



Release – July 17, 2024	3
Site Selected Dashboard	3
Release – May 20, 2024	4
Processing Enhancements.....	4
Breakdown by Location Graph Upgrades	4
Location Filter Upgrades	4
Release – April 8, 2024.....	5
Final Phase-Out of Specified Measures from the QI Dashboard	5
Measure Selection Tool Adjustment: Limited Interaction with Selected Measures	5
Release – March 11, 2024.....	6
Pulmonary Measure Summary Page Update	6
Institutional Benchmarking.....	6
Release – January 15, 2024.....	7
Provider Summary Page	7
Results Reasons Donut Chart	7
Integration with MPOG Case Viewer.....	7
Provider Comparison graph.....	7
Example Screenshot	8
Release – December 15, 2023	9
Case Attributes Filter.....	9
Surgical Service Filter	9
Location Filter.....	10
Release – November 20, 2023	11
Demographics Filter	11
Age	11
Sex.....	12
Race	12

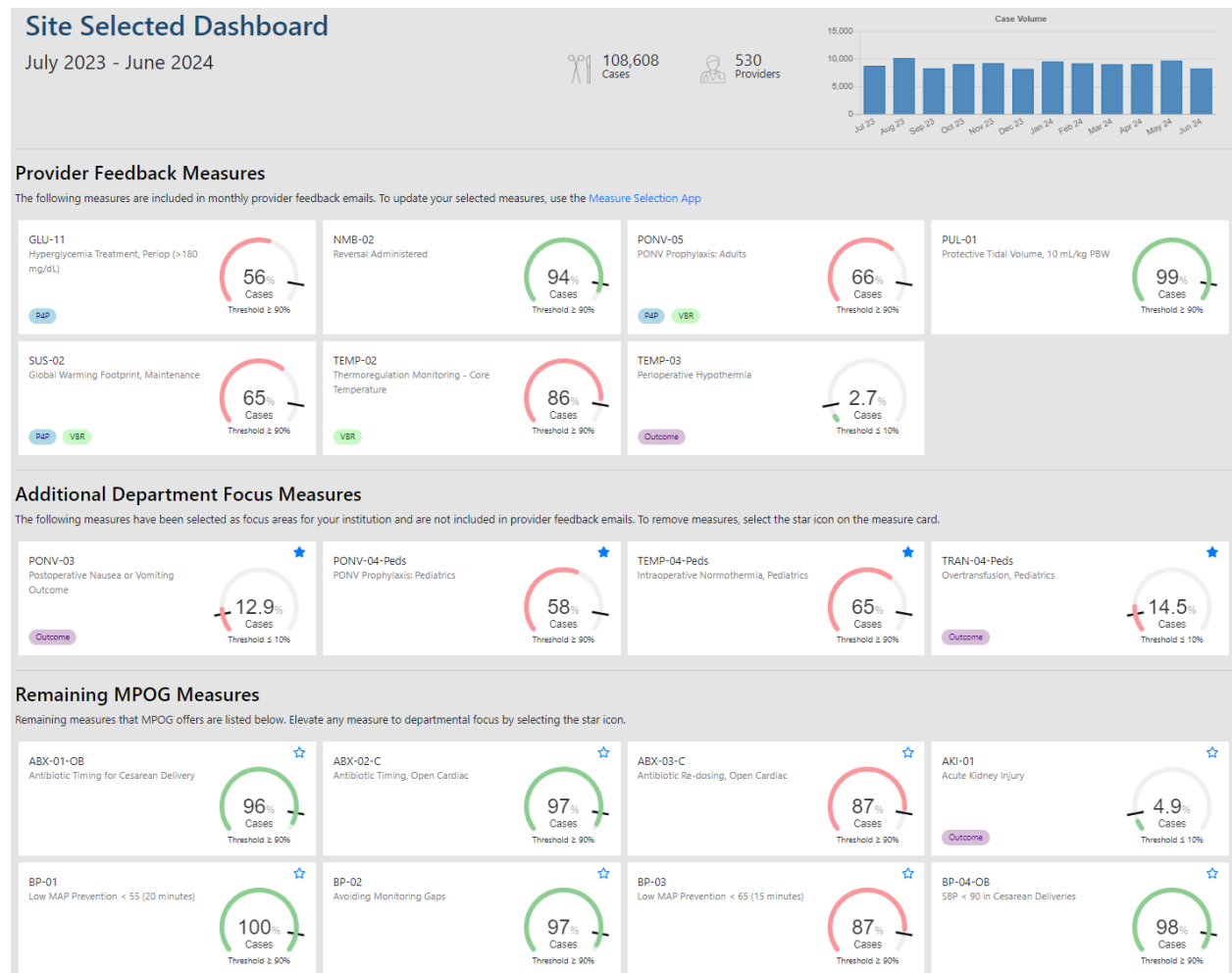
BMI.....	12
Release – November 10, 2023	13
Outpatient Dashboard	13
Benchmark Graph.....	13
Trend Graph	13
Release – November 6, 2023	13
Provider List.....	13
Cardiac Dashboard	13
Trend Graph	14
Case List.....	14
Release – October 20, 2023	15
Improved Navigation.....	15
Inactivity Logout.....	15
Breakdown by Location Graph.....	15
Case List.....	15
Measure Tags	16
Release - September 25, 2023	17
Benchmark Graph.....	17
Entity Selection.....	17
Location Filter.....	17
Case List.....	18
Measure Summary - Trend Graph.....	18

