

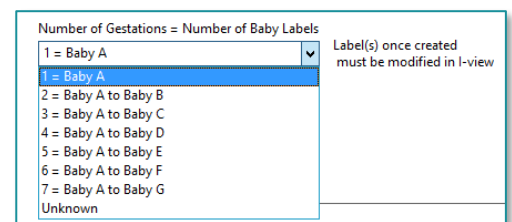
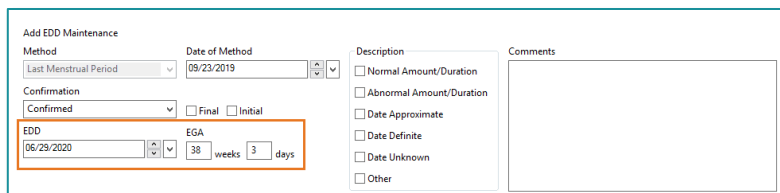
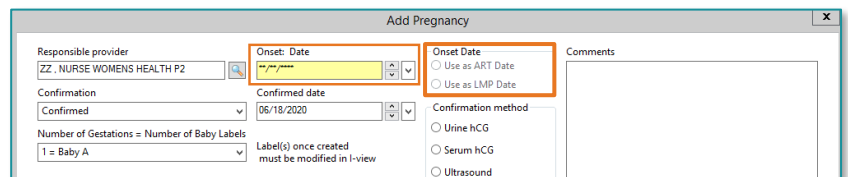
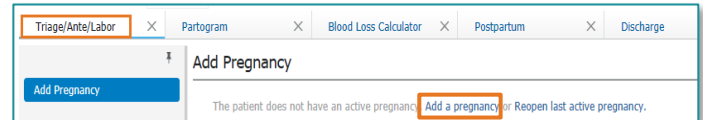
PowerChart Maternity is an application that integrates ambulatory and inpatient documentation throughout a patient's pregnancy. There are multiple view points in the electronic medical record to aid in the documentation process.

## Women's Health View Points

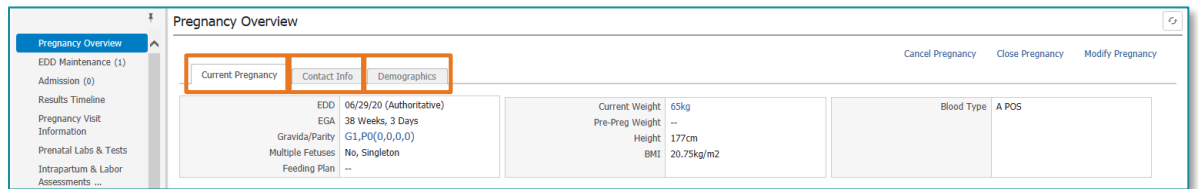
There are multiple view points in the Women's Health View that have varying functionality.

### ➤ Triage/Ante/Labor

- Adding a Pregnancy
  - The Women's Health components on the Triage/Ante/Labor MPage aren't viewable until the patient has a documented active pregnancy.
  - The majority of patients will be within the Northern Light Health (NLH) System and should have an active pregnancy in the system. In the event the patient is from outside the NLH system or doesn't have an active pregnancy in the system, one will need to be added.
- To **Add a Pregnancy**, complete the following steps:
  - Click **Add a Pregnancy**. The Add Pregnancy window is displayed.
  - Enter an Onset Date that corresponds to the beginning of the pregnancy, typically the LMP, if known.
  - The options for **Use as ART Date** (Assisted Reproductive Technology) and **Use as LMP Date** (Last Menstrual Period) are available. Select the appropriate option to use as the Onset Date.
    - If multiple gestations are known, this can be indicated using the drop down.
    - The EDD and EGA will populate based on the date entered.
    - After you have entered all details, click **OK**. The pregnancy is added.



- Once you have added the pregnancy, all components in the Women's Health view are displayed.
- Pregnancy Overview
  - Displays information regarding the current pregnancy including the EDD, EGA, and Gravida/Para information for the pregnancy.



- Other information found in this component include: the patient's weight and blood type.
- The second tab has **Contact Information** which will include basic demographic information for the patient, emergency contact information, and the Primary Care Physician information.
- The third tab is more demographic information for the patient that includes race, ethnicity, language, marital status, and insurance provider.

