRANSFUSION PROTOCOL: MTP1

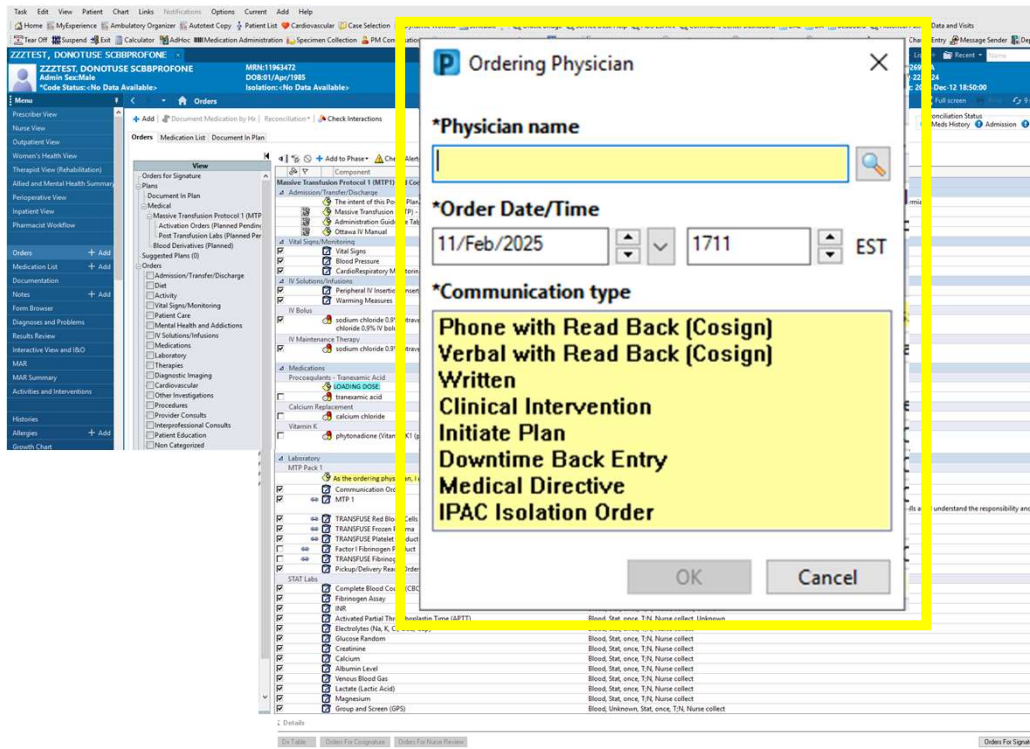


The screenshot shows the EMR interface for a patient named ZZZTEST, DONOTUSE SCBBPROFONE. The 'Orders' tab is active, displaying a list of orders for the Massive Transfusion Protocol 1 (MTP1). The orders are categorized into Medications, Laboratory, and STAT Lab. A yellow box highlights the 'Orders for Signature' button at the bottom of the screen.

Category	Order Name	Details
Medications	Massive Transfusion Protocol 1 (MTP1) and Code Orange ACTIVATION, Activation Orders (Planned/Pending)	The intent of this Power Plan is to provide guidelines for the treatment of a patient experiencing life-threatening bleeding, in order to avert or reverse the triad of coagulopathy, acidosis, and hypothermia.
Medications	Vital Signs	T/N q15min, and PRN
Medications	Blood Product	T/N For permissive hypotension, Target SBP 80-90 mmHg "COP" continuous
Medications	Cardiorespiratory Monitoring (Cardiac Monitoring)	T/N
Medications	Peripheral IV Insertion (Insert Peripheral IV)	T/N Two 16 gauge IV cannulae or 1.5 French percutaneous sheath introducer
Medications	Warming Measures	T/N Maintain core Temp at greater than 36°C using approved warming device
Medications	sodium chloride 0.9% intravenous solution (sodium chloride 0.9% IV bolus)	500 mL, SOLN-IV, IV BOLUS, once
Medications	sodium chloride 0.9% intravenous solution	SOLN-IV, IV-CONTINUOUS, 30 mL/hr
Medications	transuremic acid	1 g IV, INL, once, IV direct to be administered by physician only; undiluted; at a max rate of 100 mg/minute
Medications	calcium chloride	1 g IV, INL, once, PRN electrolyte management, Administer over 10 minutes
Medications	phytonadione (Vitamin K1 (phytonadione))	10 mg, IV, INL, once, Administer over 10 minutes
Laboratory	Complete Blood Count (CBC)	Blood, Stat, once, T/N, Nurse collect
Laboratory	Fibrinogen Assay	Blood, Stat, once, T/N, Nurse collect
Laboratory	INR	Blood, Stat, once, T/N, Nurse collect, Unknown
Laboratory	Activated Partial Thromboplastin Time (APTT)	Blood, Stat, once, T/N, Nurse collect, Unknown
Laboratory	Electrolytes (Na, K, CL, CO2, gap)	Blood, Stat, once, T/N, Nurse collect
Laboratory	Glucose Random	Blood, Stat, once, T/N, Nurse collect
Laboratory	Creatinine	Blood, Stat, once, T/N, Nurse collect
Laboratory	Calcium	Blood, Stat, once, T/N, Nurse collect
Laboratory	Albumin Level	Blood, Stat, once, T/N, Nurse collect
Laboratory	Venous Blood Gas	Blood, Stat, once, T/N, Nurse collect
Laboratory	Lactate Lactic Acid	Blood, Stat, once, T/N, Nurse collect
Laboratory	Magnesium	Blood, Stat, once, T/N, Nurse collect
Laboratory	Prothrombin Time (PT/INR)	Blood, Stat, once, T/N, Nurse collect

**MTP1 – Click Orders for Signature**

# Ordering MASSIVE TRANSFUSION PROTOCOL: MTP1



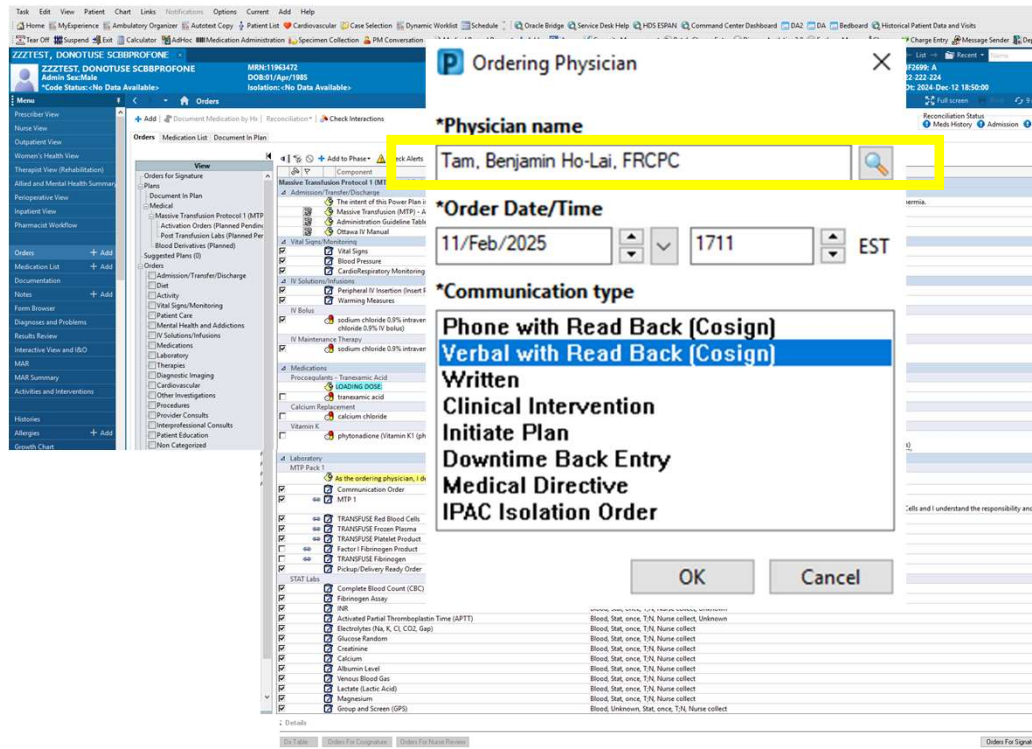
The screenshot displays the 'Ordering Physician' dialog box within a medical software application. The dialog box is highlighted with a yellow border and contains the following information:

- Physician name:** A text input field.
- Order Date/Time:** 11/Feb/2025 1711 EST.
- Communication type:** A list of options including:
  - Phone with Read Back (Cosign)
  - Verbal with Read Back (Cosign)
  - Written
  - Clinical Intervention
  - Initiate Plan
  - Downtime Back Entry
  - Medical Directive
  - IPAC Isolation Order

The background shows a patient record for 'ZZZTEST, DONOTUSE SCBBPPOFONE' with various medical orders and a list of laboratory tests.

**MTP1 – Order window opens**

# Ordering MASSIVE TRANSFUSION PROTOCOL: MTP1

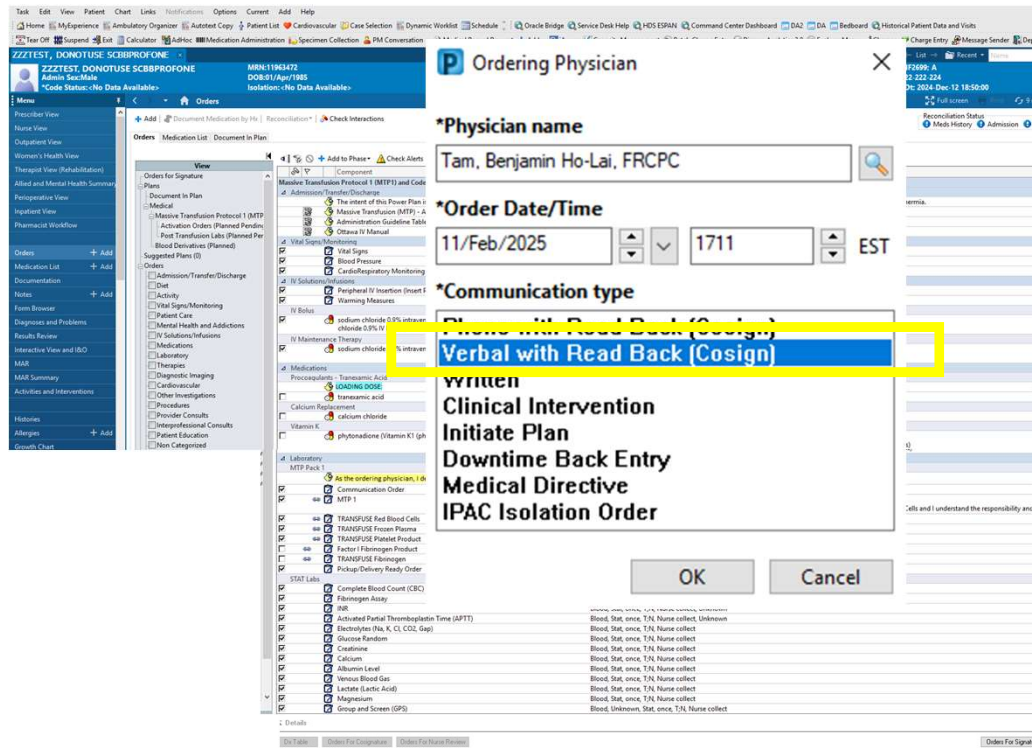


The screenshot shows the 'Ordering Physician' field in a software interface. The field is highlighted with a yellow box and contains the text 'Tam, Benjamin Ho-Lai, FRCPC'. Below this field, there are other form elements: 'Order Date/Time' set to '11/Feb/2025' at '1711' EST, and a 'Communication type' dropdown menu. The dropdown menu is open, showing several options: 'Phone with Read Back (Cosign)', 'Verbal with Read Back (Cosign)', 'Written', 'Clinical Intervention', 'Initiate Plan', 'Downtime Back Entry', 'Medical Directive', and 'IPAC Isolation Order'. The 'Verbal with Read Back (Cosign)' option is currently selected. At the bottom of the dropdown are 'OK' and 'Cancel' buttons. The background of the screenshot shows a complex medical interface with various tabs and lists, including 'Orders', 'Medication List', and 'Document in Plan'.