Release – July 17, 2024

Site Selected Dashboard

The site selected dashboard is now divided into three sections. To view all sections, users must have *Departmental level* dashboard access. To select and move measures, a user must have *Measure Selection App* access.

- Provider Feedback Measures:** The measures listed in this section are included in monthly provider feedback emails for those sites participating in our feedback program. To update the feedback measures, navigate to the [Measure Selection App](#) within the dashboard.
- Additional Department Focus Measures:** These measures have been selected as focus areas for your institution but are not included in provider feedback emails. To remove measures, select the star icon on the measure card.
- Remaining MPOG Measures:** This section lists all other measures that MPOG offers. Any measure can be elevated to a departmental focus measure by selecting the star icon on the measure card.



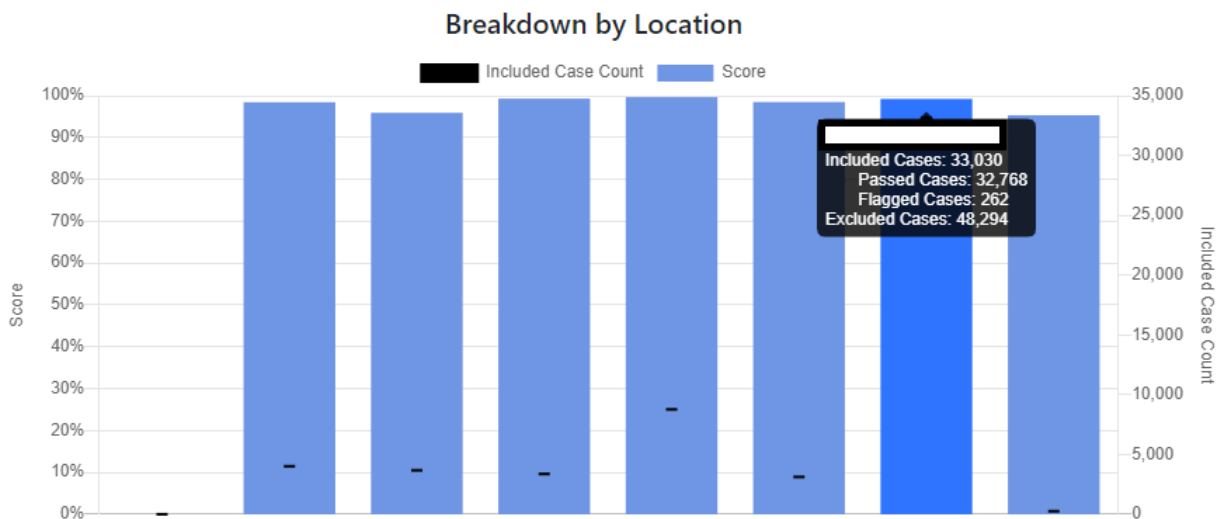
Release – May 20, 2024

Processing Enhancements

- The MPOG Technical Team is excited to announce significant improvements within the QI Reporting Tool's data processing pipeline. Our diligent efforts aimed at enhancing the overall performance have yielded a more streamlined experience, increasing both load and processing speeds across the platform. We trust that these upgrades will make your workflow smoother and more efficient.