- EDD Maintenance

- Populates with the initial information from opening the pregnancy and updates throughout the pregnancy with ultrasounds.
- The date with the checkmark in front of it is the date being used for the EDD.

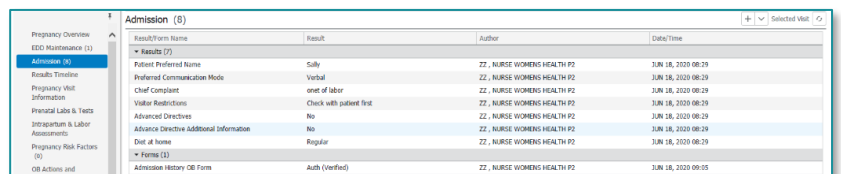


- Admission

- From this component, you will do your Admission History OB Form and Maternal Fetal Triage Index (MFTI).
- There is a drop down on the right-hand side of the component where these forms will be accessed.

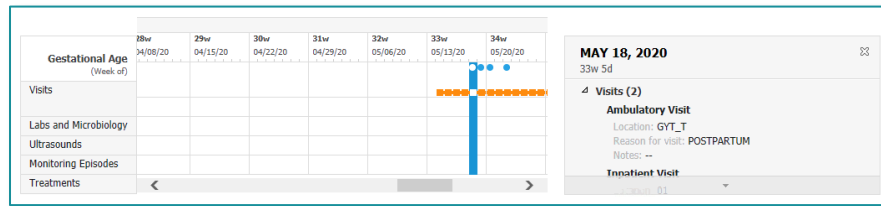
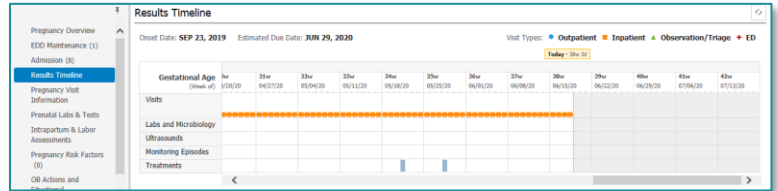


- After they are documented, these will display in the component and portions of the documentation will populate to the components in the chart.



- Results Timeline

- This timeline begins with the onset of the pregnancy and displays until the patient delivers.
- On this timeline, there are indicators for when the patient had an outpatient visit, inpatient admission, was seen for Observation/Triage, and an Emergency Department visit.
  - These are indicated with a blue circle for outpatient, an orange square for inpatient, a green triangle for observation, and a red plus sign for the Emergency Department.
- On the graph, there are also indicators for Labs and Microbiology, Ultrasounds, Monitoring Episodes, and Treatments.
- When you click the icon, it will display the date and location of the visit.



- Fetal Monitoring

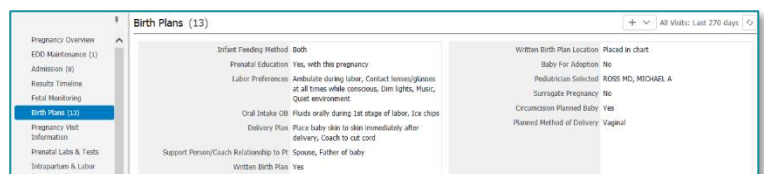
- All episodes of fetal monitoring that have been finalized and sent to archive will be visible here.
- The number of episodes available will be displayed in parentheses.
- These may be episodes that took place in the clinic or hospital.
- To view, click the box to indicate the episode you wish to view, then click **Launch**.

Start Date/Time	Stop Date/Time	EGA at Start	Reason for Monitoring
<input checked="" type="checkbox"/> May 27, 2020 11:39	May 28, 2020 09:17	29 Weeks 2 Days	test
<input type="checkbox"/> May 26, 2020 11:22	May 26, 2020 11:43	29 Weeks 1 Days	Triage evaluation
<input type="checkbox"/> May 26, 2020 07:40	May 26, 2020 11:18	29 Weeks 1 Days	Non-Stress Test
<input type="checkbox"/> May 19, 2020 18:07	May 25, 2020 13:29	28 Weeks 1 Days	Non-Stress Test
<input type="checkbox"/> May 14, 2020 15:54	May 14, 2020 17:36	27 Weeks 3 Days	Non-Stress Test
<input type="checkbox"/> May 14, 2020 11:19	May 18, 2020 11:56	27 Weeks 3 Days	Non-Stress Test

