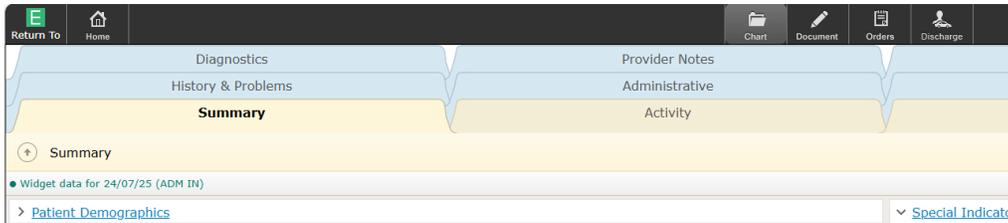
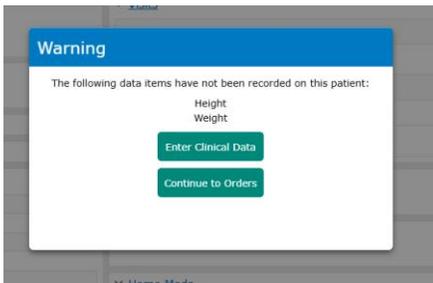


Transfusion Instruction and Request Order Set

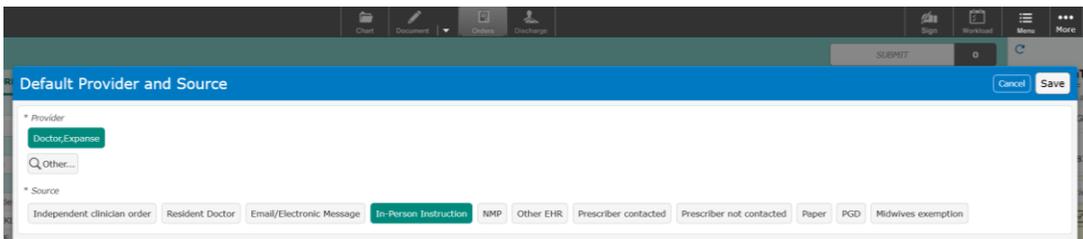
1. DOCTOR COMPLETES INSTRUCTION AND ORDER TO THE LAB (INPATIENTS)



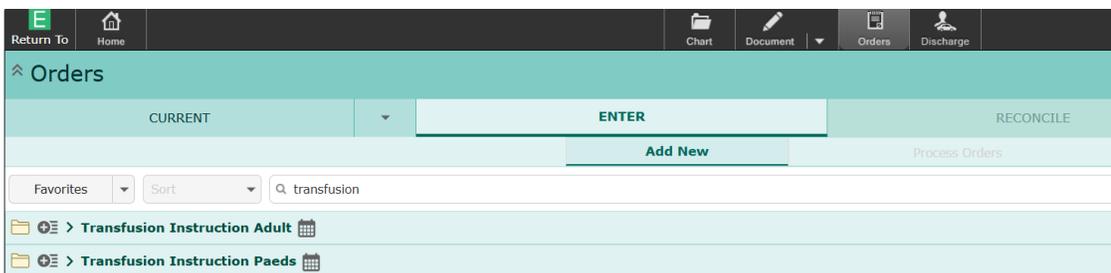
Locate the patient and select **Orders**



If a **Warning** pop box displays, review and select **Continue to Orders**



Complete the **Default Provider and Source** box and **Save**



Select **Enter** and in the search bar type in **Transfusion**

Two different order sets will display, press the **>** symbol next to the order set required

You are now in the **Instruction** part of the order set
Press the  symbol

This opens up the **instruction**
The **Transfusion instruction and order ID number** will display
This is a unique number to this **instruction**
The same number will display on the **blood component order** part of the **instruction**

To the the question **Are you completing the transfusion instruction?**, select **Yes**

Orders

CURRENT | ENTER | RECONCILE

Medications by: Generic Name

ORDERS BY: CATEGORY | PROVIDER | DATE

Blood Bank

OM Access: ALL

Consent

Transfusion consent information: Transfusion information must be provided to the patient (or where relevant their advocate) explaining:

- The risks and benefits associated with the blood component(s)
- The alternatives to the blood component(s)
- The blood transfusion process and side effects
- Any transfusion needs specific to them
- That patients are no longer eligible to donate blood
- Patients should be encouraged to ask questions