Breakdown by Location Graph Upgrades

- We've elevated the functionality of the 'Breakdown by Location' graph with the integration of case counts and scoring. Users can now view a detailed distribution of cases, delineating between those that have passed quality checks and those that have been flagged for further review. This enhancement is designed to provide a more robust analysis and insight into case management within the tool.



Location Filter Upgrades

- We have expanded the granularity of our location filters. Users are now empowered to drill down into data with precision, right down to individual units or rooms. This refinement will enable sites to conduct more targeted and actionable assessments of their quality metrics.

QI Reporting Tool

Release – April 8, 2024

Final Phase-Out of Specified Measures from the QI Dashboard

- As of April 8th, the measures GLU01, GLU02, GLU03, GLU04, GLU05, MED01, PONV01, PONV02, and PUL02 are permanently retired from all aspects of the QI Dashboard, including dashboards, measure summaries, provider, and case lists. MPOG Quality Champions should ensure alternatives are selected prior to removal, as these measures will also cease in provider feedback communications. See official release on the [MPOG Quality Basecamp site](#).

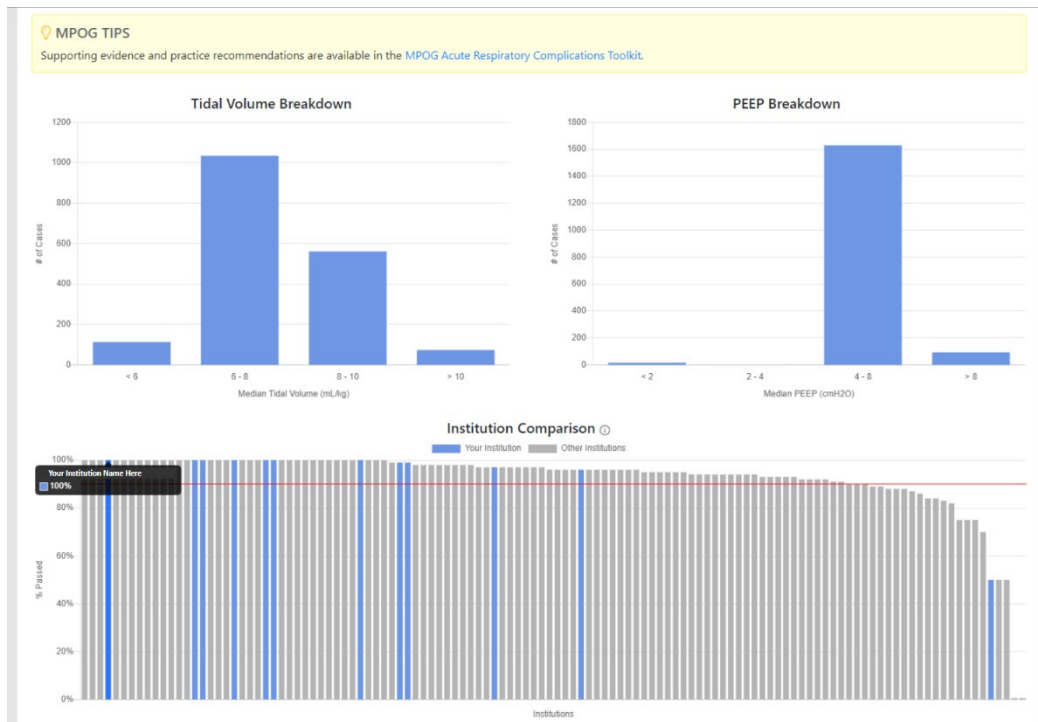
Measure Selection Tool Adjustment: Limited Interaction with Selected Measures

- Effective April 8th, while measures GLU-01, GLU-03, and PONV-01 will remain visible within the QI Dashboard's Measure Selection Tool, they will no longer be selectable, streamlining our focus towards enhanced data integrity. Anticipating their retirement in July, these measures have now been discontinued for inclusion in provider feedback communications and will appear grayed out to indicate this change.