## MTP1 – Enter Physician Name



# Ordering MASSIVE TRANSFUSION PROTOCOL: MTP1

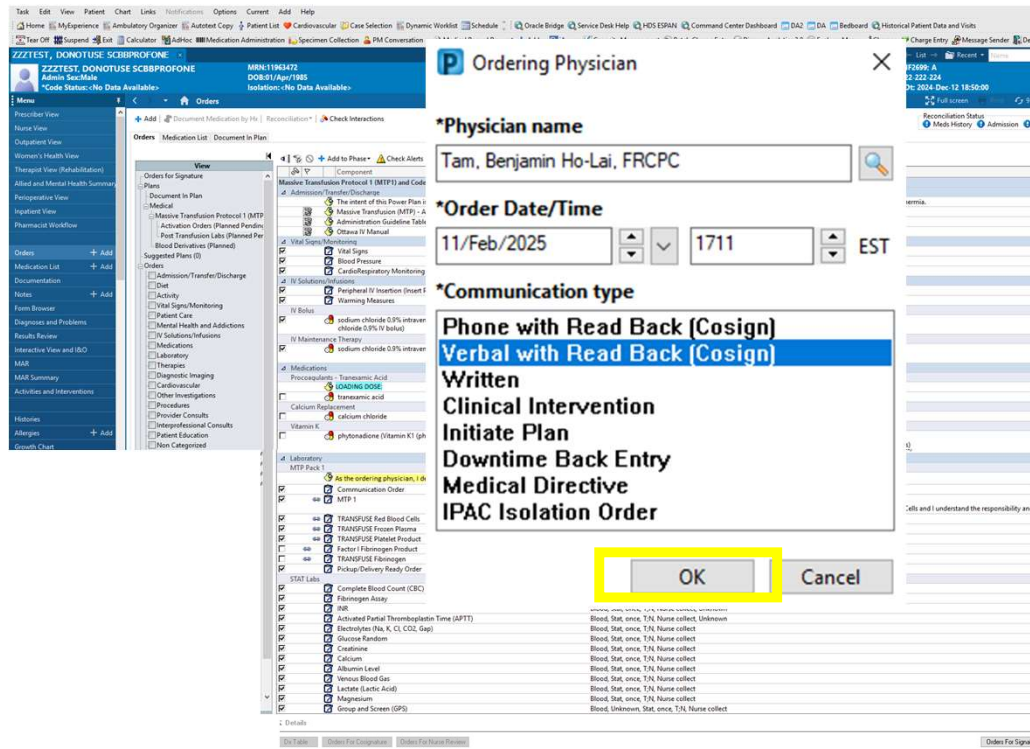


The screenshot shows the 'Ordering Physician' window in a medical software interface. The physician's name is 'Tam, Benjamin Ho-Lai, FRCPC'. The order date/time is '11/Feb/2025' at '1711' EST. The communication type is set to 'Verbal with Read Back (Cosign)'. The order includes 'MTP1' and 'TRANSFUSE Red Blood Cells'. The 'Communication type' dropdown menu is highlighted in yellow, showing options: 'Written', 'Clinical Intervention', 'Initiate Plan', 'Downtime Back Entry', 'Medical Directive', and 'IPAC Isolation Order'. The 'Verbal with Read Back (Cosign)' option is selected.

**MTP1 – Enter VERBAL for Communication Type**



# Ordering MASSIVE TRANSFUSION PROTOCOL: MTP1



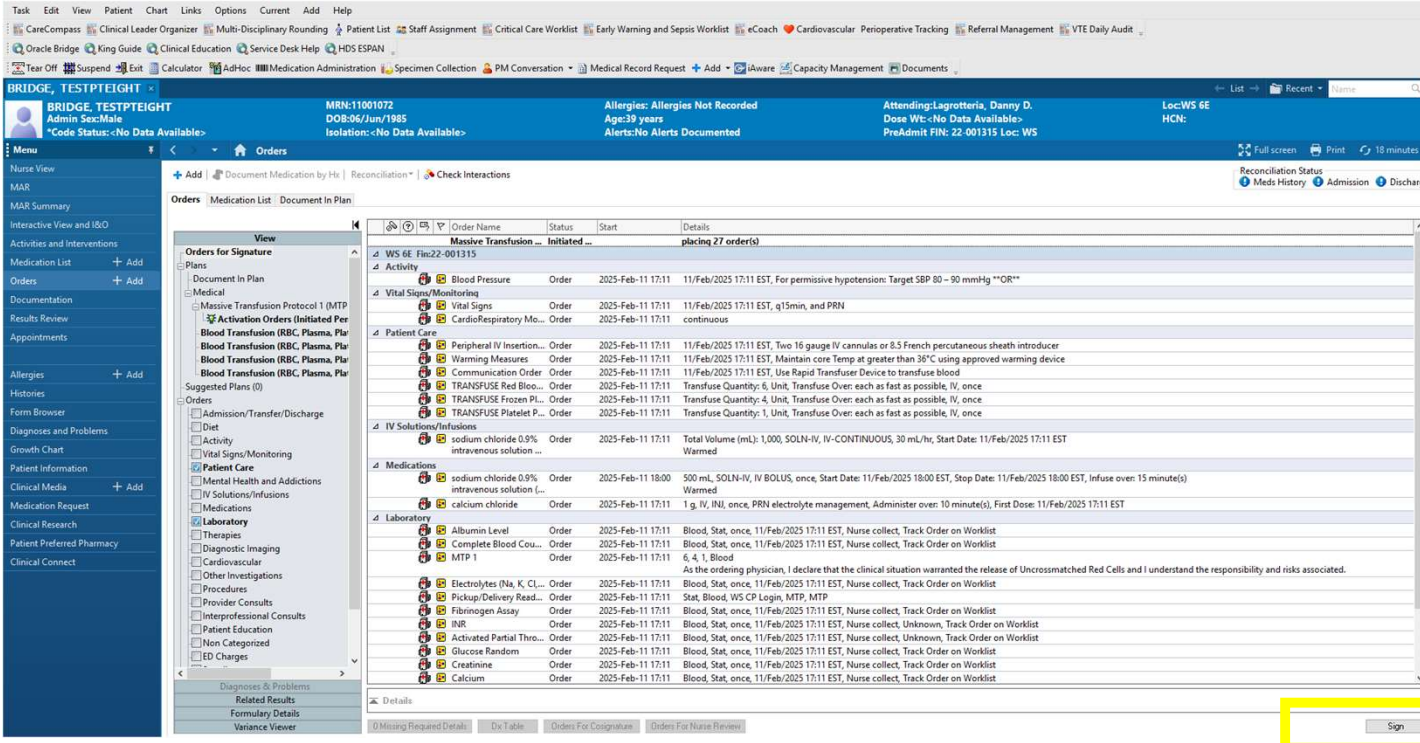
The screenshot displays the 'Ordering Physician' interface for a patient named 'ZZZTEST, DONOTUSE SCBBPROFONE'. The 'Communication type' dropdown menu is open, showing the following options:

- Phone with Read Back (Cosign)
- Verbal with Read Back (Cosign)** (highlighted)
- Written
- Clinical Intervention
- Initiate Plan
- Downtime Back Entry
- Medical Directive
- IPAC Isolation Order

The 'OK' button is highlighted with a yellow box. The 'Cancel' button is also visible. The background shows a list of medical orders, including 'MTP1' and 'TRANSFUSE Red Blood Cells'.

**MTP1 – Click OK**

# Ordering MASSIVE TRANSFUSION PROTOCOL: MTP1



The screenshot displays the EMR interface for ordering a Massive Transfusion Protocol (MTP1). The patient information header shows: BRIDGE, TESTPTEIGHT; MRN:11001072; Admin Sex:Male; DOB:06/Jun/1985; Allergies: Allergies Not Recorded; Age:39 years; Alerts:No Alerts Documented; Attending:Lagrotteria, Danny D.; Dose We:<No Data Available>; PreAdmit FIN: 22-001315 Loc: WS; Loc:WS 6E; HCN:.

The left sidebar menu includes options like Nurse View, MAR, MAR Summary, Interactive View and I&O, Activities and Interventions, Medication List, Orders, Documentation, Results Review, Appointments, Allergies, Histories, Form Browser, Diagnoses and Problems, Growth Chart, Patient Information, Clinical Media, Medication Request, Clinical Research, Patient Preferred Pharmacy, and Clinical Connect.

The main content area shows a table of orders under the heading "Orders Medication List Document In Plan". The table includes columns for Order Name, Status, Start, and Details. The orders listed include:

- Massive Transfusion (Initiated) - placing 27 order(s)
- Blood Pressure - Order - 2025-Feb-11 17:11 - 11/Feb/2025 17:11 EST, For permissive hypotension: Target SBP 80 - 90 mmHg \*\*OR\*\*
- Vital Signs/Monitoring - Order - 2025-Feb-11 17:11 - 11/Feb/2025 17:11 EST, q15min, and PRN
- CardioRespiratory Mo... - Order - 2025-Feb-11 17:11 - continuous
- Peripheral IV Insertion... - Order - 2025-Feb-11 17:11 - 11/Feb/2025 17:11 EST, Two 16 gauge IV cannulas or 8.5 French percutaneous sheath introducer
- Warming Measures - Order - 2025-Feb-11 17:11 - 11/Feb/2025 17:11 EST, Maintain core Temp at greater than 36°C using approved warming device
- Communication Order - Order - 2025-Feb-11 17:11 - 11/Feb/2025 17:11 EST, Use Rapid Transfuser Device to transfuse blood
- TRANSFUSE Red Bloo... - Order - 2025-Feb-11 17:11 - Transfuse Quantity: 6 Unit, Transfuse Over: each as fast as possible, IV, once
- TRANSFUSE Frozen Pl... - Order - 2025-Feb-11 17:11 - Transfuse Quantity: 4 Unit, Transfuse Over: each as fast as possible, IV, once
- TRANSFUSE Platelet P... - Order - 2025-Feb-11 17:11 - Transfuse Quantity: 1 Unit, Transfuse Over: each as fast as possible, IV, once
- IV Solutions/Infusions - sodium chloride 0.9% intravenous solution ... - Order - 2025-Feb-11 17:11 - Total Volume (mL): 1,000, SOLN-IV, IV-CONTINUOUS, 30 mL/hr, Start Date: 11/Feb/2025 17:11 EST, Warmed
- Medications - sodium chloride 0.9% intravenous solution (... - Order - 2025-Feb-11 18:00 - 500 mL, SOLN-IV, IV BOLUS, once, Start Date: 11/Feb/2025 18:00 EST, Stop Date: 11/Feb/2025 18:00 EST, Infuse over: 15 minute(s), Warmed
- calcium chloride - Order - 2025-Feb-11 17:11 - 1 g, IV, INJ, once, PRN electrolyte management, Administer over: 10 minute(s), First Dose: 11/Feb/2025 17:11 EST
- Laboratory - Albumin Level - Order - 2025-Feb-11 17:11 - Blood, Stat, once, 11/Feb/2025 17:11 EST, Nurse collect, Track Order on Worklist
- Complete Blood Cou... - Order - 2025-Feb-11 17:11 - Blood, Stat, once, 11/Feb/2025 17:11 EST, Nurse collect, Track Order on Worklist
- MTP 1 - Order - 2025-Feb-11 17:11 - 6, 4, 1, Blood
- As the ordering physician, I declare that the clinical situation warranted the release of Uncrossmatched Red Cells and I understand the responsibility and risks associated.
- Electrolytes (Na, K, CL... - Order - 2025-Feb-11 17:11 - Blood, Stat, once, 11/Feb/2025 17:11 EST, Nurse collect, Track Order on Worklist
- Pickup/Delivery Read... - Order - 2025-Feb-11 17:11 - Stat, Blood, WS CP Login, MTP, MTP
- Fibrinogen Assay - Order - 2025-Feb-11 17:11 - Blood, Stat, once, 11/Feb/2025 17:11 EST, Nurse collect, Track Order on Worklist
- INR - Order - 2025-Feb-11 17:11 - Blood, Stat, once, 11/Feb/2025 17:11 EST, Nurse collect, Unknown, Track Order on Worklist
- Activated Partial Thro... - Order - 2025-Feb-11 17:11 - Blood, Stat, once, 11/Feb/2025 17:11 EST, Nurse collect, Unknown, Track Order on Worklist
- Glucose Random - Order - 2025-Feb-11 17:11 - Blood, Stat, once, 11/Feb/2025 17:11 EST, Nurse collect, Track Order on Worklist
- Creatinine - Order - 2025-Feb-11 17:11 - Blood, Stat, once, 11/Feb/2025 17:11 EST, Nurse collect, Track Order on Worklist
- Calcium - Order - 2025-Feb-11 17:11 - Blood, Stat, once, 11/Feb/2025 17:11 EST, Nurse collect, Track Order on Worklist

The 'Sign' button is highlighted in a yellow box at the bottom right of the interface.

## MTP1 – Click Sign

# Ordering MASSIVE TRANSFUSION PROTOCOL

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3. MTP2 Optimization

# Ordering MASSIVE TRANSFUSION PROTOCOL: POST TRANSFUSION LABS

The screenshot displays a medical software interface for ordering a Massive Transfusion Protocol (MTP) Post Transfusion Labs. The interface includes a menu on the left, a patient information header, and a search dropdown menu with the selected option highlighted in yellow.

