

EPMA CMM v8

Prescribing Oxygen and checking flow rate

Prescribing oxygen on EPMA

1. Select 'Add Drug' on the 'Inpatient Rx' tab

TEST, Testman		Born 26-Mar-1985 (39 y)	Gender Male	National No.
Address		Hospital No. 26031985	Allergy Status Recorded allergies	
Consultant TEST NON CONSULTANT, DOC...	Ward Z *Test Ward*	Body Surface Area 1.35 sqm	Weight 76 kg	Height 108 cm

Communication zone

ADD DRUG ALL ORDERS PREVIOUS CARE EPISODE BULK CHANGE DRUG CLINICAL INFORMATION PATIENT NOTES HELP

Inpatient Rx Discharge Rx Short Term Leave Rx Discontinued Rx Monitoring & Assessment Conflict Log Administration Legend

2. Search 'oxygen' and select the drug titled 'Oxygen:Target Saturation 88-96% -adjust flow rate to achieve'

Treatment Search

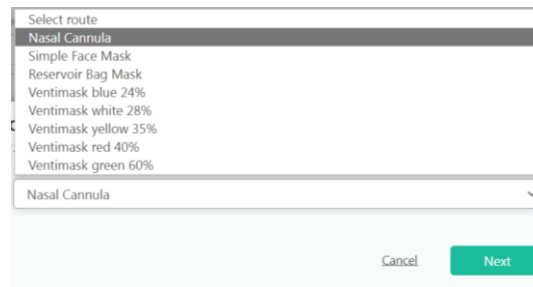
Communication zone

Drug Protocol Infusion

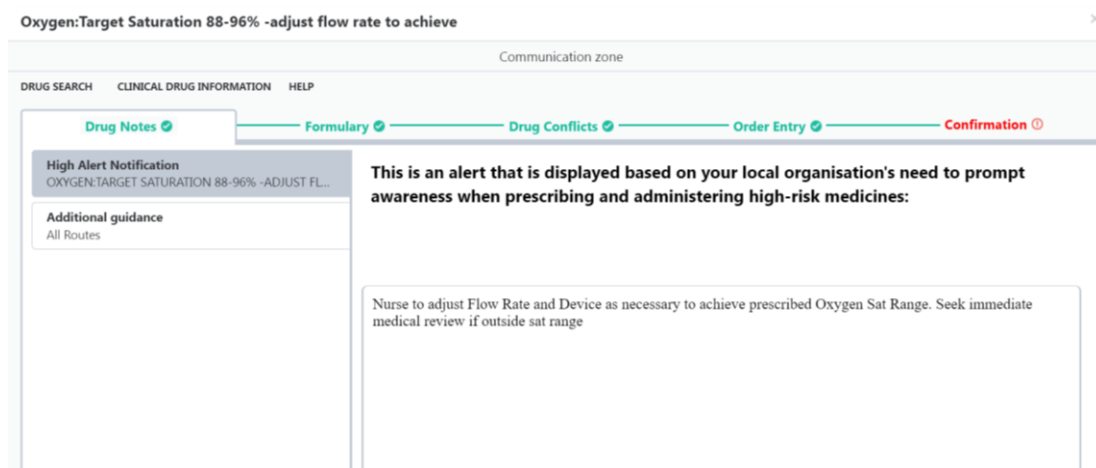
oxygen Search Clear Show all Help More search options

Drug Name	Route	Formulary Status	Drug Notes	Comments
<p>PRIORITY DRUGS</p> <p>NON-PRIORITY DRUGS</p> <p>NON-PRIORITY DRUGS</p> <p>HIGH ALERT DRUGS</p>				
Oxygen:Target Saturation 88-96% -adjust flow rate to achieve	Nasal Cannula	Formulary	View notes	Alert

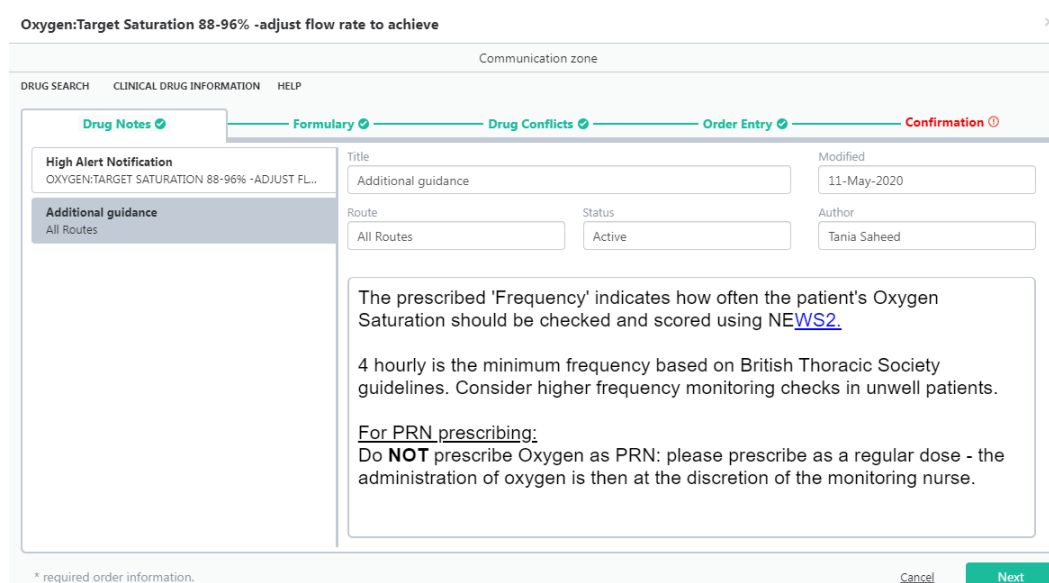
3. Select the appropriate route of administration from the drop-down menu – the default route is “Nasal Cannula”