Release – March 11, 2024

Pulmonary Measure Summary Page Update

- Experience the newly integrated pulmonary measure summary page, which now combines median tidal volume and PEEP usage into a single, cohesive view.
- This page is available to QI champions and other users with departmental level dashboard access.



Institutional Benchmarking

- Introducing the ability to benchmark multiple hospitals within the same health system against all other hospitals in MPOG. This new feature provides a broader perspective on performance and practices, enabling meaningful comparisons and fostering improvements across the board.

Release – January 15, 2024

Provider Summary Page

- Experience a revamped Provider Summary Page, now with more intuitive navigation and enriched data presentation. This update aims to make your data analysis both simpler and more insightful.

Results Reasons Donut Chart

- Visualize your results in a more engaging and informative way with the new Results Reasons Donut Chart. This interactive chart allows you to quickly understand the distribution of different result reasons.

Integration with MPOG Case Viewer

- Seamlessly navigate and gain comprehensive insights into your flagged cases with our integration with MPOG Case Viewer via the 'View Case' button. This feature allows you to review cases holistically, enhancing your ability to understand and improve patient outcomes.

Provider Comparison graph

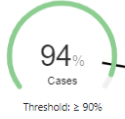
- Benchmark your performance against peers with the new Provider Comparison Graph. In this anonymized performance bar graph, see how you stack up against other providers with the same role at your own institution. For attendings, compare your performance (shown in blue) with other attending providers (displayed in gray).
- The provider comparison graph reveals performance differences among similar providers at your institution. Please note that the specifics of each measure (particularly the volume of cases in each measure) and provider factors can lead to outliers. These outliers might exaggerate the actual performance difference. Please interpret these graphs with these considerations in mind.
- Hovering over each bar to reveals detailed scores, providing a clear and precise understanding of your performance metrics. The anonymized format ensures privacy while enabling meaningful comparisons.

Example Screenshot

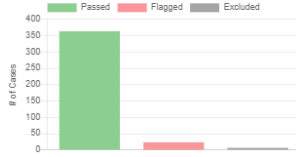
BP-02: Avoiding Monitoring Gaps [More Info](#)

The percentage of cases that avoid blood pressure monitoring gaps > 10 minutes

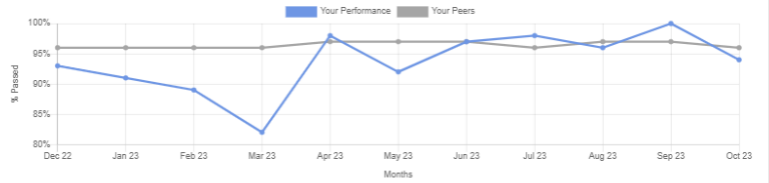
Overall Score



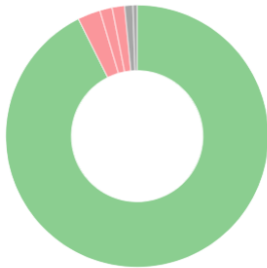
Result Counts



Performance Trend



Result Reasons



Result	Reason
Passed	BP Count
Flagged	BP Monitoring Gap (Last 30 Minutes)
Flagged	BP Monitoring Gap
Flagged	BP Monitoring Gap (First 30 Minutes)
Excluded	Provider Present During Evaluation Period
Excluded	Block Only Procedure
Total	

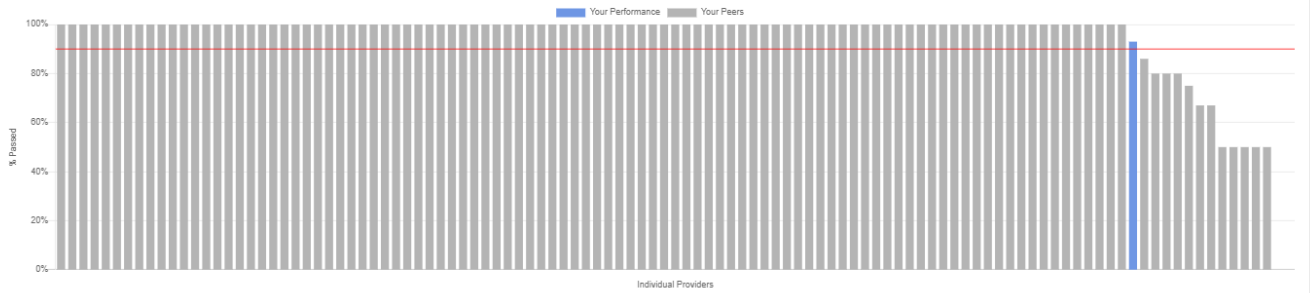
My Flagged Cases

[View All Cases](#)