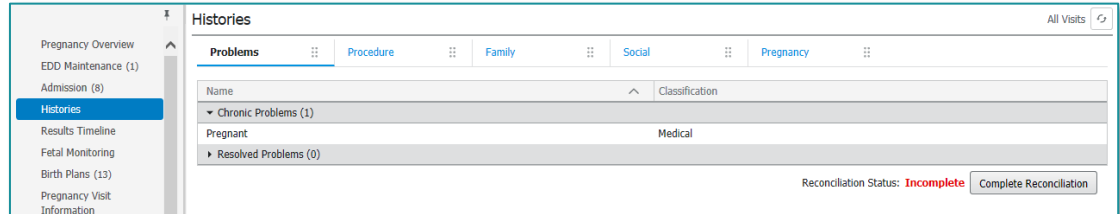
1 of 3 Launch Clear

- Birth Plans

- This component will display information from the nursing intake with what the patient wants for her birthing plan.
- This component can be updated by nursing or the provider throughout the pregnancy.

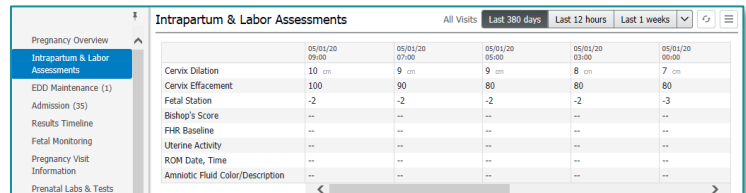


- Histories – Pregnancy History
  - This component will display the patient's Problem, Family, Social, and Pregnancy histories.

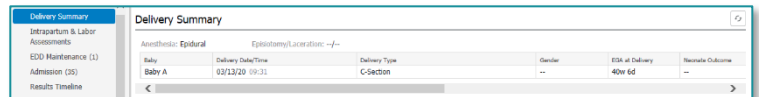


- Problem and Procedure histories may be updated by clicking the Histories link in the component. Social and Pregnancy histories are updated through the Admission History OB Form.

- Intrapartum and Labor Assessments
  - The information in this component flows to this component from Interactive View and I & O documentation.



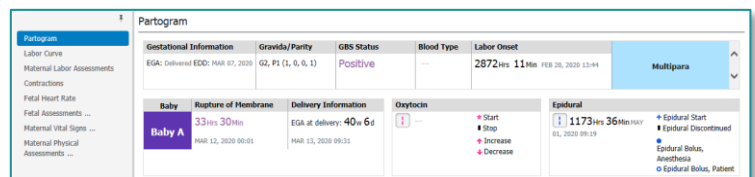
- Delivery Summary
  - The information in this component flows to this component from Interactive View and I & O documentation.
  - Information in this component include: Delivery Date/Time, Delivery Type, Gender, EGA at Delivery, Neonate Outcome, Weight, APGAR Score, Neonate Complications, Feeding.
  - This will be complete after the delivery of the baby and all documentation is completed by nursing.



➤ Partogram

The Partogram MPages view is a valuable tool in identifying early deviations from the normal progress of active labor.

**NOTE:** The Labor Onset Date and Time must be documented for the Partogram to open and populate with information.

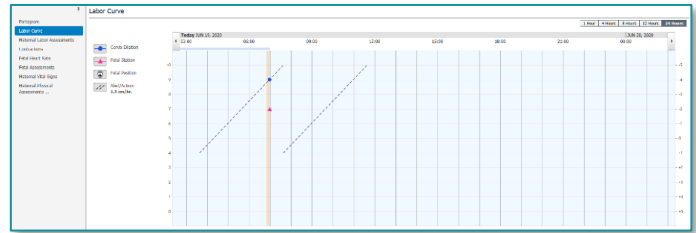


- Partogram
  - Information displayed in this component is Gestational Information: Estimated Gestational Age (EGA), Gravida/Parity, Group B Strep (GBS) Status, Blood Type, Labor Onset, MEOWS, Rupture of Membrane, Oxytocin, and Epidural Information.