**Menu:**

- Prescriber View
- Nurse View
- Outpatient View
- Women's Health View
- Therapist View (Rehabilitation)
- Allied and Mental Health Summary
- Perioperative View
- Inpatient View
- Pharmacist Workflow
- Orders + Add
- Medication List + Add
- Documentation
- Notes + Add
- Form Browser
- Diagnoses and Problems
- Results Review
- Interactive View and I&O
- MAR
- MAR Summary

**Patient Information:**

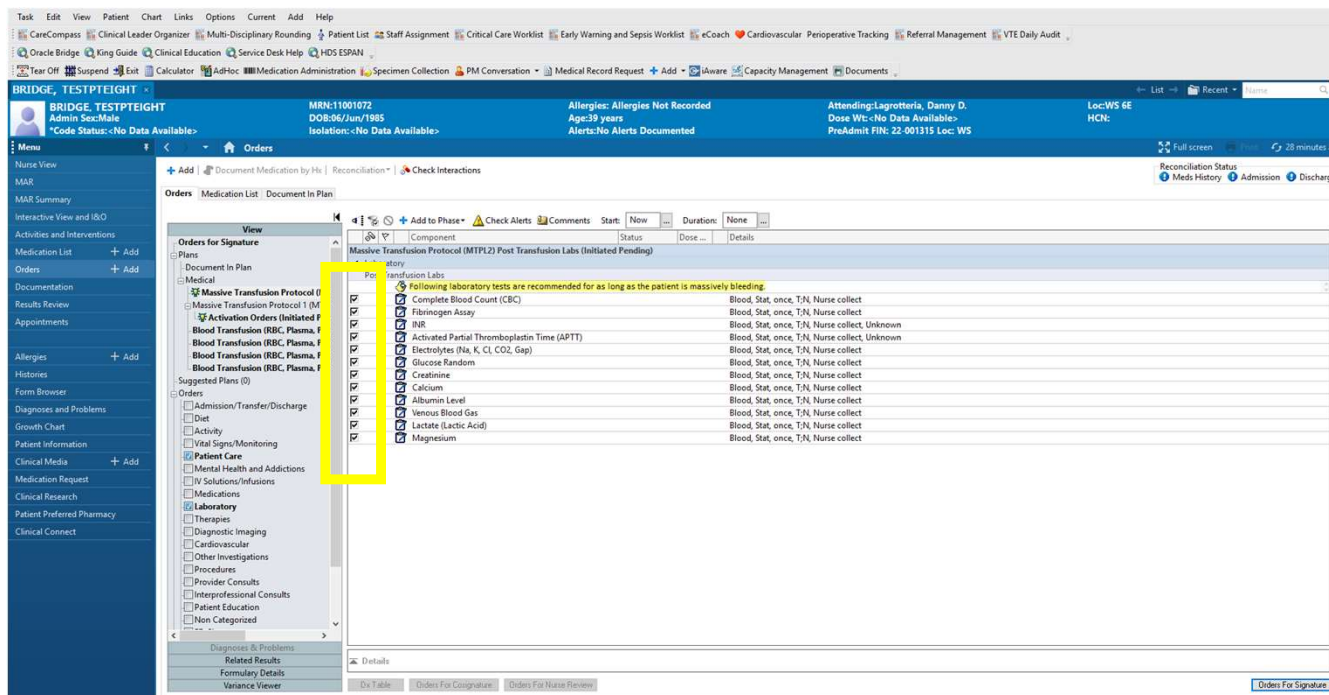
- ZZZTEST, DONOTUSE SCBBPROFONE
- MRN:11963472
- DOB:01/Apr/1985
- Admin Sex:Male
- Allergies: Allergies Not Recorded
- Age:39 years
- Attending: [Name]
- Dose Wt: <No Data Available>

**Search Results:**

- Massive Transfusion Protocol (MTP) Post Transfusion Labs
- Massive Transfusion Protocol 1 (MTP1) and Code Omega ACTIVATION
- Massive Transfusion Protocol 2 (MTP2) and Code Omega OPTIMIZATION
- Ear Meatoplasty
- Mastopexy
- mercaptopurine
- mercaptopurine (1.5 mg/kg, PO, TAB, Once)
- mercaptopurine (2.5 mg/kg, PO, TAB, Once)
- mercaptopurine (50 mg/m2, PO, TAB, Once)
- mercaptopurine (75 mg/m2, PO, TAB, Once)
- mercaptopurine (mg, PO, TAB, Once)
- mercaptopurine (mg, PO, TAB, Daily)
- mercaptopurine onc
- mercaptopurine onc (mg/m2, PO, Once, onc)
- Enter to Search

When appropriate order **MTP POST TRANSFUSION LABS**

# Ordering MASSIVE TRANSFUSION PROTOCOL: POST TRANSFUSION LABS



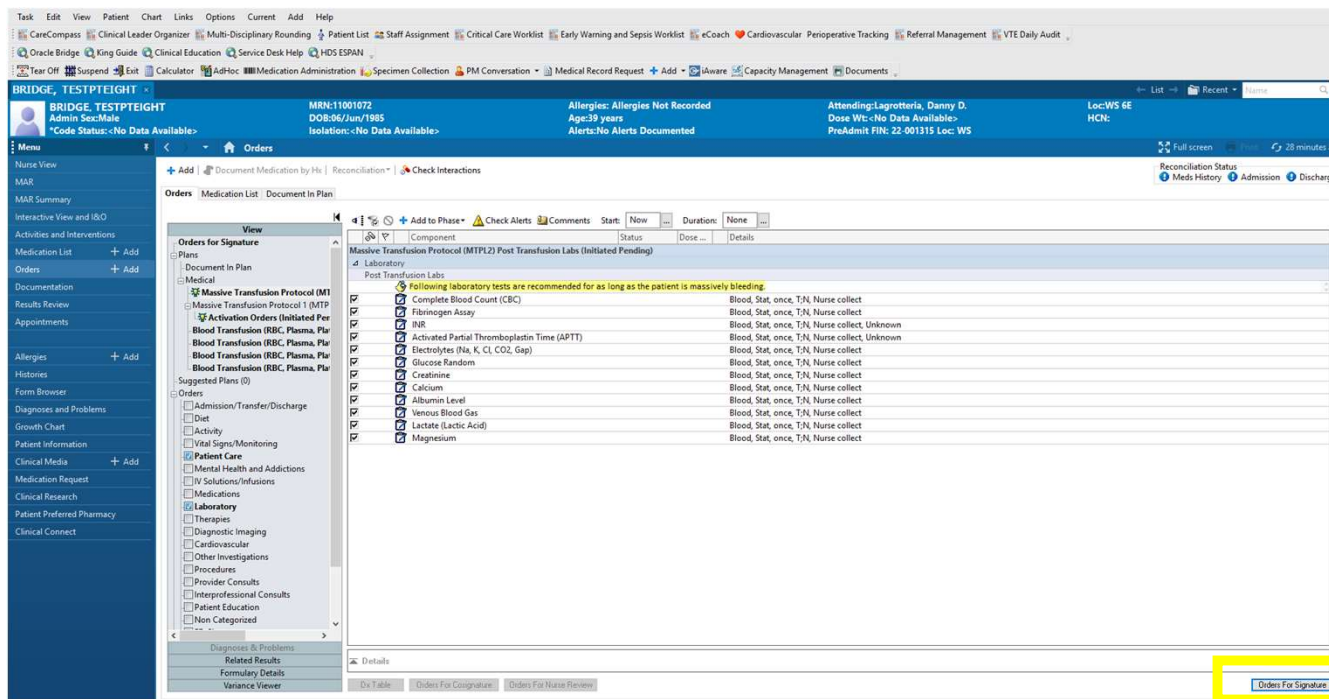
The screenshot displays the EMR interface for patient BRIDGE, TESTPTEIGHT. The 'Orders' section is active, showing a 'Massive Transfusion Protocol (MTP) Post Transfusion Labs (Initiated Pending)' order. A yellow box highlights the 'Post Transfusion Labs' section, which contains a list of laboratory tests with checkboxes indicating they are preselected. A note above the list states: 'Following laboratory tests are recommended for as long as the patient is massively bleeding.'

Test	Frequency	Collection
<input checked="" type="checkbox"/> Complete Blood Count (CBC)	Blood, Stat, once, T,N, Nurse collect	
<input checked="" type="checkbox"/> Fibrinogen Assay	Blood, Stat, once, T,N, Nurse collect	
<input checked="" type="checkbox"/> INR	Blood, Stat, once, T,N, Nurse collect, Unknown	
<input checked="" type="checkbox"/> Activated Partial Thromboplastin Time (APTT)	Blood, Stat, once, T,N, Nurse collect, Unknown	
<input checked="" type="checkbox"/> Electrolytes (Na, K, Cl, CO <sub>2</sub> , Gap)	Blood, Stat, once, T,N, Nurse collect	
<input checked="" type="checkbox"/> Glucose Random	Blood, Stat, once, T,N, Nurse collect	
<input checked="" type="checkbox"/> Creatinine	Blood, Stat, once, T,N, Nurse collect	
<input checked="" type="checkbox"/> Calcium	Blood, Stat, once, T,N, Nurse collect	
<input checked="" type="checkbox"/> Albumin Level	Blood, Stat, once, T,N, Nurse collect	
<input checked="" type="checkbox"/> Venous Blood Gas	Blood, Stat, once, T,N, Nurse collect	
<input checked="" type="checkbox"/> Lactate (Lactic Acid)	Blood, Stat, once, T,N, Nurse collect	
<input checked="" type="checkbox"/> Magnesium	Blood, Stat, once, T,N, Nurse collect	

**MTP POST TRANSFUSION LABS – multiple labs preselected**



# Ordering MASSIVE TRANSFUSION PROTOCOL: POST TRANSFUSION LABS



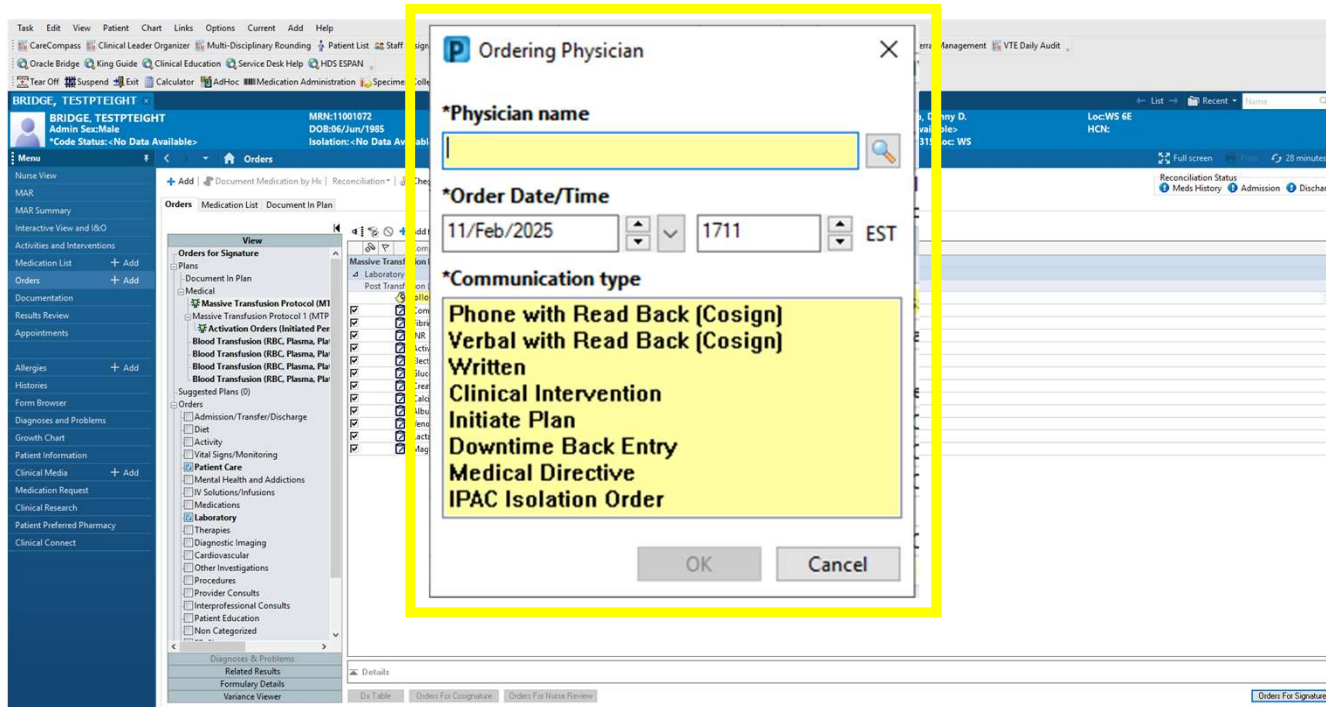
The screenshot shows the EMR interface for patient BRIDGE, TESTPTEIGHT. The 'Orders' section is active, displaying a list of orders. The 'Massive Transfusion Protocol (MTP) Post Transfusion Labs' order is selected, showing a list of laboratory tests with checkboxes for each. A yellow box highlights the 'Orders For Signature' button at the bottom right of the order details.