Case Count

View Case	Case Date	Procedure	Result Reason
View Case			
View Case			
View Case			
View Case			

Provider Comparison



QI Reporting Tool
Release – December 15, 2023

Case Attributes Filter

- New filter bundle with case attributes including [Admission Status](#), [Anesthesia Technique](#), [Emergency Status](#), [Non-OR Anesthesia](#), [Surgical Service](#). See linked phenotype specifications for detailed logic used for each filter:

Additional Filters

+ Location

▼ Case Attributes

Admission Status +

Anesthesia Technique +

Emergency Status +

Non-OR Anesthesia +

Surgical Service +

> Demographics

Admission Status	-	<input type="checkbox"/> 23 Hour Observation
Anesthesia Technique	+	<input type="checkbox"/> Admit
Emergency Status	+	<input type="checkbox"/> Inpatient
Non-OR Anesthesia	+	<input type="checkbox"/> Outpatient
Surgical Service	+	<input type="checkbox"/> Other/Unknown

Anesthesia Technique	-	<input type="checkbox"/> General
Emergency Status	+	<input type="checkbox"/> MAC/Sedation
Non-OR Anesthesia	+	<input type="checkbox"/> Neuraxial
Surgical Service	+	<input type="checkbox"/> Peripheral Block

Emergency Status	-	<input type="radio"/> No
Non-OR Anesthesia	+	<input type="radio"/> Yes
Surgical Service	+	

Non-OR Anesthesia	-	<input type="radio"/> No
Surgical Service	+	<input type="radio"/> Yes

Surgical Service Filter

- New categories group 'like' surgical services

- > Anesthesiology
- > Cardiothoracic
- > General
- > Head and Neck
- > Medical
- > Neuro
- > Not Specified
- > Obstetrics / Gynecology
- > Ophthalmology
- > Orthopedics
- > Plastics
- > Radiology
- > Urology

- Multi-select and 'select all' functionality added.

Location Filter

- Multi-select functionality added to location filter

▼ Michigan Medicine (Health System)

- Briarwood Medical Group (Freestanding ASC)
- Brighton Health Center (Freestanding ASC)
- East Ann Arbor Health and Geriatric Center (Freestanding ASC)
- Kellogg Eye Center (Freestanding ASC)
- Livonia Health Center (Freestanding ASC)

▼ University of Michigan Medical Center (Hospital)

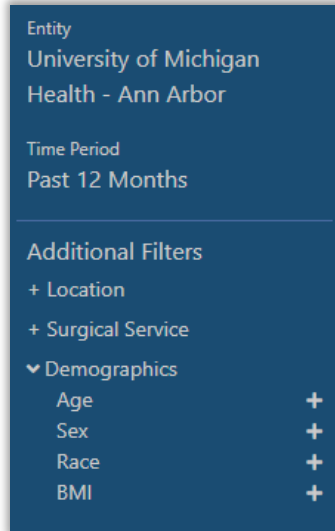
- > CS Mott Children's Hospital (Building)
- > Frankel Cardiovascular Center (Building)
- > Rogel Cancer Center (Building)
- > University Hospital (Building)
- > Von Voigtlander Women's Hospital (Building)