Transfusion consent: patient consented

Blood component to be transfused: red blood cells

Transfusion Details

* Transfusion reason RBC: R4 chronic transfusion-de

* Transfusion reason red cells (long text): R4 chronic transfusion-dependent anaemia

* Number of units: 1

* Rate of transfusion (hrs/unit): 3hrs/unit

Weight: 80 kg

TACO

Transfusion Associated Circulatory Overload (TACO)

- Heart failure, congestive cardiac failure (CCF), severe aortic stenosis or moderate to severe left ventricular dysfunction?
- On a regular diuretic?
- Severe anaemia?
- Pulmonary oedema?
- Undiagnosed respiratory symptoms?
- Is the fluid balance significantly positive?
- Receiving intravenous fluids (or received them in the previous 24 hours)?
- Any peripheral oedema?
- Hypalbuminaemia?
- Significant renal impairment?

* Does the patient have any risk factors: Yes No

Special requirements

Special requirements: The first time the patient shows indications for special requirements, an Irradiated and Specialist Blood Components Communications Document (shared care form for special requirements) must be completed by the patient's clinical team and sent to the HCA Transfusion Laboratory.

* Transfusion special requirements: CMV negative, irradiated blood

Additional information or comments: Expanse test

Problem: [dropdown]

Diagnosis Code: [dropdown]

* Start Date: Today

Start Time: 17:04

This defaults queries required for the **Instruction**

Specific queries will pull in depending on the answer to the question **Blood component to be transfused**

Complete all fields **Number of units** and **Rate of transfusion** are free text boxes

Transfusion Instruction Adult

ADULT RED CELLS (220-340mL)

ADULT RED CELLS (220-340mL) Routine	Results
ADULT RED CELLS (220-340mL) Routine	Results
ADULT RED CELLS (220-340mL) Routine	Ordered
ADULT RED CELLS (220-340mL) Routine	Ordered
ADULT RED CELLS (220-340mL) Routine	Uncollecte

Stat (P)
 Urgent (P)
 Routine (P)
 ONCE DAILY (P)

ADULT PLATELETS POOL/APHERESIS

Stat (P)
 Urgent (P)
 Routine (P)
 ONCE DAILY (P)

Fresh Frozen Plasma (280mL)

Then move down the order set and locate the blood component required

Select whether the order is **Stat**, **Urgent** or **Routine**

Transfusion Instruction Adult

ADULT RED CELLS (220-340mL) Routine Ordered

ADULT RED CELLS (220-340mL) Routine Uncollected

Stat **P**

Urgent **P**

Routine **P** * New

* Provider Doctor,Expanse3

* Source In-Person Instruction

* Specimen Pre-Collection Label

* Quantity 1

* Clinical details test

Transfusion ID number

Transfusion instruction and order ID number 13

Required information

* Has a transfusion instruction been completed by the doctor? Yes No

This opens the red cell order to the labs

Leave the **Specimen** as **Pre-Collection Label**

Adjust the **Quantity** to the number of units required

Complete **Clinical** details

Select **Yes** to the question **Has a transfusion instruction been completed by the doctor?**

This updates the **Transfusion instruction and order ID number** to be the same as the number in the **instruction**

Required information

* Has a transfusion instruction been completed by the doctor? Yes No

Transfusion instruction information

If a transfusion written instruction has not been completed by a doctor for this prepare order, it must be completed on order management prior to administration

* Date of transfusion 30/10/25

* Time of transfusion 17:14

Volume mls (exchange transfusion only)

* Number of units 1

* Transfusion reason RBC R4 chronic transfusion-de

Transfusion reason red cells (long text) R4 chronic transfusion-dependent anaemia

* What is the patient's weight? 80 kg

Blood group confirmation

The patient must have a confirmed blood group from two separate samples on record, if not a new group and save must be sent

* Valid Group and Save taken in the last 72 hour? Yes No

* Transfusion special requirements

CMV negative

Irradiated blood

Complete all other queries

The **Number of units** is a free text box

This can be be customised for paediatrics where you can enter the number of mls required Bloodbank will then work out what units to assign to the patient