Component	Status	Dose	Details
Massive Transfusion Protocol (MTP) Post Transfusion Labs (Initiated Pending)			
Laboratory			
Post Transfusion Labs			
Following laboratory tests are recommended for as long as the patient is massively bleeding			
<input checked="" type="checkbox"/>	Complete Blood Count (CBC)	Blood, Stat, once, T,N, Nurse collect	
<input checked="" type="checkbox"/>	Fibrinogen Assay	Blood, Stat, once, T,N, Nurse collect	
<input checked="" type="checkbox"/>	INR	Blood, Stat, once, T,N, Nurse collect, Unknown	
<input checked="" type="checkbox"/>	Activated Partial Thromboplastin Time (APTT)	Blood, Stat, once, T,N, Nurse collect, Unknown	
<input checked="" type="checkbox"/>	Electrolytes (Na, K, Cl, CO <sub>2</sub> , Gap)	Blood, Stat, once, T,N, Nurse collect	
<input checked="" type="checkbox"/>	Glucose Random	Blood, Stat, once, T,N, Nurse collect	
<input checked="" type="checkbox"/>	Creatinine	Blood, Stat, once, T,N, Nurse collect	
<input checked="" type="checkbox"/>	Calcium	Blood, Stat, once, T,N, Nurse collect	
<input checked="" type="checkbox"/>	Albumin Level	Blood, Stat, once, T,N, Nurse collect	
<input checked="" type="checkbox"/>	Venous Blood Gas	Blood, Stat, once, T,N, Nurse collect	
<input checked="" type="checkbox"/>	Lactate (Lactic Acid)	Blood, Stat, once, T,N, Nurse collect	
<input checked="" type="checkbox"/>	Magnesium	Blood, Stat, once, T,N, Nurse collect	

**MTP POST TRANSFUSION LABS – Click Orders for Signature**

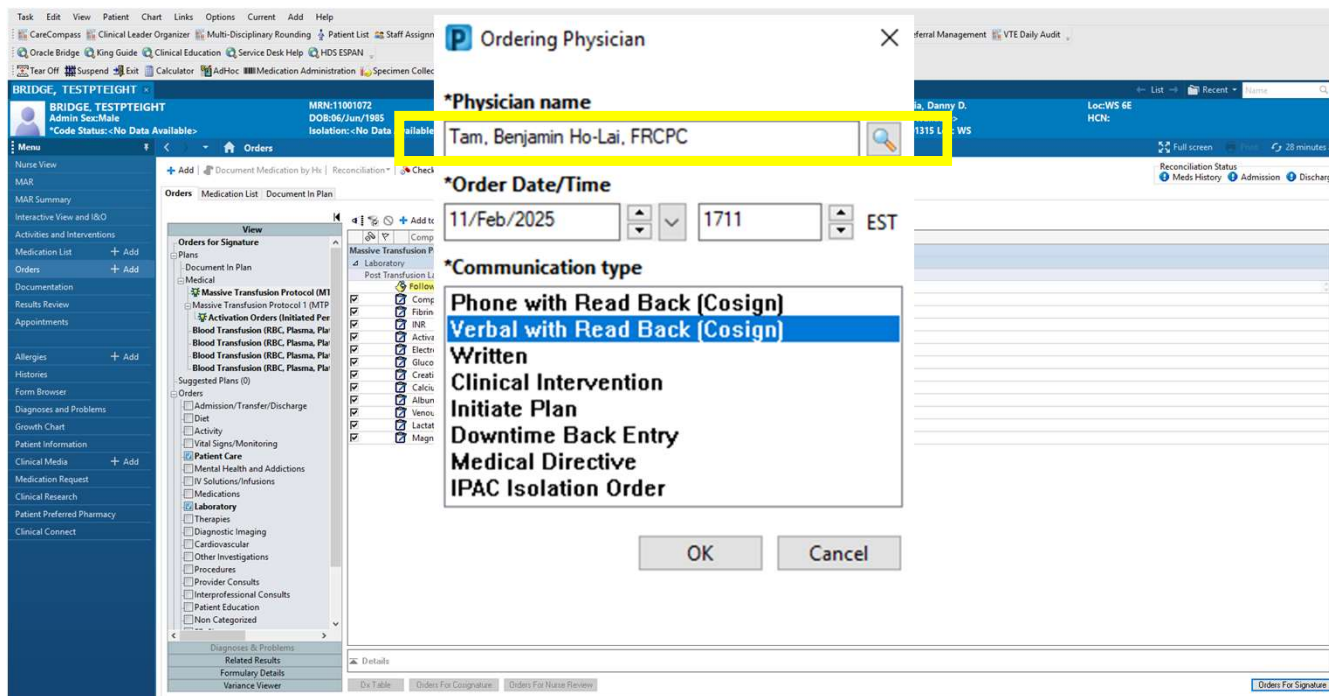


# Ordering MASSIVE TRANSFUSION PROTOCOL: POST TRANSFUSION LABS



**MTP POST TRANSFUSION LABS – Order window opens**

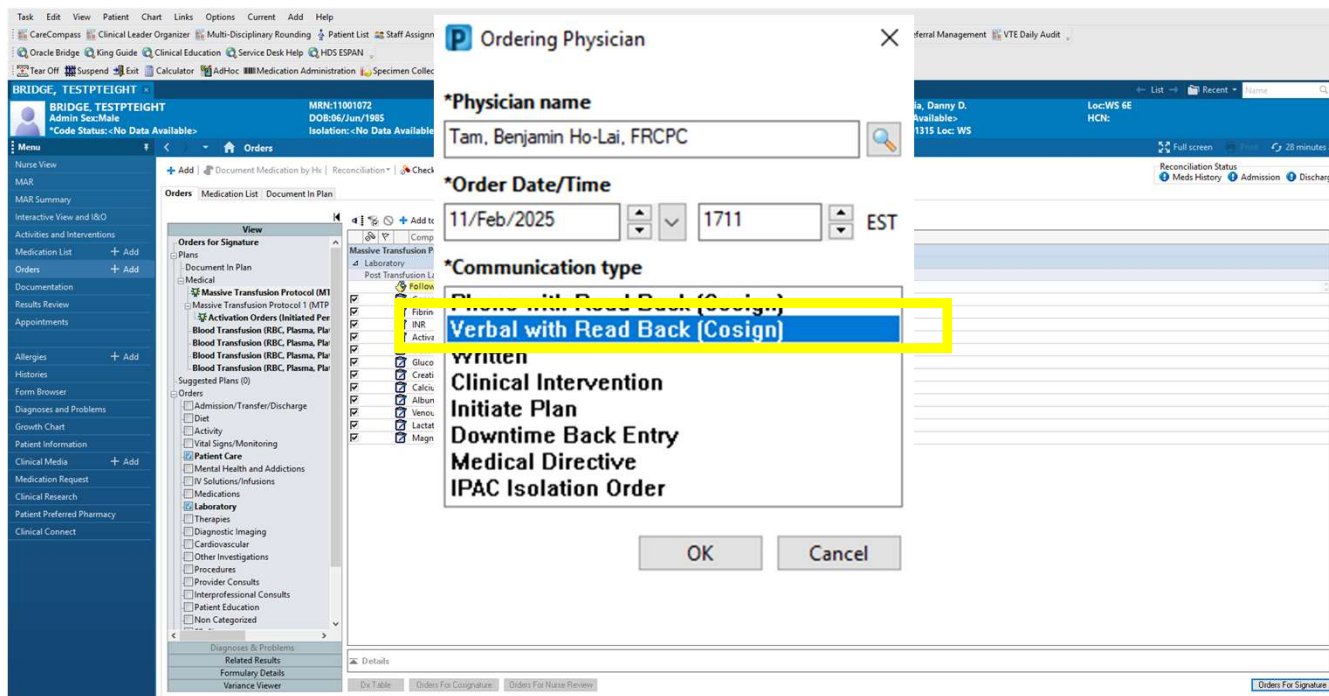
# Ordering MASSIVE TRANSFUSION PROTOCOL: POST TRANSFUSION LABS



The screenshot displays the 'Ordering Physician' dialog box within the EMR system. The 'Physician name' field is highlighted in yellow and contains the text 'Tam, Benjamin Ho-Lai, FRCPC'. Below this, the 'Order Date/Time' is set to '11/Feb/2025 1711 EST'. The 'Communication type' dropdown menu is open, showing a list of options: 'Phone with Read Back (Cosign)', 'Verbal with Read Back (Cosign)', 'Written', 'Clinical Intervention', 'Initiate Plan', 'Downtime Back Entry', 'Medical Directive', and 'IPAC Isolation Order'. The 'Verbal with Read Back (Cosign)' option is currently selected. The background shows the EMR interface for patient 'BRIDGE, TESTPTEIGHT' with MRN 11001072.

**MTP POST TRANSFUSION LABS – Enter Physician Name**

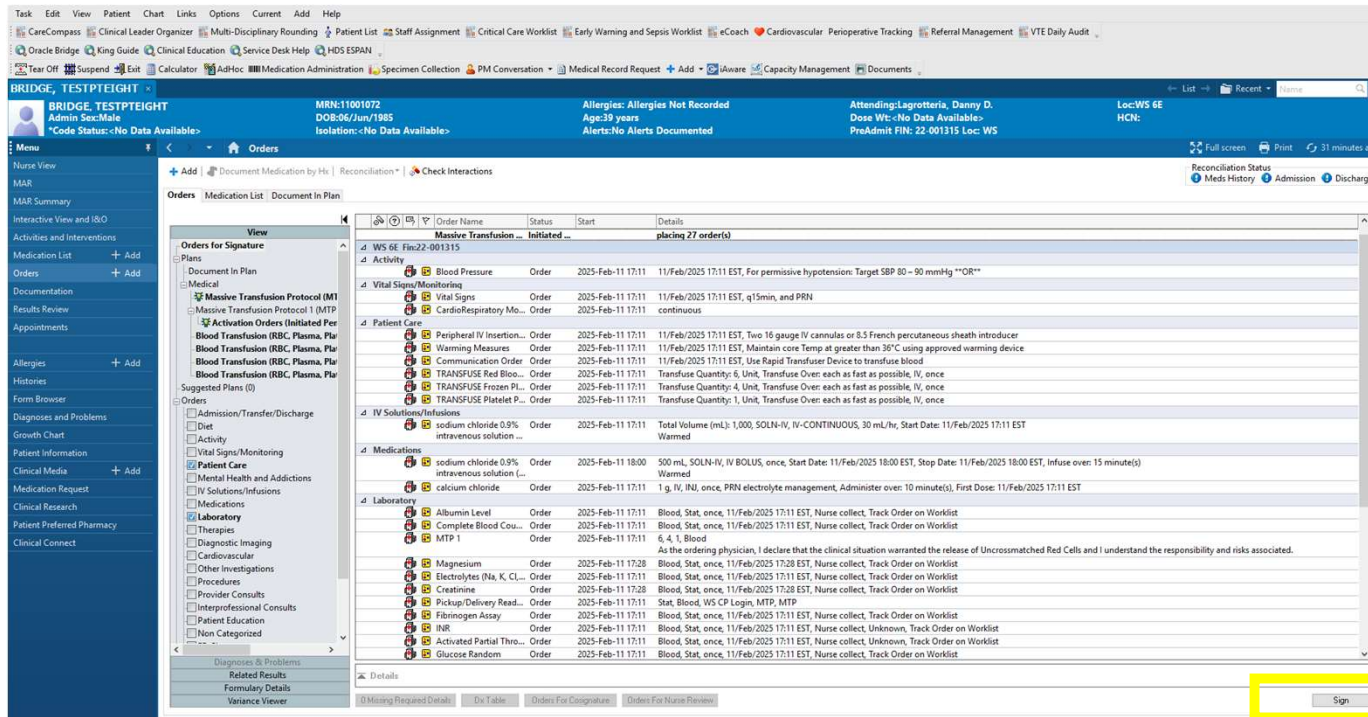
# Ordering MASSIVE TRANSFUSION PROTOCOL: POST TRANSFUSION LABS



The screenshot displays the 'Ordering Physician' dialog box within the EMR system. The patient information at the top identifies the patient as BRIDGE, TESTPTEIGHT, Admin Sec: Male, with MRN: 11001072 and DOB: 06/Jun/1985. The physician is identified as Tam, Benjamin Ho-Lai, FRCPC. The order date is set to 11/Feb/2025 at 1711 EST. The 'Communication type' dropdown menu is open, showing several options. The option 'Verbal with Read Back (Cosign)' is highlighted with a yellow box, indicating it is the selected communication type for this order. Other visible options include 'Written Clinical Intervention', 'Initiate Plan', 'Downtime Back Entry', 'Medical Directive', and 'IPAC Isolation Order'. The background shows the EMR interface with various navigation menus and a list of orders.

**MTP POST TRANSFUSION LABS – Enter VERBAL for Communication Type**

# Ordering MASSIVE TRANSFUSION PROTOCOL: POST TRANSFUSION LABS



The screenshot displays the 'Orders' section for a patient named BRIDGE, TESTPTEIGHT. The interface shows a list of orders under the 'Massive Transfusion' protocol. At the bottom right of the order list, a 'Sign' button is highlighted with a yellow box.