Apply

QI Reporting Tool
Release – November 20, 2023

Demographics Filter

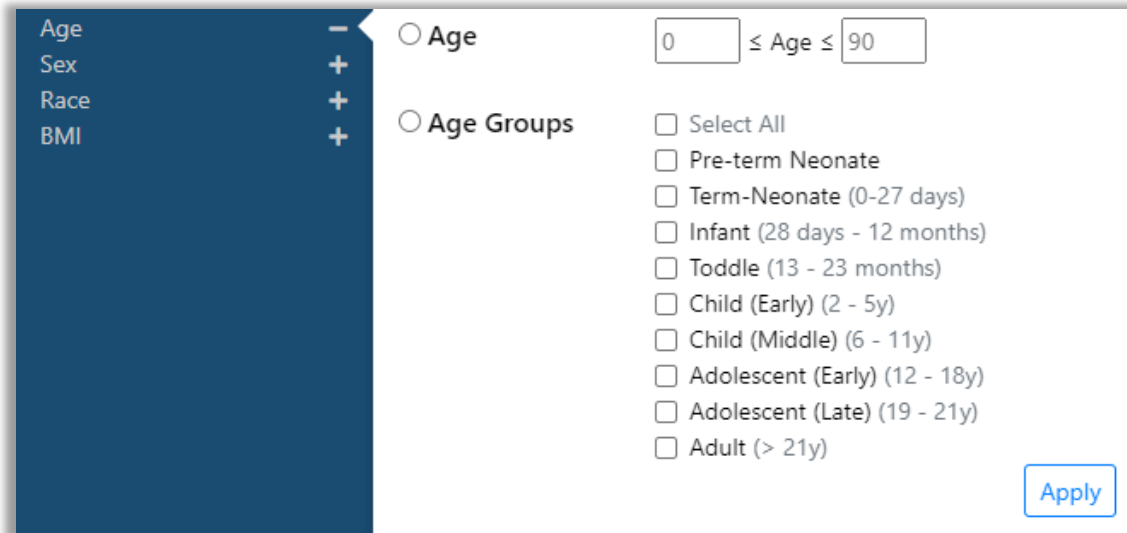
- New filter category Demographics added, which includes age, race, sex and BMI



A screenshot of a dark blue filter menu. At the top, it shows 'Entity' as 'University of Michigan Health - Ann Arbor' and 'Time Period' as 'Past 12 Months'. Below a horizontal line, it lists 'Additional Filters' with expandable options: '+ Location', '+ Surgical Service', and a collapsed 'Demographics' section. Under 'Demographics', four items are listed with expandable plus signs: 'Age', 'Sex', 'Race', and 'BMI'.

Age

- Added custom age range as well as pre-determined age groups as specified in the [Age \(groups\) \(mpog.org\)](https://mpog.org) phenotype



A screenshot of the 'Age' filter configuration interface. On the left is a dark blue sidebar with 'Age' selected (indicated by a minus sign) and 'Sex', 'Race', and 'BMI' with plus signs. The main area has two radio button options: 'Age' and 'Age Groups'. The 'Age' option is selected and shows a range of '0 ≤ Age ≤ 90' with input boxes for the values. The 'Age Groups' option is unselected and lists several categories with checkboxes: 'Select All', 'Pre-term Neonate', 'Term-Neonate (0-27 days)', 'Infant (28 days - 12 months)', 'Toddler (13 - 23 months)', 'Child (Early) (2 - 5y)', 'Child (Middle) (6 - 11y)', 'Adolescent (Early) (12 - 18y)', 'Adolescent (Late) (19 - 21y)', and 'Adult (> 21y)'. An 'Apply' button is located in the bottom right corner.

Sex

- Multi-select functionality added

A screenshot of a filter dropdown menu for 'Sex'. The menu is dark blue with a white background for the options. The 'Sex' option is highlighted in blue and has a minus sign (-) to its right. Below it are 'Age' (+), 'Race' (+), and 'BMI' (+). The dropdown content is white and contains three radio button options: 'Male', 'Female', and 'Unknown'. An 'Apply' button is located at the bottom right of the dropdown.

Race

- Multi-select functionality added

A screenshot of a filter dropdown menu for 'Race'. The menu is dark blue with a white background for the options. The 'Race' option is highlighted in blue and has a minus sign (-) to its right. Below it is 'BMI' (+). The dropdown content is white and contains a list of radio button options: 'Select All', 'American Indian or Alaska Native', 'Asian or Pacific Islander', 'Bi or Multi Racial', 'Black, not of hispanic origin', 'Hispanic, black', 'Hispanic, white', 'Middle Eastern', 'Unknown race', and 'White, not of hispanic origin'. An 'Apply' button is located at the bottom right of the dropdown.

