

Heather White, MPH, Program Director

Lindsey Simoncini, Clinical Research Coordinator

### RECORDED HOME OXIMETRY (RHO) IMPLEMENTATION: BASELINE DATA COLLECTION





# SECTION 1: VON VARIABLES

Please see VON abstraction information sheet for additional guidance.



### **VON Query**

- You must have access to the VON Nightingale Reporting System to abstract data from VON
- The entire process takes approximately 15-20 minutes to complete (see next slides for walkthrough)
- Your team will be provided with a walkthrough presentation and instruction sheet



### Step 1: Log In



- Please contact your VON administrator(s) if you do not have access to the Nightingale Reporting System
- Go to the VON website: <u>www.vtoxford.org</u>
- Log in by clicking the orange "Log in" button and entering your log in information

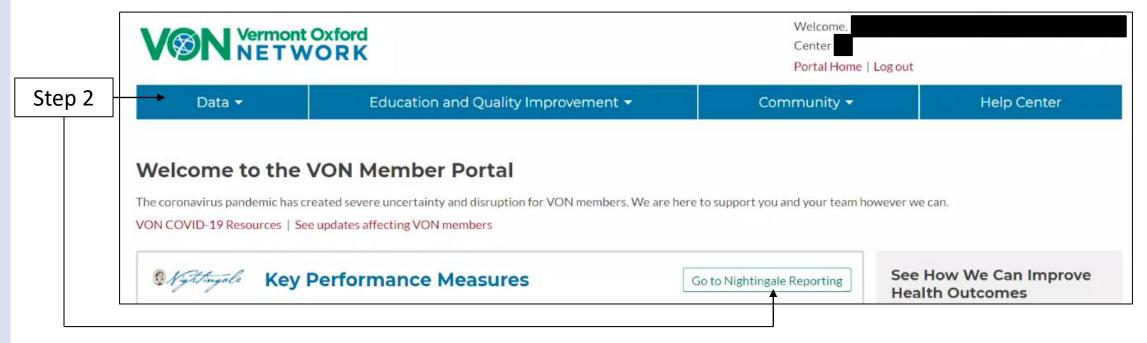




### Step 2: Navigate to Reporting



 Click "Go to Nightingale Reporting" or select "Nightingale Reporting" from the "Data" dropdown





### Step 3: Set Parameters



Step 3

Comparison Groups

Group 1 (Box)

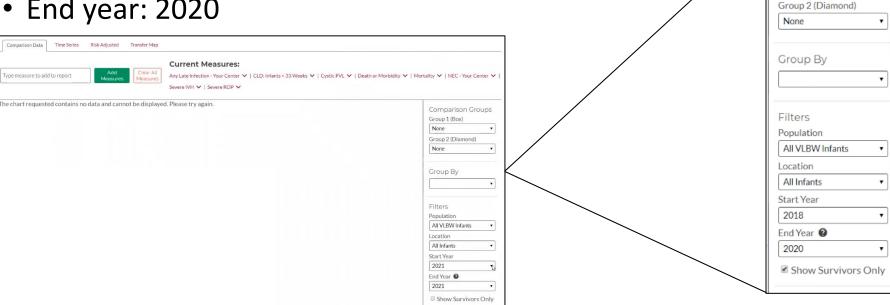
• In the right panel, set the following parameters:

Population: All VLBW Infants

• Location: All Infants

Start Year: 2018

• End year: 2020

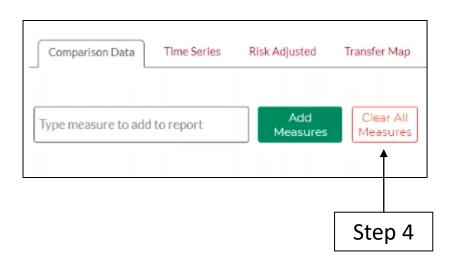


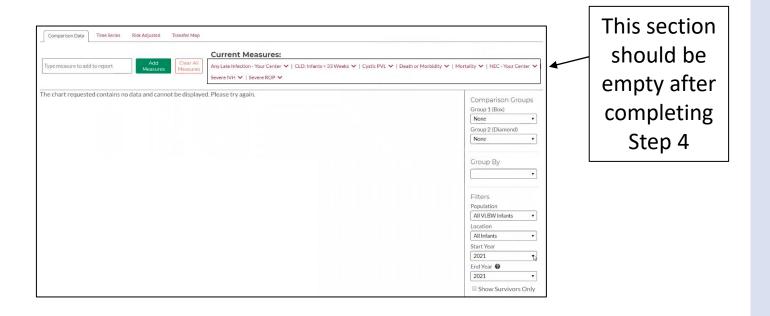


### Step 4: Clear All Measures



- Click "Clear All Measures"
- After you complete this step, there should be no measures listed under "Current Measures"