Order Name	Status	Start	Details
WS 6E Fin22-001315	Initiated		placing 27 order(s)
Vital Signs/Monitoring	Order	2025-Feb-11 17:11	11/Feb/2025 17:11 EST, For permissive hypotension: Target SBP 80 – 90 mmHg **OR**
Vital Signs	Order	2025-Feb-11 17:11	11/Feb/2025 17:11 EST, q15min, and PRN
CardioRespiratory Mo...	Order	2025-Feb-11 17:11	continuous
Peripheral IV Insertion	Order	2025-Feb-11 17:11	11/Feb/2025 17:11 EST, Two 16 gauge IV cannulas or 8.5 French percutaneous sheath introducer
Warming Measures	Order	2025-Feb-11 17:11	11/Feb/2025 17:11 EST, Maintain core Temp at greater than 36°C using approved warming device
Communication Order	Order	2025-Feb-11 17:11	11/Feb/2025 17:11 EST, Use Rapid Transfuser Device to transfuse blood
TRANSFUSE Red Bloo...	Order	2025-Feb-11 17:11	Transfuse Quantity: 6, Unit, Transfuse Over: each as fast as possible, IV, once
TRANSFUSE Frozen Pl...	Order	2025-Feb-11 17:11	Transfuse Quantity: 4, Unit, Transfuse Over: each as fast as possible, IV, once
TRANSFUSE Platelet P...	Order	2025-Feb-11 17:11	Transfuse Quantity: 1, Unit, Transfuse Over: each as fast as possible, IV, once
sodium chloride 0.9% intravenous solution ...	Order	2025-Feb-11 17:11	Total Volume (mL): 1,000, SOLN-IV, IV-CONTINUOUS, 30 mL/hr, Start Date: 11/Feb/2025 17:11 EST
sodium chloride 0.9% intravenous solution ...	Order	2025-Feb-11 18:00	500 mL, SOLN-IV, IV BOLUS, once, Start Date: 11/Feb/2025 18:00 EST, Stop Date: 11/Feb/2025 18:00 EST, Infuse over: 15 minute(s)
calcium chloride	Order	2025-Feb-11 17:11	1 g, IV, INJ, once, PRN electrolyte management, Administer over: 10 minute(s), First Dose: 11/Feb/2025 17:11 EST
Albumin Level	Order	2025-Feb-11 17:11	Blood, Stat, once, 11/Feb/2025 17:11 EST, Nurse collect, Track Order on Worklist
Complete Blood Cou...	Order	2025-Feb-11 17:11	Blood, Stat, once, 11/Feb/2025 17:11 EST, Nurse collect, Track Order on Worklist
MTP 1	Order	2025-Feb-11 17:11	6, 4, 1, Blood
Magnesium	Order	2025-Feb-11 17:28	Blood, Stat, once, 11/Feb/2025 17:28 EST, Nurse collect, Track Order on Worklist
Electrolytes (Na, K, Cl...	Order	2025-Feb-11 17:11	Blood, Stat, once, 11/Feb/2025 17:11 EST, Nurse collect, Track Order on Worklist
Creatinine	Order	2025-Feb-11 17:28	Blood, Stat, once, 11/Feb/2025 17:28 EST, Nurse collect, Track Order on Worklist
Pickup/Delivery Read...	Order	2025-Feb-11 17:11	Stat, Blood, WS CP Login, MTP, MTP
Fibrinogen Assay	Order	2025-Feb-11 17:11	Blood, Stat, once, 11/Feb/2025 17:11 EST, Nurse collect, Track Order on Worklist
INR	Order	2025-Feb-11 17:11	Blood, Stat, once, 11/Feb/2025 17:11 EST, Nurse collect, Unknown, Track Order on Worklist
Activated Partial Thro...	Order	2025-Feb-11 17:11	Blood, Stat, once, 11/Feb/2025 17:11 EST, Nurse collect, Unknown, Track Order on Worklist
Glucose Random	Order	2025-Feb-11 17:11	Blood, Stat, once, 11/Feb/2025 17:11 EST, Nurse collect, Track Order on Worklist

**MTP POST TRANSFUSION LABS – Click Sign**

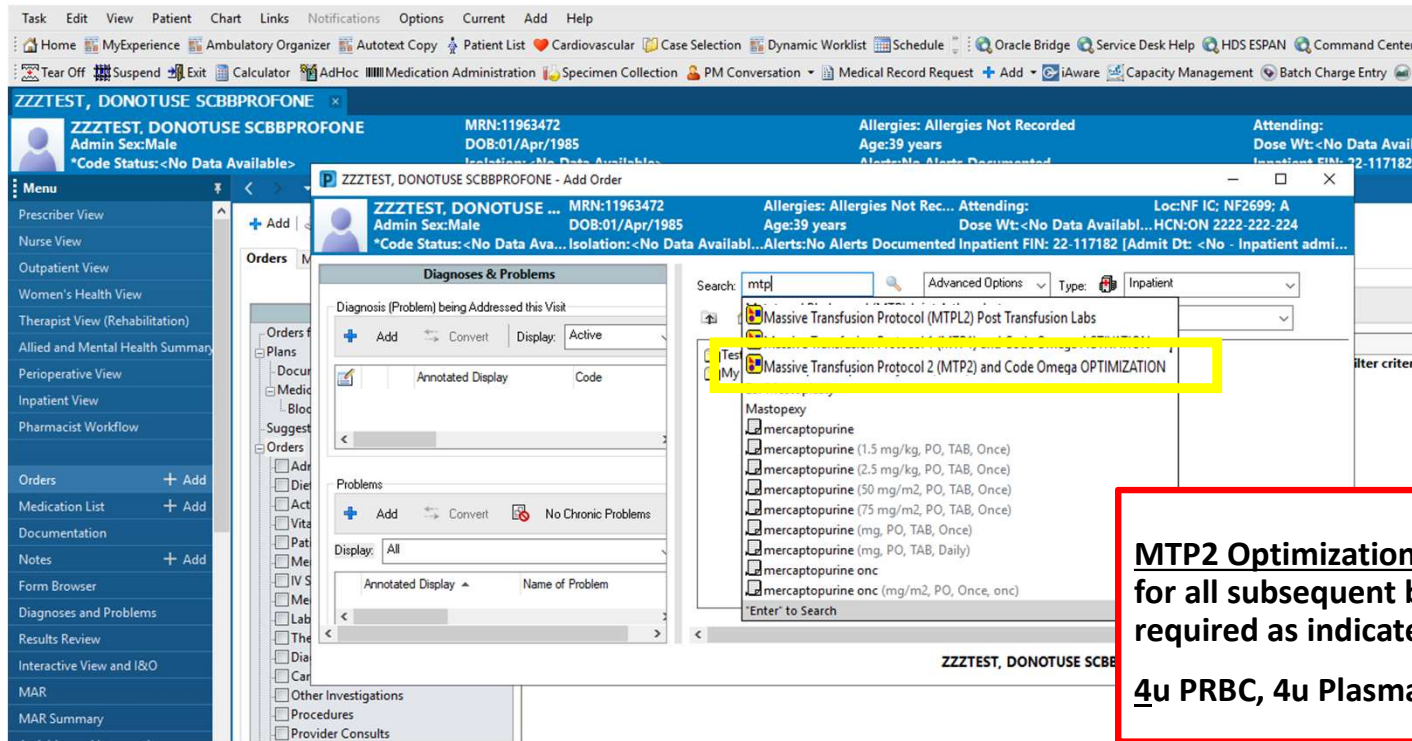
# Ordering MASSIVE TRANSFUSION PROTOCOL

3 phases

1. MTP1 Activation
2. MTP Post Transfusion Labs
3. MTP2 Optimization



# Ordering MASSIVE TRANSFUSION PROTOCOL: MTP2



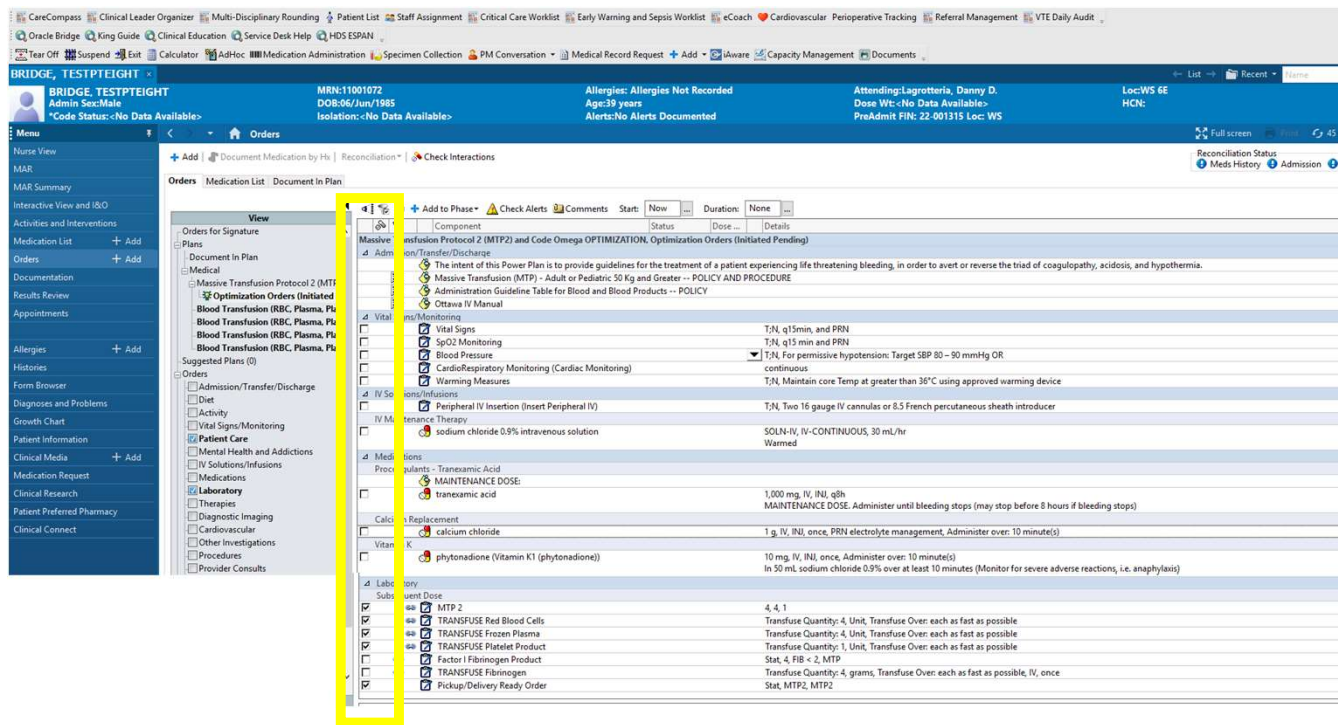
The screenshot shows the EMR interface for patient ZZZTEST, DONOTUSE SCBBPROFONE (MRN: 11963472, DOB: 01/Apr/1985). The 'Add Order' window is open, and a search for 'mtp' has been performed. The search results list several options, with 'Massive Transfusion Protocol 2 (MTP2) and Code Omega OPTIMIZATION' highlighted in yellow. A red box on the right side of the screenshot contains the following text:

**MTP2 Optimization**  
for all subsequent blood products  
required as indicated by physician lead  
**4u PRBC, 4u Plasma, 1u Platelet**