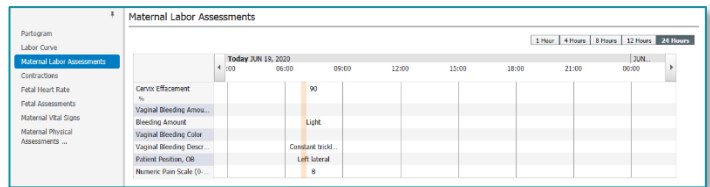
- Labor Curve

- The Labor Curve component allows providers and clinicians to view the progression of cervical dilation, fetal descent, and fetal position changes in a graphical display.
- Fetal position will display the following positions: Occiput Anterior, Left Occiput Anterior, Right Occiput Anterior, Occiput Posterior, Left Occiput Posterior, Right Occiput Posterior, Left Occiput Transverse, Right Occiput Transverse.



- Maternal Labor Assessments

- Information populates from Interactive View and I & O documentation.
- Information displayed includes: Cervix Effacement, Vaginal Bleeding Amount, Vaginal Bleeding Color, Vaginal Bleeding Description, Patient Position, and Numeric Pain Scale.
- The timeframe can be changed from 1 hour up to 24 hours.

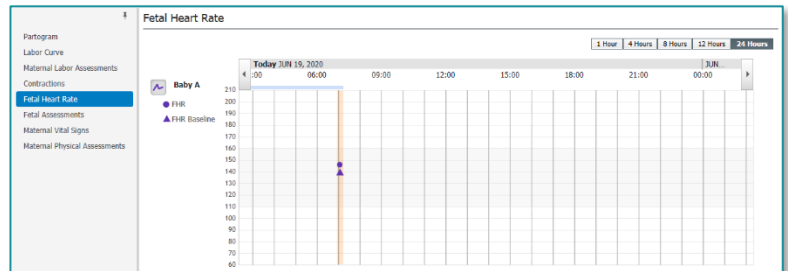


- Contractions

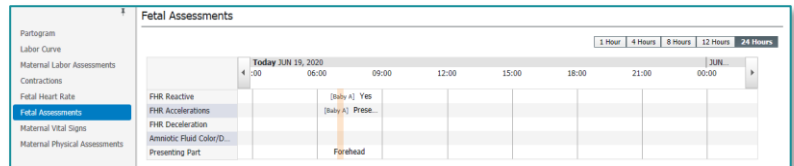
- Plots out in the Contraction section from information documented in Interactive View and I & O.
- A graph indicating contraction strength will display with the description being indicated with a different color.
- Intensity levels are No Intensity Documented, Not Palpable, Mild, Moderate, and Strong.
- The timeframe can be changed from 1 hour up to 24 hours.



- Fetal Heart Rate
  - Populates from information documented in iView.
  - Information displays in a graph format that includes the Fetal Heart Rate and the Fetal Heart Rate Baseline.



- Fetal Assessments
  - Information displayed includes:
    - Fetal Heart Rate Reactive
    - Fetal Heart Rate Accelerations
    - Fetal Heart Rate Decelerations
    - Amniotic Fluid Color/Description
    - Presenting Part



- This information displays in a grid with a timeline that can be adjust from 1 hour to 24 hours.

- Maternal Vital Signs
  - Documentation populates based on information populated in iView.
  - Information is displayed along a timeline that can be adjusted from 1 hour to the past 24 hours
  - Vital Signs displayed are: Blood Pressure, Heart Rate (Monitored), SpO2, and Respiratory Rate. Each of these are indicated with a different symbol.



- Maternal Physical Assessments
  - Documentation populates based on information populated in iView.
  - The information is displayed in a timeline manner and include:

- Protein Urine Dipstick
- Ketones Urine Dipstick
- Glucose urine Dipstick
- Left Knee Reflex
- Right Knee Reflex
- Clonus
- Level of Consciousness

Assessment	06:00	09:00	12:00	15:00	18:00	21:00	00:00
Protein Urine Dipstick		1+ (30 mg/d)					
Ketones Urine Dipstick							
Glucose Urine Dipstick							
Left Knee Reflex		1+					
Right Knee Reflex		1+					
Clonus		Not present					
Level of Consciousness		Alert					

➤ Postpartum

- Components are similar to the other MPages.
- Components that are unique to this page are: Delivery Summary, Postpartum Assessments, Intrapartum and Labor Assessments, and Lactation.

Assessment	06/19/20 07:00
Fundal Height Postpartum	At Umbilicus
Fundal Position	Right of umbilicus
Fundal Tone	Firm
Lochia Color	Alba
Lochia Amount	Light
Lochia Description	--
Perineal Interventions	--
Breasts Postpartum	Filling
Nipples Postpartum	Everted
Patient Affect Postpartum	--

- Information on these components will be populated based on documentation from Interactive View and I & O.
- The Lactation component information displays from the Breast Assessment Band in iView.
- Pregnancy Overview will display as the baby being delivered.
  - The Gs/Ps will not update until the pregnancy is closed upon discharge from the hospital.