4. The following ‘Drug Note’ below will appear at the point of prescribing and before each administration. A mandatory acknowledgement of the High Alert notification is required in order to proceed



The drug note also has additional guidance that will need to be selected for viewing and acknowledgement.



5. In the 'Order Entry' page, the flow rate can be specified as the 'dose'. The frequency acts as a flow rate checking interval; this will default to a frequency of 'check flow every 4 hours'. Instead of an administration occurring every 4 hours, this will act as a prompt to nurses to ensure the flow rate is correct every 4 hours. The patient will receive a continuous flow of oxygen throughout the day.

Oxygen:Target Saturation 88-96% -adjust flow rate to achieve

Communication zone

DRUG SEARCH ADD ORDER NOTE CLINICAL DRUG INFORMATION HELP

Drug Notes Formulary Drug Conflicts Order Entry Confirmation

Regular Order

Dose * 1 Adjust Flow Rate Accordingly Dose calculator

Frequency * 4HOURLYOX - Check Flow Every 4 Hours Other frequency

Route * Nasal Cannula Site of Admin. Select a site of admin.

Start on * 30-Jul-2024 11:09 First Administration 30-Jul-2024 11:09

Days of treatment

Doses of treatment

Stop on * dd-MMM-yyyy Last Administration

Medicines Management

☐ Admitted on this drug

* required order information.

Cancel Next

6. In the 'Confirmation' tab, check the prescribing is correct and select 'Confirm'

Oxygen:Target Saturation 88-96% -adjust flow rate to achieve

Communication zone

DRUG SEARCH CLINICAL DRUG INFORMATION HELP

Drug Notes Formulary Drug Conflicts Order Entry Confirmation

Legend

The following orders will be added

REGULAR LOW STOCK HIGH ALERT

Oxygen:Target Saturation 88-96% -adjust flow rate to achieve

Dose 1 Adjust Flow Rate Accordingly Route Nasal Cannula

Frequency 4HOURLYOX - Check Flow Every 4 Hours

Rx on 30-Jul-2024 13:49 Stop on

BNF Miscellaneous Prescriber MISS POONAM DIVANI

Date July... August 2024

Day 30 31 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25

03:00

07:00

11:00

15:00

19:00

23:00

Friday, 16-Aug-2024

7. The screenshot below shows how oxygen will appear on the 'Inpatient Rx' tab once prescribed. Please note the '!' symbol in the daily dose tracker indicates a check has been missed or is pending; the '2' indicates that there is more than one planned administration (flow rate check), not yet occurred

TEST, Testman

Born 26-Mar-1985 (39 y) Gender Male National No.

Address Hospital No. 26031985 Allergy Status Recorded allergies

Consultant TEST NON CONSULTANT, DOC... Ward Z *Test Ward* Body Surface Area 1.35 sqm Weight 76 kg Height 108 cm

You have successfully created the order.

ADD DRUG ALL ORDERS PREVIOUS CARE EPISODE BULK CHANGE DRUG CLINICAL INFORMATION PATIENT NOTES HELP

Inpatient Rx Discharge Rx Short Term Leave Rx Discontinued Rx

Monitoring & Assessment Conflict Log Administration

View: Legend

REGULAR HIGH ALERT

Oxygen:Target Saturation 88-96% -adjust flow rate to achieve

Dose 1 Adjust Flow Rate Ac... Rx on 31-Jul-2024 10:03 Route Nasal Cannula Directions Check Flow Every 4 Hours

28-JUL-2024 29-JUL-2024 30-JUL-2024 31-JUL-2024 01-AUG-2024 02-AUG-2024 03-AUG-2024

!

2

2

2

Checking oxygen flow rate on JAC EPMA

It is important to note that oxygen is prescribed as a continuous flow and **should not be disconnected**; the patient will receive a continuous flow of oxygen throughout the day. Therefore, the nurse carrying out the administration will not be administering multiple doses of oxygen a day. Instead, the administration will act as a checkpoint at which the flow rate should be checked. Once the flow rate has been checked, the nurse should 'chart dose'.