**If required, order MTP2**



# Ordering MASSIVE TRANSFUSION PROTOCOL: MTP2

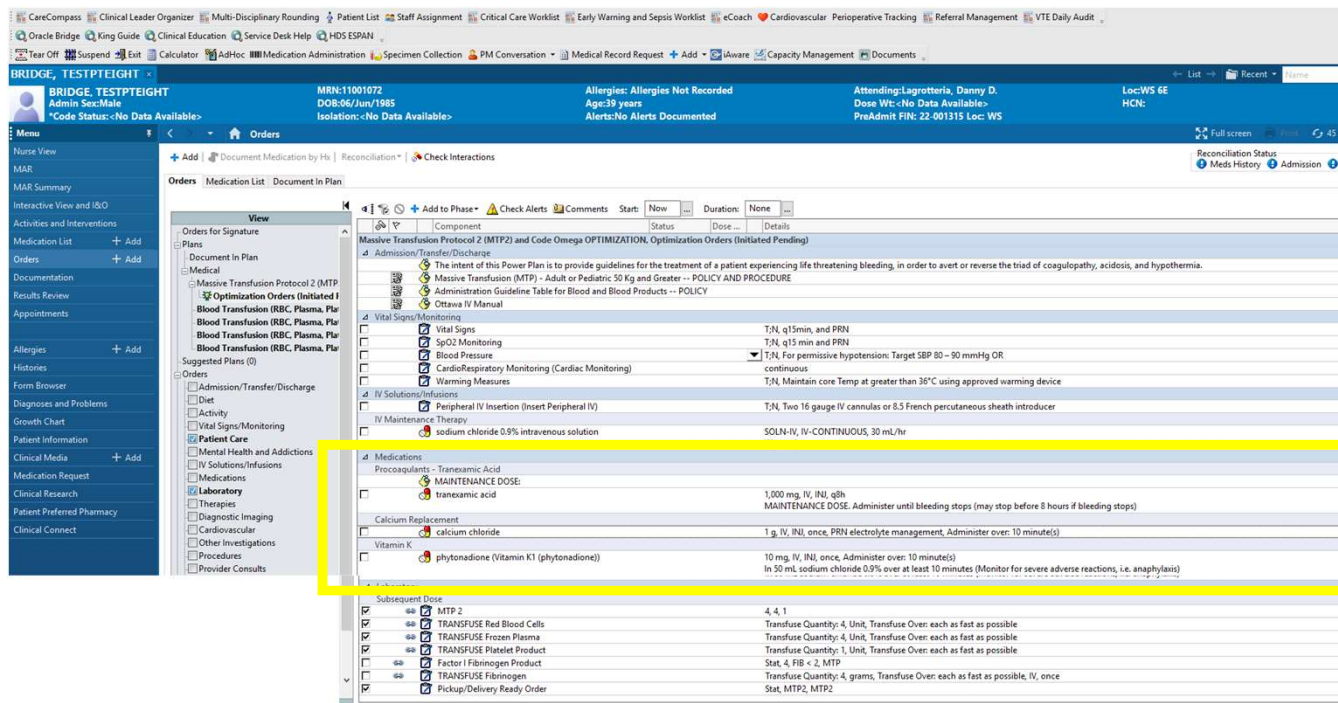


The screenshot displays the 'Orders' section of a patient's record for BRIDGE, TESTPTEIGHT. The patient's MRN is 11001072, DOB is 06/Jun/1985, and the attending physician is Danny D. Lagrotteria. The order is for the 'Massive Transfusion Protocol 2 (MTP2) and Code Omega OPTIMIZATION, Optimization Orders (Initiated Pending)'. The order includes various clinical interventions such as vital signs monitoring, warming measures, and transfusion of blood products. A yellow box highlights the 'MTP 2' order at the bottom of the list, which is pre-selected.

Component	Status	Dose	Details
Massive Transfusion Protocol 2 (MTP2) and Code Omega OPTIMIZATION, Optimization Orders (Initiated Pending)			
Vital Signs	<input checked="" type="checkbox"/>	T:N q15min, and PRN	
SpO2 Monitoring	<input checked="" type="checkbox"/>	T:N q15 min and PRN	
Blood Pressure	<input checked="" type="checkbox"/>	T:N For permissive hypotension: Target SBP 80 - 90 mmHg OR continuous	
CardioRespiratory Monitoring (Cardiac Monitoring)	<input checked="" type="checkbox"/>	T:N, Maintain core Temp at greater than 36°C using approved warming device	
Warming Measures	<input checked="" type="checkbox"/>	T:N, Maintain core Temp at greater than 36°C using approved warming device	
Peripheral IV Insertion (Insert Peripheral IV)	<input checked="" type="checkbox"/>	T:N Two 16 gauge IV cannulas or 8.5 French percutaneous sheath introducer	
Maintenance Therapy	<input checked="" type="checkbox"/>	SOLN-IV, IV-CONTINUOUS, 30 mL/hr	
sodium chloride 0.9% intravenous solution	<input checked="" type="checkbox"/>	Warmed	
Tranexamic Acid	<input checked="" type="checkbox"/>	MAINTENANCE DOSE:	
tranexamic acid	<input checked="" type="checkbox"/>	1,000 mg, IV, INI, q8h	MAINTENANCE DOSE. Administer until bleeding stops (may stop before 8 hours if bleeding stops)
calcium chloride	<input checked="" type="checkbox"/>	1 g, IV, INI, once, PRN electrolyte management, Administer over: 10 minute(s)	
phytonadione (Vitamin K1 (phytonadione))	<input checked="" type="checkbox"/>	10 mg, IV, INI, once, Administer over: 10 minute(s)	In 50 mL sodium chloride 0.9% over at least 10 minutes (Monitor for severe adverse reaction, i.e. anaphylaxis)
MTP 2	<input checked="" type="checkbox"/>	4, 4, 1	
TRANSFUSE Red Blood Cells	<input checked="" type="checkbox"/>	4, 4, 1	Transfuse Quantity: 4, Unit, Transfuse Over: each as fast as possible
TRANSFUSE Frozen Plasma	<input checked="" type="checkbox"/>	4, 4, 1	Transfuse Quantity: 4, Unit, Transfuse Over: each as fast as possible
TRANSFUSE Platelet Product	<input checked="" type="checkbox"/>	1, 1, 1	Transfuse Quantity: 1, Unit, Transfuse Over: each as fast as possible
Factor I Fibrinogen Product	<input checked="" type="checkbox"/>	Stat, 4, FIB < 2, MTP	
TRANSFUSE Fibrinogen	<input checked="" type="checkbox"/>	4, 4, 1	Transfuse Quantity: 4, grams, Transfuse Over: each as fast as possible, IV, once
Pickup/Delivery Ready Order	<input checked="" type="checkbox"/>	Stat, MTP2, MTP2	

**MTP2 – multiple fields preselected**

# Ordering MASSIVE TRANSFUSION PROTOCOL: MTP2



BRIDGE, TESTPTEIGHT  
Admin Sex: Male  
\*Code Status: No Data Available

MRN: 11001072  
DOB: 06/Jun/1985  
Isolation: No Data Available

Allergies: Allergies Not Recorded  
Age: 39 years  
Alerts: No Alerts Documented

Attending: Lagrotteria, Danny D.  
Dose Wt: No Data Available  
PreAdmit FIN: 22-001315 Loc: WS

Loc: WS 6E  
HCN:

Orders

Massive Transfusion Protocol 2 (MTP2) and Code Omega OPTIMIZATION, Optimization Orders (Initiated Pending)

The intent of this Power Plan is to provide guidelines for the treatment of a patient experiencing life threatening bleeding, in order to avert or reverse the triad of coagulopathy, acidosis, and hypothermia.

Massive Transfusion (MTP) - Adult or Pediatric 50 Kg and Greater -- POLICY AND PROCEDURE  
Administration Guideline Table for Blood and Blood Products -- POLICY  
Ottawa IV Manual

Vital Signs/Monitoring

Vital Signs T:N q15min, and PRN  
 SpO2 Monitoring T:N q15 min and PRN  
 Blood Pressure T:N For permissive hypotension: Target SBP 80 - 90 mmHg OR continuous  
 CardioRespiratory Monitoring (Cardiac Monitoring) T:N, Maintain core Temp at greater than 36°C using approved warming device  
 Warming Measures T:N, Maintain core Temp at greater than 36°C using approved warming device

IV Solutions/Infusions

Peripheral IV Insertion (Insert Peripheral IV) T:N Two 16 gauge IV cannulas or 8.5 French percutaneous sheath introducer

IV Maintenance Therapy

sodium chloride 0.9% intravenous solution SOLN-IV, IV-CONTINUOUS, 30 mL/hr

Medications

Procoagulants - Tranexamic Acid

MAINTENANCE DOSE: tranexamic acid 1,000 mg, IV, INJ, q8h  
MAINTENANCE DOSE. Administer until bleeding stops (may stop before 8 hours if bleeding stops)

Calcium Replacement

calcium chloride 1 g, IV, INJ, once, PRN electrolyte management, Administer over: 10 minute(s)

Vitamin K

phytonadione (Vitamin K1 (phytonadione)) 10 mg, IV, INJ, once, Administer over: 10 minute(s)  
In 50 mL sodium chloride 0.9% over at least 10 minutes (Monitor for severe adverse reactions, i.e. anaphylaxis)

Subsequent Dose

MTP 2 4, 4, 1  
Transfuse Quantity: 4, Unit, Transfuse Over: each as fast as possible

TRANSFUSE Red Blood Cells Transfuse Quantity: 4, Unit, Transfuse Over: each as fast as possible

TRANSFUSE Frozen Plasma Transfuse Quantity: 1, Unit, Transfuse Over: each as fast as possible

TRANSFUSE Platelet Product Stat, 4, FIB < 2, MTP

Factor I Fibrinogen Product Transfuse Quantity: 4, grams, Transfuse Over: each as fast as possible, IV, once