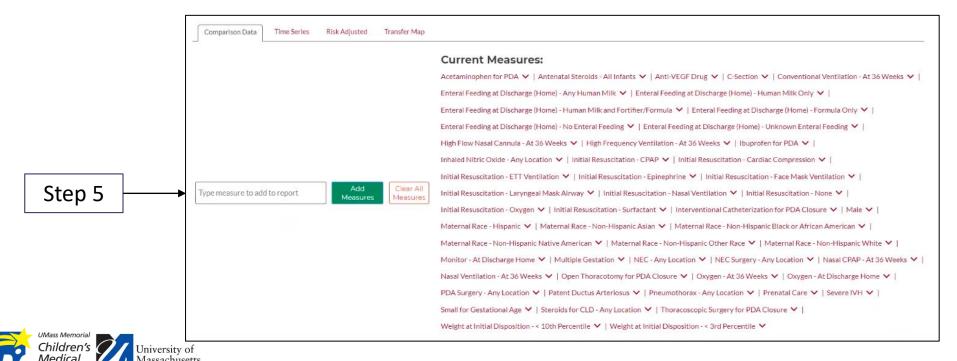








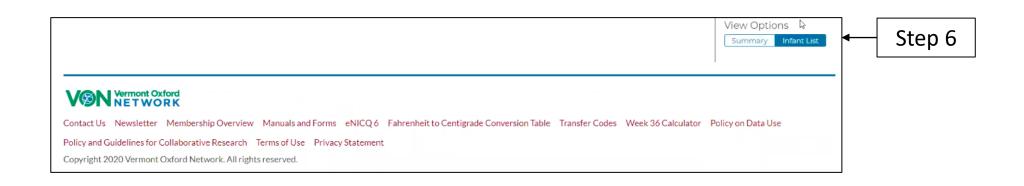
- Using the "Type measure to add to report" functionality, select all the measures outlined in the written
  instructions included in this toolkit
- Click "Add Measures" once they have been selected
- Your list should resemble the one below once all measures have been added



### Step 6: Adjust Your View



- Scroll to the bottom of the screen
- Under "View Options," select "Infant List"
  - If Infant List is already selected, skip this step

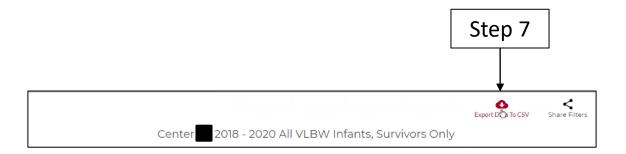




### Step 7: Export CSV File



- Click "Export Data to CSV" and download the report
- Open the CSV file to ensure that it has downloaded correctly

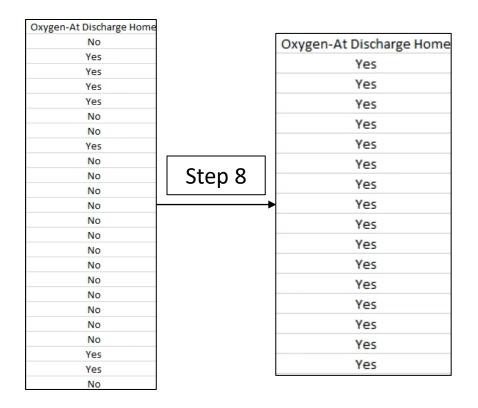




### Step 8: Filter CSV File

Recorded Home Oximetry

- With the CSV file open, navigate to the column that says "Oxygen- At Discharge Home"
- Delete any row that contains "No" or is blank
- Repeat this step with the column "Monitor-At Discharge Home"





## Step 9: Send File to UMass for Upload RHC

- Please email the edited CSV file to <a href="Maria.Matoshi@umassmed.edu">Maria.Matoshi@umassmed.edu</a> and cc Lindsey.Simoncini@umassmed.edu and Heather.White@umassmed.edu
- Once received by UMMS, the study team will upload it into a secure REDCap database



# SECTION 2: OTHER BASELINE VARIABLES



### Outpatient Baseline Variables



Some variables not available from VON will need to be collected to establish proper baselines



CSV file and operational definition list will be provided



Additional variables include HOT duration, number and timing of adverse events, and days of invasive mechanical ventilation



To ensure accurate linking of the VON variables to the outpatient variables, the infant's ID for the additional baseline variable collection will be their VON ID





### Outpatient Baseline Variables (cont.)

#### Example spreadsheet

Record ID	Referring NICU	How many days was the infant on a ventilator?	What was the infant's initial oxygen flow rate at NICU discharge? (cc/min)	NICU Length of Stay (days)	Home Oxygen Therapy Duration (days)
123-456	UMass	16	500	110	52
123-457	UMass	4	250	60	50
123-458	UMass	22	125	98	47
123-459	UMass	8	125	45	31
123-460	UMass	12	1000	125	72
123-461	UMass	2	125	72	40



### Send File to UMass for Upload

- Please email the edited CSV file to <a href="Maria.Matoshi@umassmed.edu">Maria.Matoshi@umassmed.edu</a> and cc <a href="Lindsey.Simoncini@umassmed.edu">Lindsey.Simoncini@umassmed.edu</a> and <a href="Heather.White@umassmed.edu">Heather.White@umassmed.edu</a>
- Once received by UMMS, the study team will upload it into a secure REDCap database

# SECTION 3: FREQUENTLY ASKED QUESTIONS



### Send File to UMass for Upload

#### Q: Do I need to send the VON data and other baseline data sent to UMMS at the same time?

A: No, data can be sent separately or together. The infant's ID will serve as a link between their VON data and their other baseline data.

### Q: My site has limited research support. What if I'm unable to provide all the data variables?

A: We understand that sites will have varying levels of data collection support. Please reach out to the study team with any concerns.

#### Q: Who do I contact with questions regarding baseline data collection?

A: Please contact <u>Lindsey.Simoncini@umassmed.edu</u> and <u>Maria.Matoshi@umassmed.edu</u> with any questions. They will be escalated to other study team members on an as needed basis.