If the patient does not have a valid group and save, select **No** This will reflex a group and screen test that can be collected using **PHH**

Orders

CURRENT | ENTER | RECONCILE

Medications by: Generic Name

ORDERS BY: CATEGORY	PROVIDER	DATE	STATUS
ADULT RED CELLS (220-340mL) Routine	Doctor, Expanse3	30/10/25	New
Adult Transfusion Instruction Routine	Doctor, Expanse3	30/10/25 17:04	New

Order Summary

CURRENT | ENTER | RECONCILE

SAVE

ADULT Transfusion Instruction Routine

30/10/25 17:04

Edited

Select **Submit**

A summary screen will then display showing the details of the **instruction** and the **order**

Select **Save** and enter your **PIN**

Orders

CURRENT | ENTER | RECONCILE

Medications by: Generic Name

ORDERS BY: CATEGORY	PROVIDER	DATE	STATUS
ADULT RED CELLS (220-340mL) Routine	Doctor, Expanse3	30/10/25 17:04	Ordered

Status is **Ordered**

The order has now been placed to the **Bloodbank**

2. Part 1 - IF NURSE IS COMPLETING THE INSTRUCTION AND REQUEST ORDER SET (PRE-ASSESSMENT, LOC, EMERGENCIES)

Seema Britto

Multiple Facilities | Find Patient

TCT List | Telephone Appointment | More Lists

Name	Age	BirthSex	Birthdate
Surtest, Adan	25 M		01/12/1999
Surtest, Afonso	46 M		09/09/1979
Slattery, Testing	26 M		01/01/1999
SURTEST, Donald Duck	25 M		11/08/2000

No Patient Selected

In the **Find Patient** box, type in the patient's name. Select the **PRE-IN** account. Do not select an account that is not in the **PRE-IN** status. If a **PRE-IN** account is not available this must be created on the **Registration Management Desktop**

Return To | Home | Chart | Document | **Orders** | Oncology | Discharge

Seema Britto

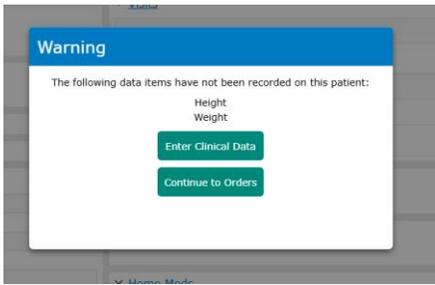
My List 0 | GH 4th Floor 89 | More Lists

Location	Name	Resuscitation Status	Allergies	EWS
GH 4th Floor/GH407-A	TrainTar66, Tar66	Status Not Ordered No Hx Avail	ubidecarenone	

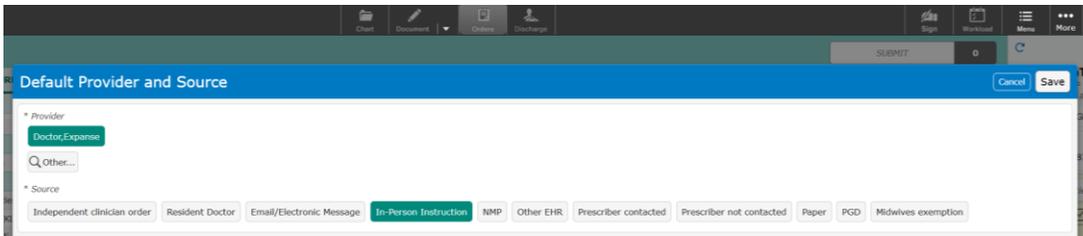
Next Interventions

- 06:00 Nursing Shift Assessment (Adults)
- 10:27 Intake & Output
- 10:27 Isolation Status