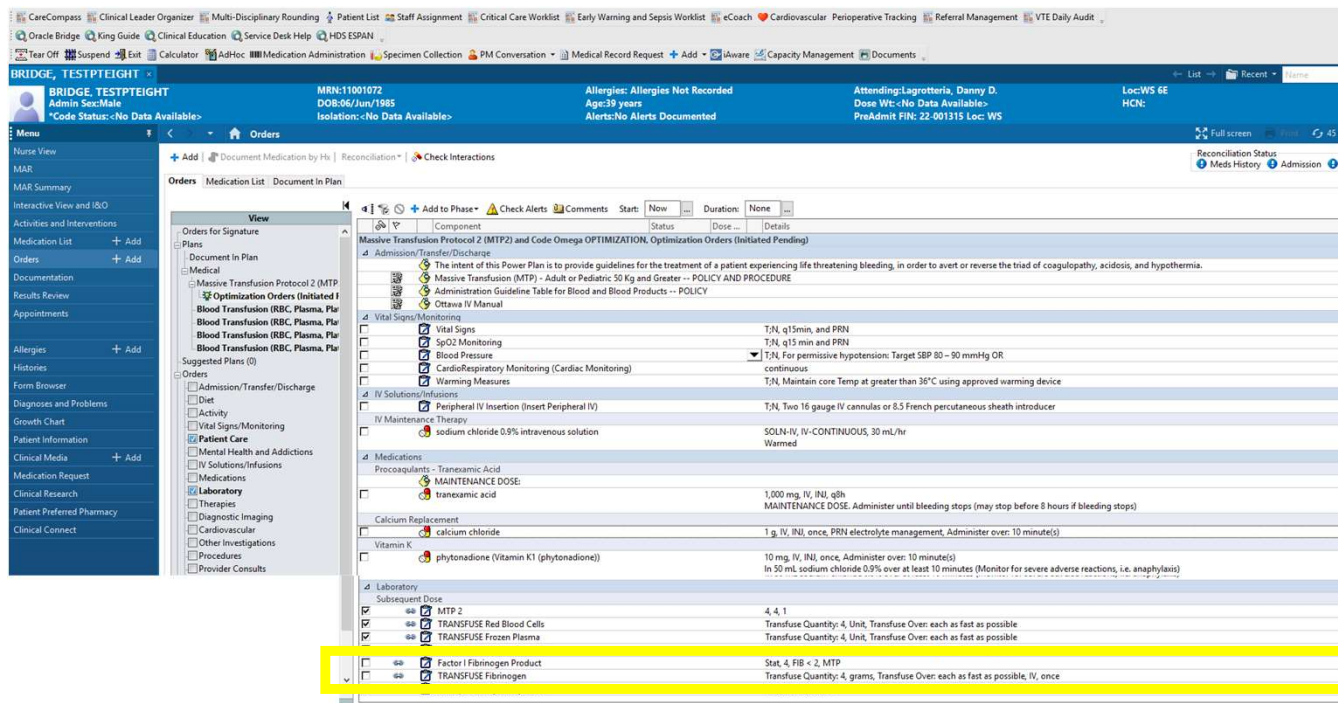
TRANSFUSE Fibrinogen Stat, MTP2, MTP2

Pickup/Delivery Ready Order

If required, check Medication checkboxes to select

**MTP2 – additional field to select: Medications**

# Ordering MASSIVE TRANSFUSION PROTOCOL: MTP2



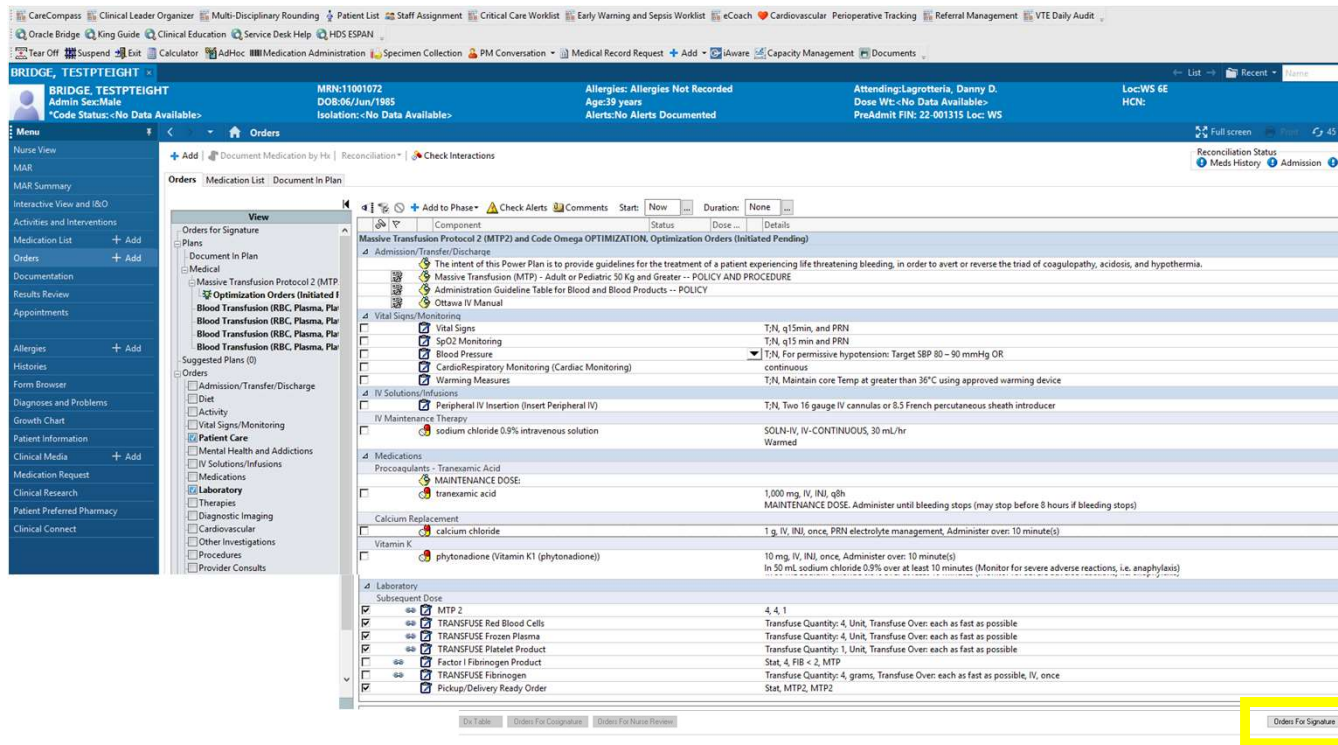
The screenshot displays the 'Massive Transfusion Protocol 2 (MTP2) and Code Omega OPTIMIZATION, Optimization Orders (Initiated Pending)' form. The 'Laboratory' section is highlighted in yellow, showing the following items:

Item	Quantity	Transfuse Over
<input checked="" type="checkbox"/> MTP 2	4, 4, 1	
<input checked="" type="checkbox"/> TRANSFUSE Red Blood Cells	Transfuse Quantity: 4, Unit, Transfuse Over: each as fast as possible	
<input checked="" type="checkbox"/> TRANSFUSE Frozen Plasma	Transfuse Quantity: 4, Unit, Transfuse Over: each as fast as possible	
<input checked="" type="checkbox"/> Factor I Fibrinogen Product	Stat, 4, FIB < 2, MTP	
<input checked="" type="checkbox"/> TRANSFUSE Fibrinogen	Transfuse Quantity: 4, grams, Transfuse Over: each as fast as possible, IV, once	

If required, check **Fibrinogen Product** AND check **Transfuse Fibrinogen** checkboxes to select

**MTP2 – additional field to select: Fibrinogen**

# Ordering MASSIVE TRANSFUSION PROTOCOL: MTP2

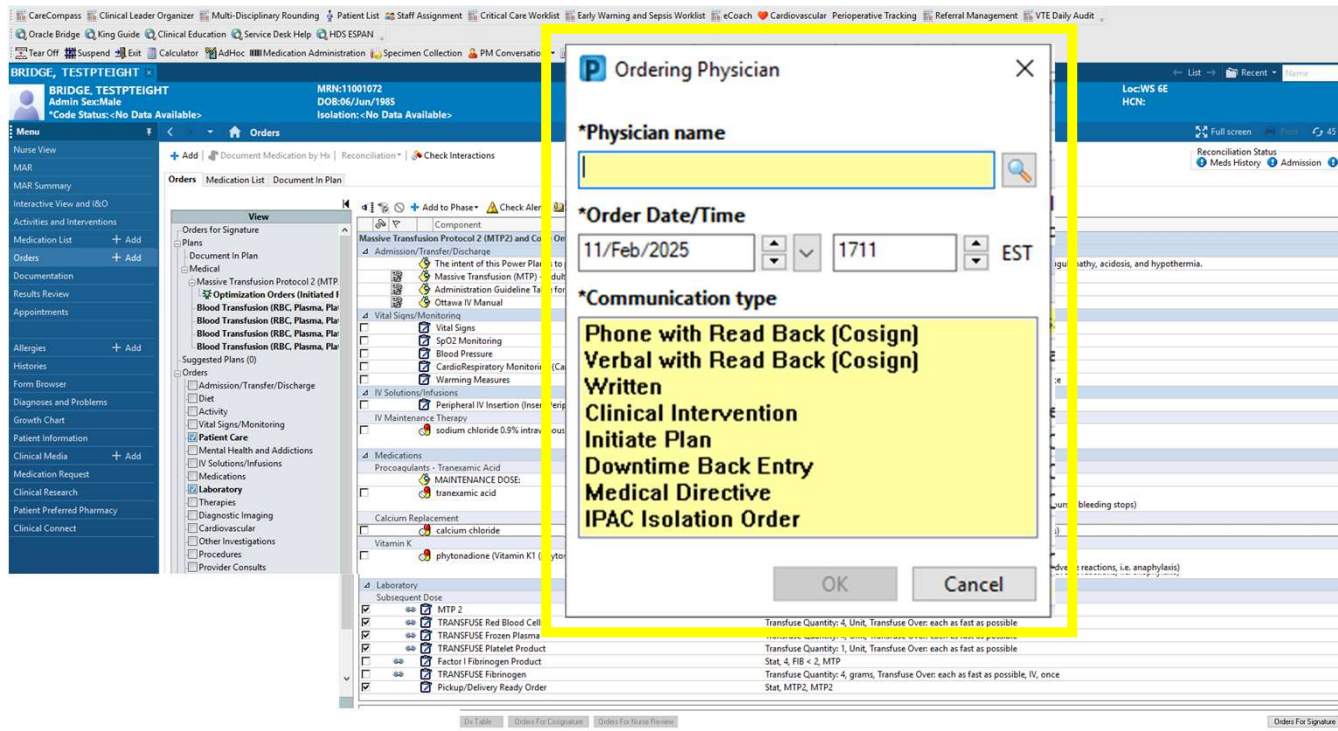


The screenshot displays the EMR interface for patient BRIDGE, TESTPTEIGHT. The main content area shows the 'Massive Transfusion Protocol 2 (MTP2) and Code Omega OPTIMIZATION, Optimization Orders (Initiated Pending)' form. The form includes sections for Admission/Transfer/Discharge, Vital Signs/Monitoring, IV Solutions/Infusions, Medications, Calcium Replacement, Vitamin K, and Laboratory. At the bottom of the order list, a yellow box highlights the 'Orders For Signature' button.

**MTP2 – Click Orders for Signature**



# Ordering MASSIVE TRANSFUSION PROTOCOL: MTP2



**Ordering Physician**

\*Physician name

\*Order Date/Time: 11/Feb/2025 17:11 EST

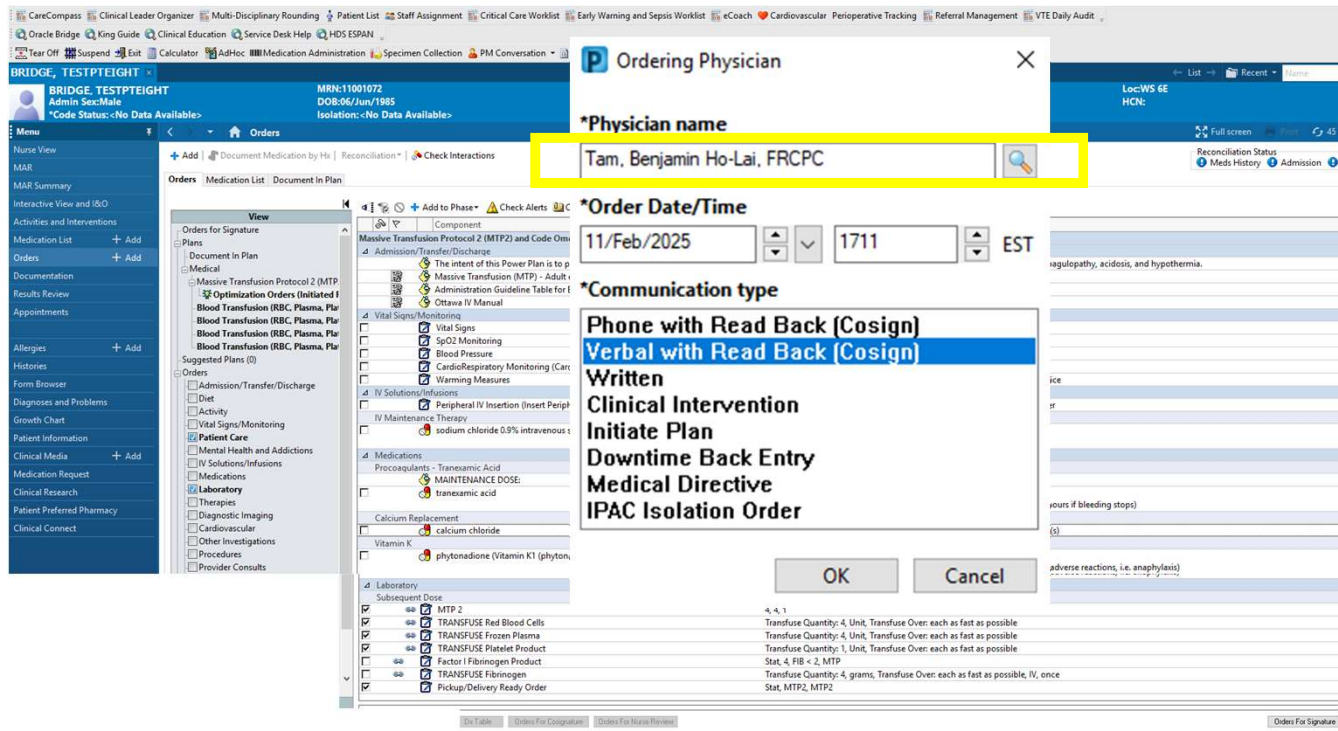
\*Communication type

- Phone with Read Back (Cosign)
- Verbal with Read Back (Cosign)
- Written**
- Clinical Intervention
- Initiate Plan
- Downtime Back Entry
- Medical Directive
- IPAC Isolation Order

OK Cancel

**MTP2 – Order window opens**

# Ordering MASSIVE TRANSFUSION PROTOCOL: MTP2



**Ordering Physician**

\*Physician name  
Tam, Benjamin Ho-Lai, FRCPC

\*Order Date/Time  
11/Feb/2025 1711 EST

\*Communication type  
 Phone with Read Back (Cosign)  
 Verbal with Read Back (Cosign)  
 Written  
 Clinical Intervention  
 Initiate Plan  
 Downtime Back Entry  
 Medical Directive  
 IPAC Isolation Order

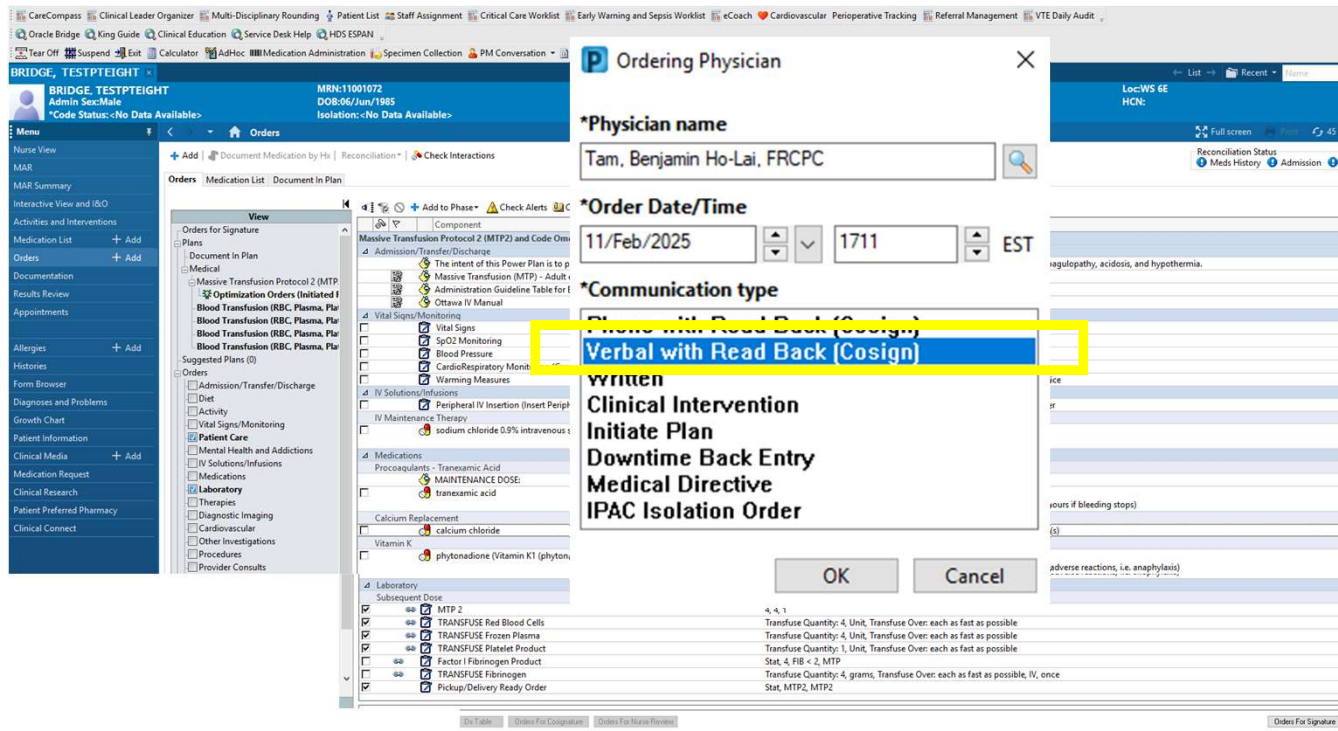
Subsequent Dose

- MTP2 4, 4, 1 Transfuse Quantity: 4, Unit, Transfuse Over: each as fast as possible
- TRANSFUSE Red Blood Cells Transfuse Quantity: 4, Unit, Transfuse Over: each as fast as possible
- TRANSFUSE Frozen Plasma Transfuse Quantity: 1, Unit, Transfuse Over: each as fast as possible
- TRANSFUSE Platelet Product Stat, 4, FIB < 2, MTP2
- TRANSFUSE Fibrinogen Transfuse Quantity: 4, grams, Transfuse Over: each as fast as possible, IV, once
- Pickup/Delivery Ready Order Stat, MTP2, MTP2