BMI

- New filter that includes custom range or pre-determined BMI classifications as specified in the [WHO BMI Classification \(mpog.org\)](http://mpog.org) phenotype

A screenshot of a filter dropdown menu for 'BMI'. The menu is dark blue with a white background for the options. The 'BMI' option is highlighted in blue and has a minus sign (-) to its right. The dropdown content is white and contains two radio button options: 'BMI' and 'WHO Classification'. The 'BMI' option has a text input field with '0.0' and a range operator '≤ BMI ≤' followed by another text input field with '100.0'. The 'WHO Classification' option has a list of radio button options: 'Select All', 'Missing', 'Underweight (10 - 18.5)', 'Normal Weight (18.5 - 25)', 'Pre-obese (25 - 30)', 'Obese Class I (30 - 35)', 'Obese Class II (35 - 40)', and 'Obese Class III (40 - 80)'. An 'Apply' button is located at the bottom right of the dropdown.

QI Reporting Tool

Release – November 10, 2023

Outpatient Dashboard

- We are excited to introduce the new Outpatient Dashboard. This dashboard displays pertinent measure performance for outpatient and 23 hour observation cases as defined by the [Admission Type phenotype](#).
- Note: Due to how cases are scheduled, results may not reflect the admission status as documented in the electronic health record. Please refer to MPOG phenotype to review how admission types are classified.

Benchmark Graph

- Fixed the accuracy of the benchmark graph by ensuring the y-axis does not display values below 0%.

Trend Graph

- Addressed a display issue in the single month view of the Trend Graph. The filtered month now correctly appears as the last data point, providing more accurate and relevant data visualization.

QI Reporting Tool

Release – November 6, 2023

Provider List

- Improved navigation within the Provider List. Now, clicking on a provider's name will redirect you to a pre-filtered case list specific to that provider for more streamlined operations.
- Enhanced the Provider List export functionality. Provider first names and last names are now separated into distinct columns for better clarity and sorting capabilities.
- Updated the Provider List to correctly display Anesthesia Assistants as 'AAs' to align with the Provider Contacts' labeling, rectifying the previous designation as 'CRNAs'.

Cardiac Dashboard

- The Cardiac Dashboard's description has been modified to better reflect its current functionalities and uses.
- Updated the Cardiac Anesthesia specialty dashboard by removing TRAN 01 and TRAN 02 for a more accurate display of relevant data.

Trend Graph

- Addressed an issue where the start and end dates were misaligned for a specific institution's data on the trend graph. Dates now align correctly across the graph for improved data integrity and analysis.

Case List

- Fixed a search issue in the Case List. Searching by MPOG Case ID now returns the correct cases without error.
- All relevant cases are now properly displayed.

QI Reporting Tool

Release – October 20, 2023

Improved Navigation

- Vertical scroll bars have been added to dropdown menus for the measure summary, provider, and case list, enhancing navigation within these menus.

Inactivity Logout

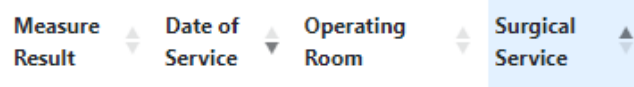
- Addressed a bug by increasing the inactivity logout timer from 30 minutes to 60 minutes to provide users with a more flexible session duration.

Breakdown by Location Graph

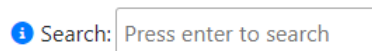
- The breakdown by location graph now shows case data at the hospital level rather than individual rooms.
- The default view now hides excluded case counts for a cleaner and more focused user interface.

Case List

- Updated the data table message 'No data available' to display in the table body instead of the footer for improved user experience.
- Enhanced sorting and search functionality within the case list to provide users with a smoother navigation experience.
- Column header is highlighted to enhance visibility for users when they click on a column to sort.

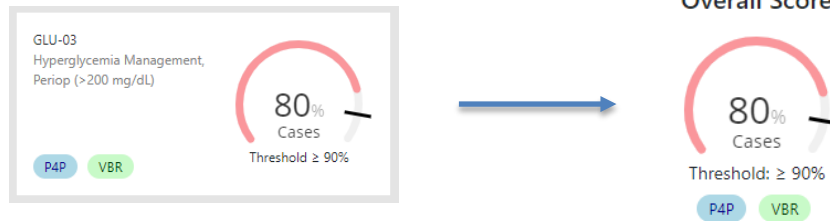


- Updated search functionality to enable users to search within four specific columns: Procedure, Attributable Attendings, Attributable CRNA/Resident, and MPOG Case ID.
- Added an info icon next to the search box, allowing users to access information about the four searchable columns by hovering over the icon.