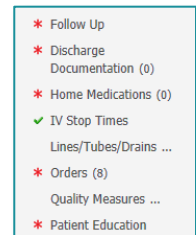
Result/Form Name	Result	Author	Date/Time
Length of Time Left	5 minutes	ZZ, NURSE WOMENS HEALTH P2	JUN 19, 2020 10:00
Length of Time Right	3	ZZ, NURSE WOMENS HEALTH P2	JUN 19, 2020 10:00
Latch	Grasps breast, Tongue down, Rhythmic sucki...	ZZ, NURSE WOMENS HEALTH P2	JUN 19, 2020 10:00
Audible Swallowing	Spontaneous and intermittent audible swallo...	ZZ, NURSE WOMENS HEALTH P2	JUN 19, 2020 10:00
Hold Type	Cradle hold	ZZ, NURSE WOMENS HEALTH P2	JUN 19, 2020 10:00
Hold Assistance	Minimal assistance, Teach one side and moth...	ZZ, NURSE WOMENS HEALTH P2	JUN 19, 2020 10:00

➤ Discharge

- This MPage is a page that facilitates the discharge process for the patient and is a joint effort between providers and nurses.
- Areas that have a red asterisk are required elements for the discharge.



- Some of these need to be completed by the provider: Problem list needs to be updated to populate the suggested patient education. The provider also needs to complete their home medication reconciliation. Follow-up can be entered by the provider or nursing. The provider also needs to enter a discharge diagnosis. Once required items are complete, a green checkmark will replace the red asterisk.



- As part of the discharge process, if not previously completed the nursing staff will need to document IV stop times to calculate infusion billing.
- Discharge documentation will be done by accessing the Nursing Discharge Summary Form found in the far right of the component in the drop down.
  - This form will include discharge information, Vital Signs, and the completion of the LACE form (which will help determine when the patient should be seen for a follow-up).



- After all elements are completed, you would click **Patient Discharge Instructions**. If there are any alerts, you would address the alerts.
  - Review the document and add any additional instructions as appropriate.
- When the patient is being discharged from the hospital, use the Rocket Ship icon from the WH Tracking Board. This will launch the conversation launcher.

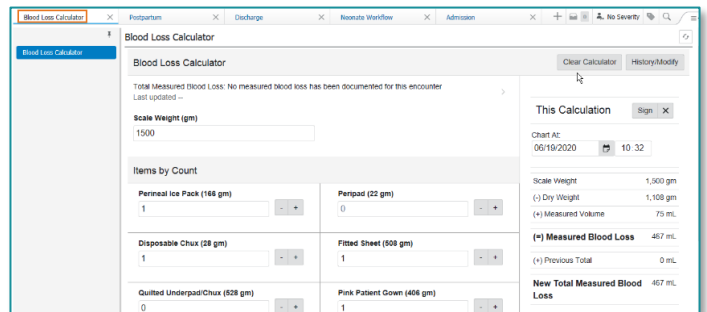


### ➤ Blood Loss Calculator

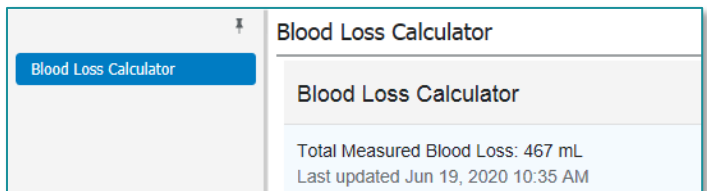
- This page will calculate blood loss based on the dry weight and scale weight of items by count and by volume.
- Each member organization has provided an inventory of items commonly used during delivery.
  - If a vendor changes or new items are added to your inventory, this can be updated to accurately reflect items used and to accurately capture the blood loss for the patient.
  - These changes would be updated in the **Blood Loss Inventory** located in the tool bar.
- To capture blood loss, the following steps would occur.
  - Begin collection of blood loss inventory to determine amount of blood loss for the patient.
  - When measuring blood loss by volume, enter the measured volume directly into the **Blood Loss Calculator** under the **Items by Measured Volume** section. Review the calculations and sign.