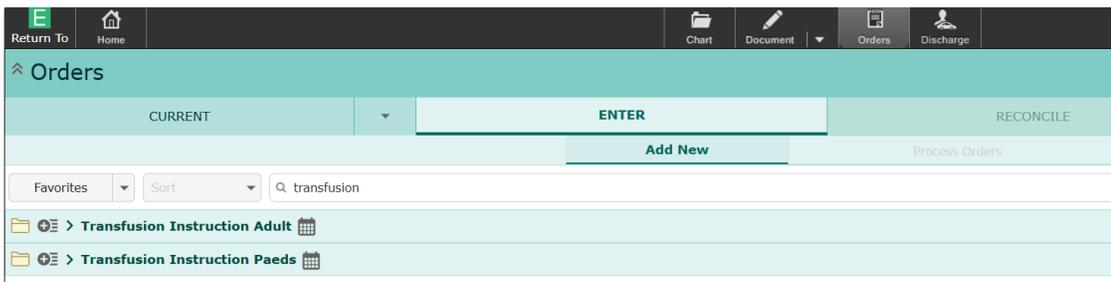
Click on **Orders**



If a **Warning** pop box displays, review and select **Continue to Orders**

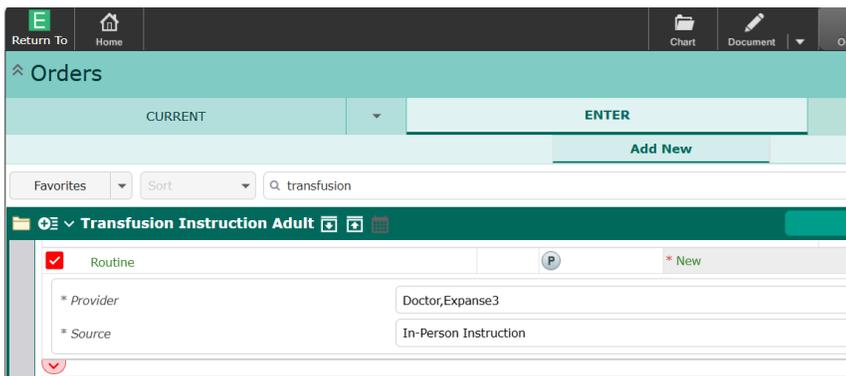


Complete the **Default Provider and Source** box and **Save**



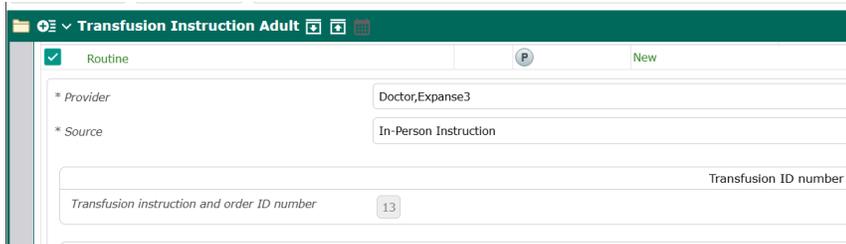
Select **Enter** and in the search bar type in **Transfusion**

Two different order sets will display, press the **>** symbol next to the order set required



You are now in the **Instruction** part of the order set

Press the  symbol



This opens up the **instruction**

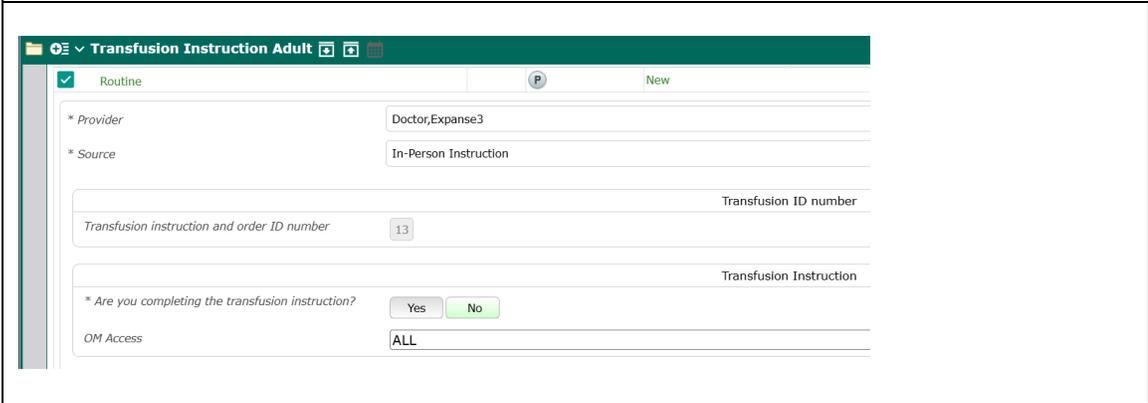
The **Transfusion instruction and order ID number** will display

