

New Development and Technical Updates

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New Releases!

- Now capturing Preop and PACU data for Import Manager sites!
- New applications available to facilitate case review
- Risk Adjusted results for outcome measures are now displayed on the ASPIRE dashboard



Import Manager brings many things...

- Exciting technical calls, hours of mapping, and Deep and PACU data!
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 - ✓
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 - ✓ Pain Scores
 - ✓ Sedation Scores
 - ✓ Postoperative events



New Tools Released in April

- Measure Case Report & MRN Batch Lookup Tool
- Both tools were built to expedite case review to identify trends & quality improvement opportunities
- ACQRs & Quality Champions can export passed, failed, excluded case lists to Excel for review
- Option to load into MRN Lookup Tool to populate with MRNs from local database.
- If interested, guides are available on the MPOG website:
 - [Measure Case Report](#)
 - [Batch MRN Lookup Tool](#)

Measure Case Report

Measure Case Reports

Available in the MPOG website with Apps:
<https://last12.aspiresi.org/appsuite/report>

Within the next couple months we will be able to export any time in the MPOG database.

Apps Downloads Events /

- Apps Menu
- ASPIRE Dashboard
- Basecamp
- Case Reports
- Concept Browser
- DataDirect
- Data Explorer
- MQUARK
- Phenotype Browser
- Provider Contacts
- QCDR Measure Audit

• Institution: University of Michigan Health System

• Date Range: From 07/01/2017 To 6/30/2018

• Measure:

<input type="checkbox"/> Check All Measures	<input checked="" type="checkbox"/> Passed	<input checked="" type="checkbox"/> Failed	<input checked="" type="checkbox"/> Excluded
<input checked="" type="checkbox"/> AKI01: Acute Kidney Injury	<input checked="" type="checkbox"/> Passed	<input checked="" type="checkbox"/> Failed	<input checked="" type="checkbox"/> Excluded
<input checked="" type="checkbox"/> BP01: Low MAP Prevention	<input checked="" type="checkbox"/> Passed	<input checked="" type="checkbox"/> Failed	<input checked="" type="checkbox"/> Excluded
<input checked="" type="checkbox"/> BP02: Avoiding Monitoring Gaps	<input type="checkbox"/> Passed	<input checked="" type="checkbox"/> Failed	<input type="checkbox"/> Excluded
<input type="checkbox"/> CARD01: Avoiding Myocardial Infarction	<input checked="" type="checkbox"/> Passed	<input checked="" type="checkbox"/> Failed	<input checked="" type="checkbox"/> Excluded
<input type="checkbox"/> CARD01QCDR: Avoiding Myocardial Infarction	<input checked="" type="checkbox"/> Passed	<input checked="" type="checkbox"/> Failed	<input checked="" type="checkbox"/> Excluded
<input checked="" type="checkbox"/> CARD02: Avoiding Myocardial Infarction (Trop. ≤ 0.6)	<input type="checkbox"/> Passed	<input checked="" type="checkbox"/> Failed	<input type="checkbox"/> Excluded
<input type="checkbox"/> FLUID01C: Minimizing Colloid Use (Cardiac)	<input checked="" type="checkbox"/> Passed	<input checked="" type="checkbox"/> Failed	<input checked="" type="checkbox"/> Excluded
<input type="checkbox"/> FLUID01NC: Minimizing Colloid Use (Non-Cardiac)	<input checked="" type="checkbox"/> Passed	<input checked="" type="checkbox"/> Failed	<input checked="" type="checkbox"/> Excluded
<input type="checkbox"/> GLU01: High Glucose Treated	<input checked="" type="checkbox"/> Passed	<input checked="" type="checkbox"/> Failed	<input checked="" type="checkbox"/> Excluded
<input type="checkbox"/> GLU02: Low Glucose Treated	<input checked="" type="checkbox"/> Passed	<input checked="" type="checkbox"/> Failed	<input checked="" type="checkbox"/> Excluded
<input type="checkbox"/> MED01: Avoiding Medication Overdose	<input checked="" type="checkbox"/> Passed	<input checked="" type="checkbox"/> Failed	<input checked="" type="checkbox"/> Excluded
<input type="checkbox"/> NMB01: Train of Four Taken	<input checked="" type="checkbox"/> Passed	<input checked="" type="checkbox"/> Failed	<input checked="" type="checkbox"/> Excluded
<input type="checkbox"/> NMB02: Reversal Administered	<input checked="" type="checkbox"/> Passed	<input checked="" type="checkbox"/> Failed	<input checked="" type="checkbox"/> Excluded
<input checked="" type="checkbox"/> PONV01: Avoiding PONV	<input type="checkbox"/> Passed	<input checked="" type="checkbox"/> Failed	<input type="checkbox"/> Excluded
<input type="checkbox"/> PONV02: Avoiding PONV (Peds)	<input checked="" type="checkbox"/> Passed	<input checked="" type="checkbox"/> Failed	<input checked="" type="checkbox"/> Excluded
<input type="checkbox"/> PUL01: Tidal Volume Under 10 mL/kg	<input checked="" type="checkbox"/> Passed	<input checked="" type="checkbox"/> Failed	<input checked="" type="checkbox"/> Excluded
<input type="checkbox"/> PUL02: Tidal Volume Under 8 mL/kg	<input checked="" type="checkbox"/> Passed	<input checked="" type="checkbox"/> Failed	<input checked="" type="checkbox"/> Excluded
<input type="checkbox"/> TEMP01: Thermoregulation Vigilance - Active Warming	<input checked="" type="checkbox"/> Passed	<input checked="" type="checkbox"/> Failed	<input checked="" type="checkbox"/> Excluded
<input type="checkbox"/> TEMP02: Thermoregulation Monitoring - Core Temperature	<input checked="" type="checkbox"/> Passed	<input checked="" type="checkbox"/> Failed	<input checked="" type="checkbox"/> Excluded
<input type="checkbox"/> TEMP03: Perioperative Temperature Management	<input checked="" type="checkbox"/> Passed	<input checked="" type="checkbox"/> Failed	<input checked="" type="checkbox"/> Excluded
<input type="checkbox"/> TOC02: Postoperative Transfer of Care to PACU	<input checked="" type="checkbox"/> Passed	<input checked="" type="checkbox"/> Failed	<input checked="" type="checkbox"/> Excluded
<input type="checkbox"/> TOC03: Postoperative Transfer of Care to ICU	<input checked="" type="checkbox"/> Passed	<input checked="" type="checkbox"/> Failed	<input checked="" type="checkbox"/> Excluded
<input type="checkbox"/> TRAN01: Transfusion Management Vigilance	<input checked="" type="checkbox"/> Passed	<input checked="" type="checkbox"/> Failed	<input checked="" type="checkbox"/> Excluded
<input type="checkbox"/> TRAN02: Post Transfusion Monitoring	<input checked="" type="checkbox"/> Passed	<input checked="" type="checkbox"/> Failed	<input checked="" type="checkbox"/> Excluded