Measure Tags

- P4P/VBR/Outcome tags on the dashboard now seamlessly carry over to the measure summary page for better continuity.

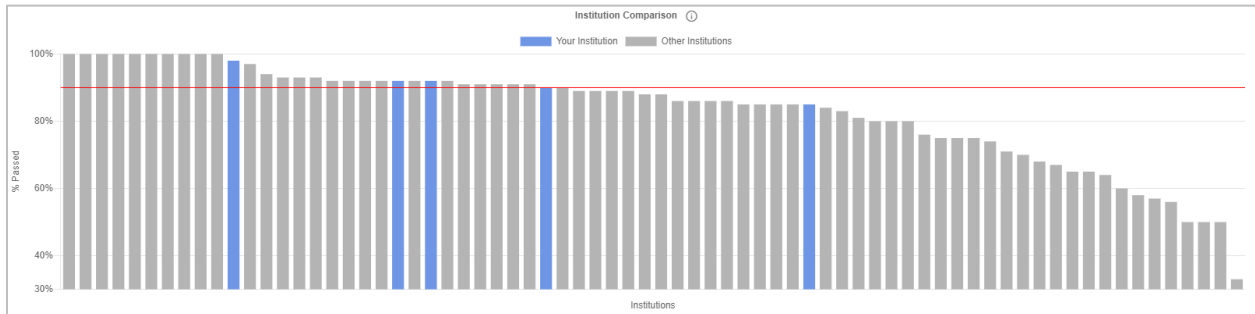


QI Reporting Tool

Release - September 25, 2023

Benchmark Graph

- Filtering institution 'off' turns the bar grey instead of removing bar completely
- Hovering over blue institutions display hospital name; all other hospitals anonymized
- Health System dashboards now display all hospitals within that health system
- Info icon provides a chart description

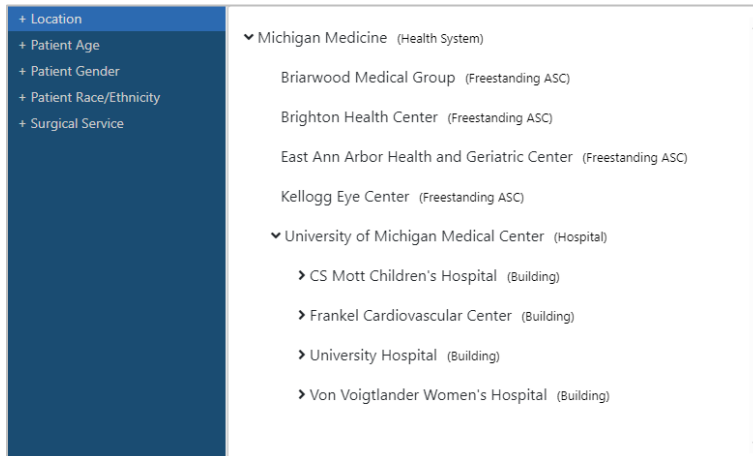


Entity Selection

- Duplicate provider names removed from 'Find a provider' search
- Institution added next to provider name in 'Find a Provider'
- Spinning wheel added to 'Find a Provider' search bar to indicate loading

Location Filter

- Locations displayed in tree structure. Duplicates removed



- Legacy alert if time period includes more than one database instance (ie legacy vs. IM)

- + Location
- + Patient Age
- + Patient Gender
- + Patient Race/Ethnicity
- + Surgical Service

MPOG Alert

The selected time period includes data from multiple versions of your hospital's electronic health record. Only data from the most current version, from 03/12/2023, is available. For more information please visit: [QL Locations](#)

Case List

- Default view is Flagged cases only
- Faster load time. Updated to only load the cases chosen in the filter
- Removed attributable Attending/CRNA columns from 'departmental only' measures
- In the case list, to avoid duplicate cases, passed/flagged/excluded filters are locked until case list loads
- Result filters (passed/flagged/excluded) will remain when switching between measures

Measure Summary - Trend Graph

- When time filter applied is limited to one month, trend graph will display previous 12 months.