This is a unique number to this **instruction**

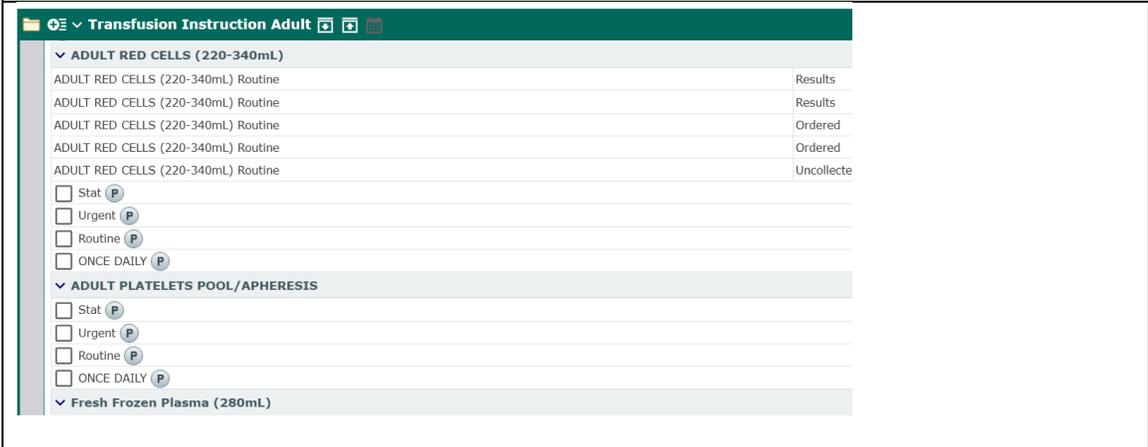
The same number will



display on the **blood component order** part of the **instruction**

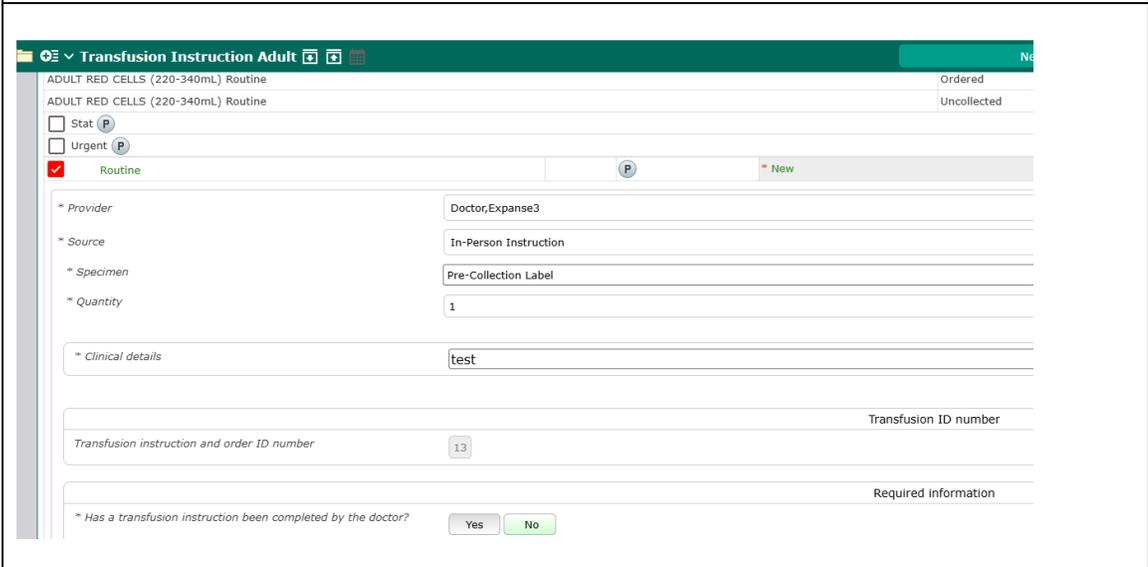


To the question **Are you completing the transfusion instruction?**, select **No**



Then move down the order set and locate the blood component required

Select whether the order is **Stat**, **Urgent** or **Routine**



This opens the red cell order to the labs

Leave the **Specimen** as **Pre-Collection Label**

Adjust the **Quantity** to the number of units required

Complete **Clinical** details

Select **No** to the question **Has a**

transfusion instruction been completed by the doctor?