## MTP2 – Enter Physician Name



# Ordering MASSIVE TRANSFUSION PROTOCOL: MTP2



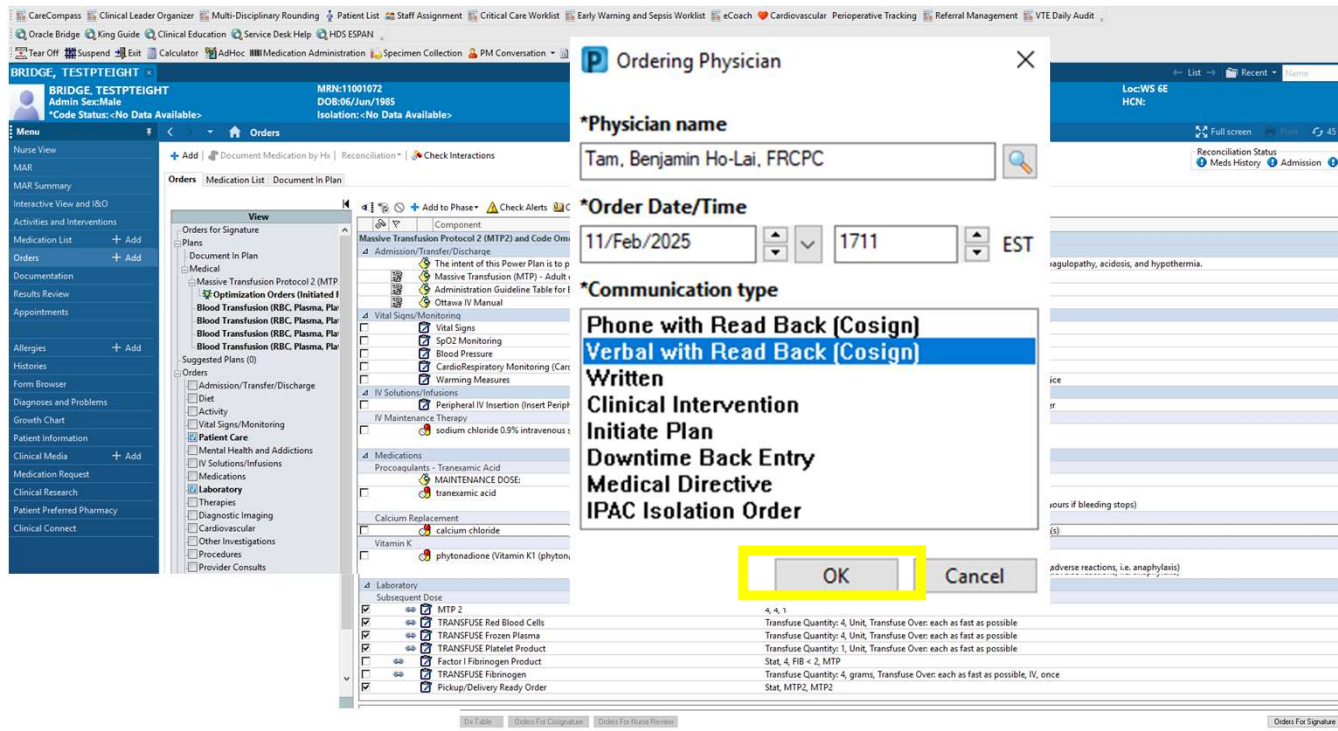
The screenshot displays the 'Ordering Physician' dialog box within a clinical information system. The dialog is for ordering a 'Massive Transfusion Protocol 2 (MTP2)'. Key fields include:

- \*Physician name:** Tam, Benjamin Ho-Lai, FRCPC
- \*Order Date/Time:** 11/Feb/2025, 1711 EST
- \*Communication type:** A dropdown menu is open, with 'Verbal with Read Back (Cosign)' highlighted in yellow. Other options include 'Phone with Read Back (Cosign)', 'Written Clinical Intervention', 'Initiate Plan', 'Downtime Back Entry', 'Medical Directive', and 'IPAC Isolation Order'.

The background interface shows the patient's profile (BRIDGE, TESTPTEIGHT, Admin Sec: Male, MRN: 11001072, DOB: 06/Jun/1965) and a list of orders for 'Massive Transfusion Protocol 2 (MTP2)'. The list includes items like 'TRANSFUSE Red Blood Cells', 'TRANSFUSE Frozen Plasma', and 'TRANSFUSE Platelet Product'.

**MTP2 – Enter VERBAL for Communication Type**

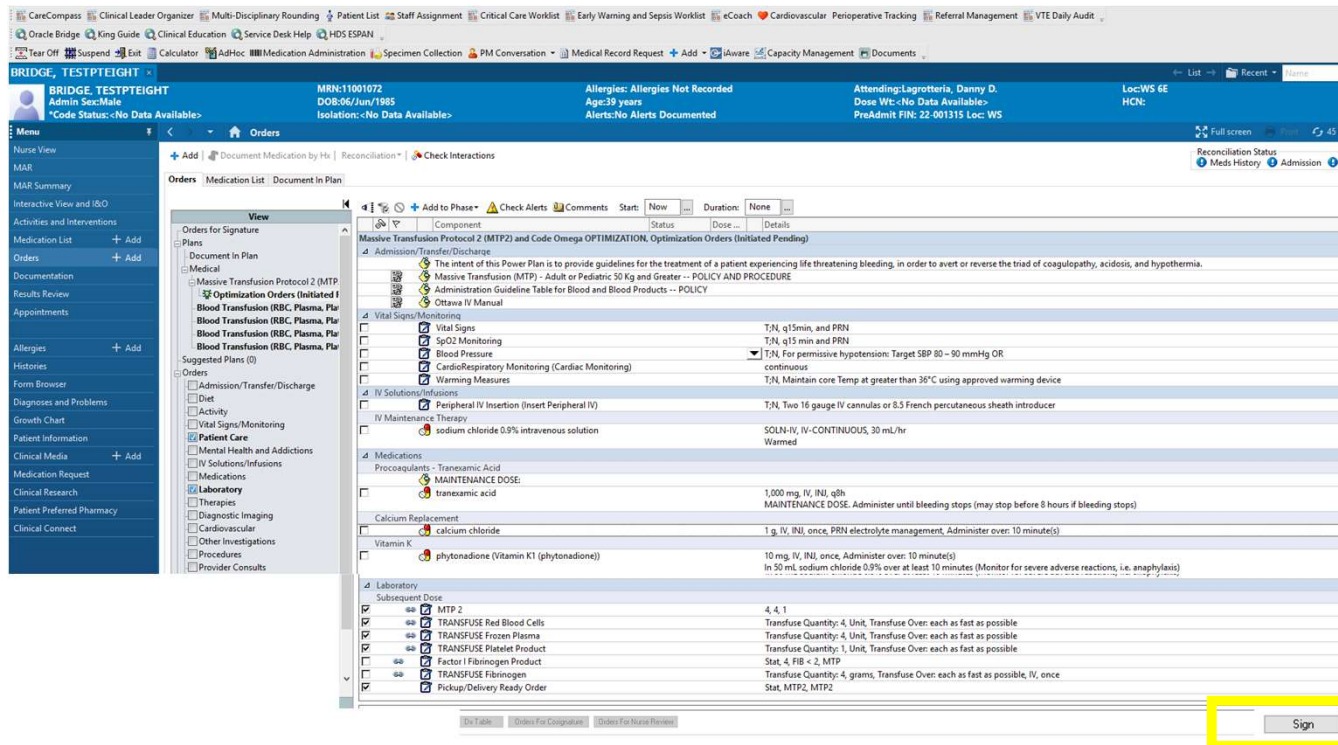
# Ordering MASSIVE TRANSFUSION PROTOCOL: MTP2



The screenshot shows the 'Ordering Physician' window for patient BRIDGE, TESTPTEIGHT. The 'Physician name' is 'Tam, Benjamin Ho-Lai, FRCPC'. The 'Order Date/Time' is '11/Feb/2025 1711 EST'. The 'Communication type' dropdown is open, showing options: 'Phone with Read Back (Cosign)', 'Verbal with Read Back (Cosign)', 'Written', 'Clinical Intervention', 'Initiate Plan', 'Downtime Back Entry', 'Medical Directive', and 'IPAC Isolation Order'. The 'Verbal with Read Back (Cosign)' option is selected. Below the dropdown, the 'OK' button is highlighted with a yellow box. The 'Cancel' button is also visible. The main window shows the 'Massive Transfusion Protocol 2 (MTP2) and Code Oms' configuration, including 'Vital Signs/Monitoring', 'IV Solutions/Infusions', 'Medications', 'Calcium Replacement', and 'Laboratory' sections. The 'Laboratory' section includes 'Subsequent Dose' with 'MTP2' selected, and 'TRANSFUSE Red Blood Cells', 'TRANSFUSE Frozen Plasma', 'TRANSFUSE Platelet Product', 'Factor I Fibrinogen Product', 'TRANSFUSE Fibrinogen', and 'Pickup/Delivery Ready Order'.

**MTP2 – Click OK**

# Ordering MASSIVE TRANSFUSION PROTOCOL: MTP2



The screenshot displays the 'Massive Transfusion Protocol 2 (MTP2) and Code Omega OPTIMIZATION, Optimization Orders (Initiated Pending)' form. The form is organized into several sections:

- Admission/Transfer/Discharge:** Includes a note about the Power Plan's intent and links to MTP2 and Code Omega optimization orders.
- Vital Signs/Monitoring:** Lists vital signs (T, N, q15min, and PRN), SpO2 monitoring (T, N, q15 min and PRN), blood pressure (T, N, for permissive hypotension: Target SBP 80 – 90 mmHg OR continuous), and warming measures (T, N, Maintain core Temp at greater than 36°C using approved warming device).
- IV Solutions/Infusions:** Includes peripheral IV insertion (Two 16 gauge IV cannulas or 8.5 French percutaneous sheath introducer) and sodium chloride 0.9% intravenous solution (SOLN-IV, IV-CONTINUOUS, 30 mL/hr, Warmed).
- Medications:** Lists tranexamic acid (1,000 mg, IV, IN, q8h, MAINTENANCE DOSE) and tranexamic acid (MAINTENANCE DOSE, Administer until bleeding stops (may stop before 8 hours if bleeding stops)).
- Calcium Replacement:** Lists calcium chloride (1 g, IV, IN, once, PRN electrolyte management, Administer over: 10 minute(s)).
- Vitamin K:** Lists phytonadione (Vitamin K1 (phytonadione)) (10 mg, IV, IN, once, Administer over: 10 minute(s); in 50 mL sodium chloride 0.9% over at least 10 minutes (Monitor for severe adverse reactions, i.e. anaphylaxis)).
- Laboratory:** Lists subsequent doses for MTP2, including TRANSFUSE Red Blood Cells, TRANSFUSE Frozen Plasma, TRANSFUSE Platelet Product, Factor I Fibrinogen Product, TRANSFUSE Fibrinogen, and Pickup/Delivery Ready Order.

A yellow box highlights the 'Sign' button at the bottom right of the form.

**MTP2 – Click Sign**