- When measuring blood loss by scale measurement, complete the following steps:
  - Place the blood-soaked inventory on the scale to determine overall scale measurement.
  - Enter weight from scale into **Scale Weight** field within the Blood Loss Calculator.
  - Select number of inventory items used in scale measurement under **Items by Count** section of the Blood Loss Calculator.
  - Review calculation totals and sign.

- The blood loss totals will be available within Intake and Output.
- If corrections to the Measured Blood Loss need to be made, this can be done by clicking the **History/Modify** link from within the Blood Loss Calculator.



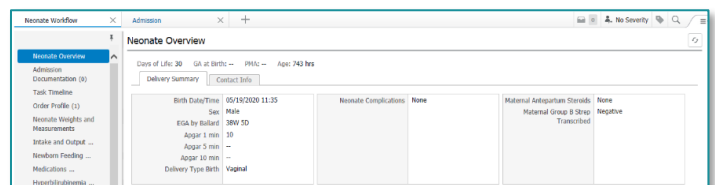
- Select the appropriate button to either Modify or Unchart the Measured Blood Loss.
- Review details and sign the modification.
- Within the calculator, the Total Measured Blood Loss is updated to reflect the new total for the patient.
- In Interactive View and I & O, the Measured Blood Loss will display in Intake and Output based on what is calculated from the Blood Loss Calculator.
- QBL should be documented for at least the first hour of the patient's delivery.



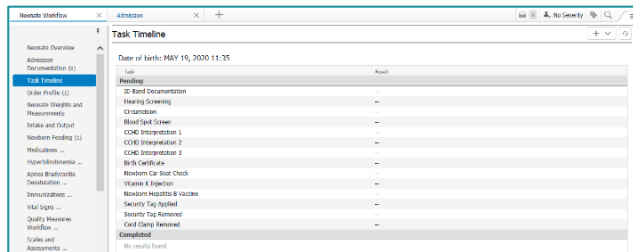
<b>Output Total</b>	467
<b>Urine Output</b>	
Urine Voided	mL
Urine Count	
<b>Stool</b>	
Bowel Elimination	
<b>Misc Output</b>	
Estimated Blood Loss	mL
<b>Miscellaneous Output*</b>	467
Measured Blood Loss	467
<b>Balance</b>	<b>-467 mL</b>

➤ **Neonate Workflow**

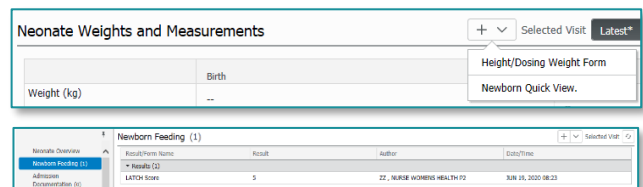
- This page is used to document on the baby and view information about the baby.
- Components unique to the neonate are:
  - Neonate Overview
  - Admission Documentation



■ Task Timeline

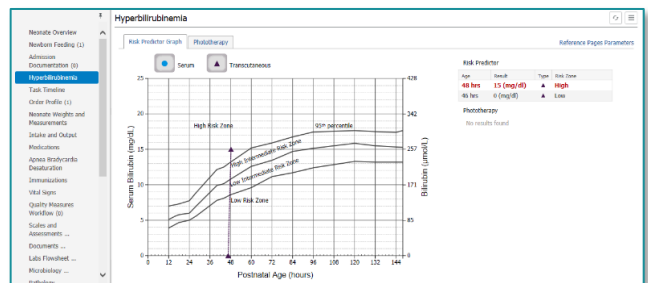


- Neonate Weights and Measures
- Newborn Feeding
- Hyperbilirubinemia



➤ Customizing the MPages

- MPages can be customized to follow your workflow and your preferences.
- Page positions can be moved around by clicking and dragging the name of the page to the desired position.
- Components within the page can be dragged up and down and put in an order that works best for your workflow.
- To revert to the default view, from the upper right-hand side of the page, click the drop down and select Clear Preferences.



➤ Using the Components

- To view a specific component, click the name of the component from the menu within the MPage.
- Each component has a refresh to the far right and allows you to just refresh that component.
- Some components have hyperlinks in the header for the component that will take you to other areas of the chart.
- Some components also have drop downs for filters and filters for timeframes of documentation that is being viewed.