This updates the **Transfusion instruction and order ID number** to be the same as the number in the **instruction**

Transfusion Instruction Adult

Required information

* Has a transfusion instruction been completed by the doctor? Yes No

Transfusion instruction information

If a transfusion written instruction has not been completed by a doctor for this prepare order, it must be completed on order management prior to administration

* Date of transfusion: 30/10/25

* Time of transfusion: 17:14

Volume mls (exchange transfusion only):

* Number of units: 1

* Transfusion reason RBC: R4 chronic transfusion-de

Transfusion reason red cells (long text): R4 chronic transfusion-dependent anaemia

* What is the patient's weight?: 80 kg

Blood group confirmation

The patient must have a confirmed blood group from two separate samples on record, if not a new group and save must be sent

* Valid Group and Save taken in the last 72 hour? Yes No

* Transfusion special requirements: CMV negative, irradiated blood

Complete all other queries

The **Number of units** is a free text box

This can be be customised for paediatrics where you can enter the number of mls required Bloodbank will then work out what units to assign to the patient

If the patient does not have a valid group and save, select **No** This will reflex a group and screen test that can be collected using **PHH**

Orders

Medications by Generic Name

ORDERS BY CATEGORY:	PROVIDER	DATE	STATUS
New Orders			
ADULT RED CELLS (220-340mL) Routine Transfusion instruction and order ID number: 13	Doctor, Expanse3	30/10/25	New
Adult Transfusion Instruction Routine Transfusion instruction and order ID number: 13 Are you completing the transfusion instruction?: No	Doctor, Expanse3	30/10/25 17:04	New

Order Summary

ORDERS	DATE	STATUS	
ADULT RED CELLS (220-340mL) Routine Transfusion instruction and order ID number: 13	30/10/25	New	X ALL X
Adult Transfusion Instruction Routine Transfusion instruction and order ID number: 13 Are you completing the transfusion instruction?: No	30/10/25 17:04	New	X

Select **Submit**

A summary screen will then display showing the details of the **instruction** and the **order**

Select **Save**

The order has now been placed to the Bloodbank

On the day of the transfusion, review that an **Instruction** has been completed for the transfusion

The screenshot shows the patient chart for Seema Britto. The 'Orders' tab is selected. A transfusion order is visible with the following details:

Location	Name	Resuscitation Status	Allergies	EWS
Attending Consultant	Birthdate	Special Indicators		
Admission Date	Age	Isolation Status		
Estimated Date of Discharge	MIRN			
	X000006439			
GH 4th Floor/GH407-A	TrainTar66,Tar66	Status Not Ordered No Hx Avail	ubidecarenone	
14/10/25	01/01/2000			
	25			
	X000017263			
Length Of Stay	16	Next Interventions	06:00 Nursing Shift Assessment (Adults)	
Account Number	GH0000017087		10:27 Intake & Output	
Current Diets	Modified Diet		10:27 Isolation Status	

Select **Orders**

The screenshot shows the 'Default Provider and Source' dialog box. The 'Provider' field is set to 'Doctor, Expanse'. The 'Source' field is set to 'In Person Instruction'. Other options include 'Independent clinician order', 'Resident Doctor', 'Email/Electronic Message', 'NMP', 'Other EHR', 'Prescriber contacted', 'Prescriber not contacted', 'Paper', 'PGD', and 'Midwives exemption'.

Press **Cancel** to the **Default Provider and Source** box

The screenshot shows the 'Orders' list. A transfusion instruction is listed with the following details:

ORDERS BY NAME	PROVIDER	STOP DATE *	STATUS
Are you completing the transfusion instruction? No Adult Transfusion Instruction Routine	Doctor, Expanse3	30/10/25 17:04	Incomplete
Transfusion instruction and order ID number: 13 Are you completing the transfusion instruction? No			

Select **Current** and locate the **Instruction**. If the answer to the question **Are you completing the transfusion instruction?** is **NO** and the **Status** is **Incomplete**

Locate the Doctor to complete the **instruction**

2. Part 2 - DOCTOR COMPLETES INSTRUCTION

The screenshot shows the patient summary page for Seema Britto. The 'Blood Bank' section is expanded, showing the transfusion instruction completed. The 'Blood Bank' section includes:

Item	Order	Quantity	Unit
Red Blood Cells	1	3	
Irradiated Red Blood Cells	0	1	

The 'Status' of the instruction is now 'Completed'.