- **If checking flow rate using Quick Chart:**

1. Once the oxygen flow rate has been checked against the prescribed 'L/min' dose on the NEWS2 chart, select the tick box highlighted in the screenshot below

The screenshot shows the 'Quick Chart' window with a table of medication entries. The table has columns: Due Date & Time, Drug Name, Dose, mL, Route, Non-Administration, Administered Date & Time, and Select. A row is highlighted for 'Regular Medication' with the following details: Due Date & Time: 31-Jul-2024 @ 10:03, Drug Name: Oxygen:Target Saturation 88-96%..., Dose: 1 Adjust FL..., Route: Nasal Cannula, Non-Administration: Please select, Administered Date & Time: dd-MMM-yyyy. A red box highlights the tick box in the 'Select' column for this row. Below the table, there is a 'Witnessing - Administration' section with fields for 'Witness Username' and 'Witness Password', and buttons for 'Cancel', 'Chart & Witness Override', and 'Chart'.

2. The below pop-up will appear with guidance around target saturations and another reminder that oxygen should not be disconnected. This requires a mandatory acknowledgement in order to proceed

The screenshot shows the 'Quick Chart' window with a pop-up alert. The alert has a title 'High Alert Notification' and a subtitle 'OXYGEN:TARGET SATURATION 88-96% -ADJUST FLO...'. The main text of the alert reads: 'This is an alert that is displayed based on your local organisation's need to prompt awareness when prescribing and administering high-risk medicines: Nurse to adjust Flow Rate and Device as necessary to achieve prescribed Oxygen Sat Range. Seek immediate medical review if outside sat range'. There are buttons for 'Cancel' and 'Acknowledge' at the bottom right.

There is also an additional guidance note which needs to be clicked for viewing and acknowledged before proceeding to administration.

Quick Chart

Communication zone

CLINICAL DRUG INFORMATIONHELP

High Alert Notification

OXYGEN:TARGET SATURATION 88-96% -ADJUST FLO...

Additional guidance

All Routes

Title

Additional guidance

Modified

11-May-2020

Route

All Routes

Status

Active

Author

Tania Saheed

The prescribed 'Frequency' indicates how often the patient's Oxygen Saturation should be checked and scored using [NEWS2](#).

4 hourly is the minimum frequency based on British Thoracic Society guidelines. Consider higher frequency monitoring checks in unwell patients.

For PRN prescribing:
Do **NOT** prescribe Oxygen as PRN: please prescribe as a regular dose - the administration of oxygen is then at the discretion of the monitoring nurse.

Cancel

Acknowledge

- Once acknowledged, the below screenshot will appear. Select 'Chart' to indicate the flow rate has been checked

Quick Chart

Communication zone

CLINICAL DRUG INFORMATIONHELP

Due Date & Time	Drug Name	Dose	mL	Route	Non-Administration	Administered Date & Time	Select
Regular Medication							
31-Jul-2024 @ 10:03	Oxygen:Target Saturation 88-96% ...	1 Adjust FL...		Nasal Cannula	Please select	31-Jul-2024 10:08	<input checked="" type="checkbox"/>
PRN Medication							
STAT Medication							

Witnessing - Administration

Witness Username

Witness Password

Cancel

Chart & Witness Override

Chart

- If checking flow rate using the Administration tab:

- Select 'Oxygen - Target Sat 88-96% - adjust flow rate accordingly'

TEST, Testboy

Age 88-Jun-1994 (25 y)

Gender Unspecified

NHS No. 999 999 9999

Address

Consultant TESTDOCTORCONSULTANT, T...

Ward Z "Test Ward"

Register No. 999999999999

Height 1.87 m

Weight 80 kg

Height 173 cm

Communication zone

QUICK CHART

CHARTING OVERVIEW

PATIENT NOTES

ORDER MEDICINES

ADMINISTRATION SOUND

HELP

Inpatient Rx

Discharge Rx

Short Term Leave Rx

Discontinued Rx

Monitoring & Assessment

Conflict Log

Administration

Regular Medicines (3)

PRN Medicines

Infusions

Infusion Change

View

Legend

Oxygen:Target Saturation 88-96% -adjust flow rate...

Flow 1 Adjust Flow Rate Acc...

Route Nasal Cannula

Frequency Check Flow Every 4 Hours

May 2020

June 2020

- The below pop-up will appear with guidance around adjustment that may be made to achieve target ranges and additional notes on minimum frequency of monitoring. The acknowledgement of the notes is mandatory in order to proceed. Select 'Next' in the bottom right-hand corner

- Once acknowledged, the below screenshot will appear. Select 'Chart Dose' to indicate the flow rate has been checked

Document Control

Version	Date	Author / Editor	Details of Change
1..0			
1.3	31.07.2024	Poonam Divani	Change in home screen new cmm logo and home screen page, added new clear screen shots as blurred on previous guide

Approval Sign Off for Final Release				
Owner	Role	Sign Off	Date	Version
Approver	Role	Sign Off	Date	Version

The latest approved version of this document supersedes all other versions, upon receipt of the latest approved version all other versions should be destroyed, unless specifically stated that previous version(s) are to remain extant. If any doubt, please contact the document author.