Locate the patient and select **Orders**

Locate the patient and select **Orders**

Select **Current** and find the **Instruction**

Click on the order and complete the **Default Provider and Source** box

Press the  button

This launches you into the **Instruction**

The the question **Are you completing the transfusion instruction?**, select **Yes**

Orders

CURRENT | ENTER | RECONCILE

Medications by: Generic Name

ORDERS BY: CATEGORY | PROVIDER | DATE

Blood Bank

OM Access: ALL

Consent

Transfusion consent information: Transfusion information must be provided to the patient (or where relevant their advocate) explaining:

- The risks and benefits associated with the blood component(s)
- The alternatives to the blood component(s)
- The blood transfusion process and side effects
- Any transfusion needs specific to them
- That patients are no longer eligible to donate blood
- Patients should be encouraged to ask questions

Transfusion consent: patient consented

Blood component to be transfused: red blood cells

Transfusion Details

* Transfusion reason RBC: R4 chronic transfusion-de

* Transfusion reason red cells (long text): R4 chronic transfusion-dependent anaemia

* Number of units: 1

* Rate of transfusion (hrs/unit): 3hrs/unit

Weight

* What is the patient's weight?: 80 kg

TACO

Transfusion Associated Circulatory Overload (TACO)

- Heart failure, congestive cardiac failure (CCF), severe aortic stenosis or moderate to severe left ventricular dysfunction?
- On a regular diuretic?
- Severe anaemia?
- Pulmonary oedema?
- Undiagnosed respiratory symptoms?
- Is the fluid balance significantly positive?
- Receiving intravenous fluids (or received them in the previous 24 hours)?
- Any peripheral oedema?
- Hypalbuminaemia?
- Significant renal impairment?

* Does the patient have any risk factors: Yes No

Special requirements

Special requirements: The first time the patient shows indications for special requirements, an Irradiated and Specialist Blood Components Communications Document (shared care form for special requirements) must be completed by the patient's clinical team and sent to the HCA Transfusion Laboratory.

* Transfusion special requirements: CMV negative, irradiated blood

Additional information or comments: Expanse test

Problem: [dropdown]

Diagnosis Code: [dropdown]

* Start Date: Today

Start Time: 17:04

This defaults queries required for the **Instruction**

Specific queries will pull in depending on the answer to the question **Blood component to be transfused**

Complete all fields **Number of units** and **Rate of transfusion** are free text boxes

Order Summary

CURRENT | ENTER | RECONCILE | SAVE | 1

ORDERS

ORDERS	DATE	STATUS
Adult Transfusion Instruction Routine Transfusion instruction and order ID number: 13 Are you completing the transfusion instruction?: Yes	30/10/25 17:04	Edited

Once complete press **Save** and enter your **PIN**

Orders

CURRENT | ENTER | RECONCILE

Medications by: Generic Name

ORDERS BY: CATEGORY | PROVIDER | DATE | STATUS

Blood Bank

Adult Transfusion Instruction Routine
Transfusion instruction and order ID number: 13
Are you completing the transfusion instruction?: Yes

PROVIDER	DATE	STATUS
Doctor, Expanse3	30/10/25 17:04	Ordered

Status is now **Ordered**

SOS BLOOD AND MAJOR HAEMORRHAGE

Blood component to be transfused

What is the patient's weight?

Weight

Blood component to be transfused

Emergency Transfusion

Units/mls of RBC transfused

Units/mls of PLTS transfused

Units/mls of FFP transfused

Units/mls of CRYO transfused

Retrospective consent

TACO

Blood component(s) order

If SOS blood or a Major Haemorrhage has been activated, once the emergency is over or the MH has been stood down, the Doctor must go and place a retrospective **Instruction and Request Order set**

To the query **Blood component to be transfused**, select the correct option and complete the queries

An order to the lab does not need to be placed

Press **Submit** and **Save** and enter your **PIN**