Generate Report

Measure Case Reports

MPOG_Case_ID	Result_Reason	Other Failures	Valid Anesthesia Duration	ASA Class	Case Duration	EGFR	Preop Creatinine	Highest Postop Creatinine within 48
d9d9e76e-aae5-a4b7-e053-7002400a912f	AKI Stage: 1		Yes	3	74	99.6934	0.750	0.840
d9d9e76e-bdf3-a4b7-e053-7002400a912f	AKI Stage: 1	BP01 ; TRAN01 ; TEMP02	Yes	4	619	35.1664	1.440	2.420
d9d9e76e-f7de-a4b7-e053-7002400a912f	AKI Stage: 1		Yes	2	975	117.446	0.610	0.990
d9d9e76e-64ed-a4b7-e053-7002400a912f	AKI Stage: 1	TEMP02	Yes	4	409	78.7425	1.010	1.380
d9d9e76e-b9de-a4b7-e053-7002400a912f	AKI Stage: 3		Yes	4	68	102.343	0.440	0.490
d9d9e76e-8fe4-a4b7-e053-7002400a912f	AKI Stage: 2		Yes	3	92	53.9963	1.010	1.000
d9d9e76e-79e4-a4b7-e053-7002400a912f	AKI Stage: 2		Yes	3	94	81.9317	1.080	1.170


Report provides:

- Measure results
- Other measures failures for the same case
- Relevant case information
- Can load this report into the Batch MRN Lookup tool to add an additional column with MRNs to more easily locate the case in Source System (Epic/Cerner/Centricity)

Risk Adjusted Performance Published to Dashboard

Overview Providers Case Lists Unadjusted Comparison

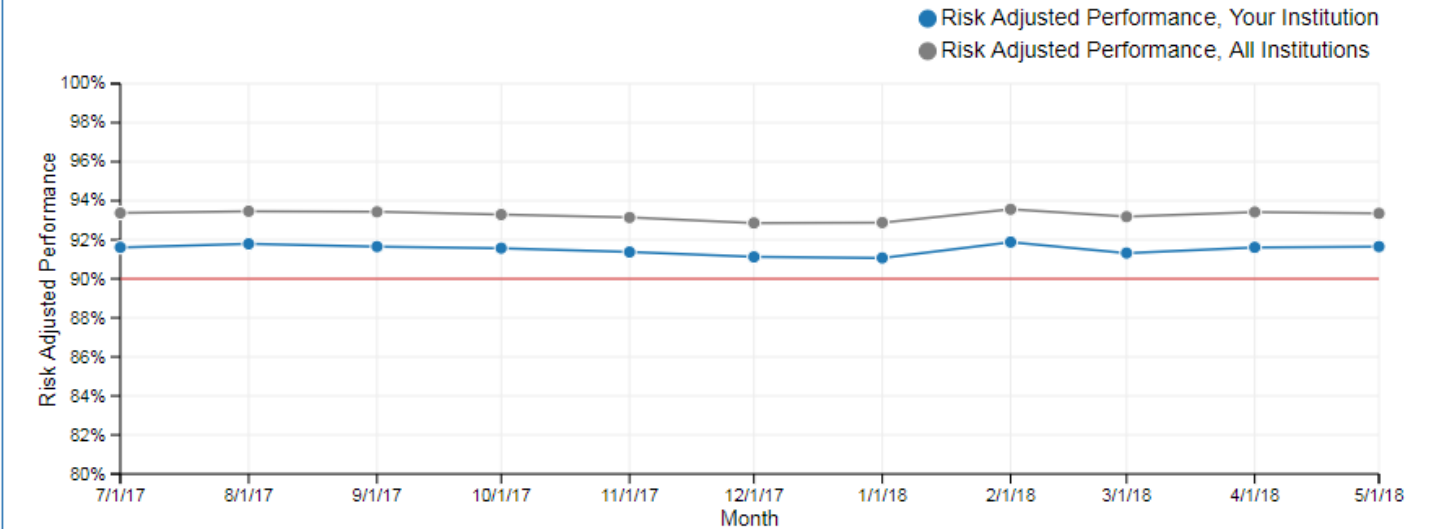
Risk Adjusted Performance


92%
Target **90%**
Unadjusted Performance **92%**

Counts

AKI-01 Result	Count
Passed	204,547
Failed	18,566
Excluded	1,088,196
	1,311,309


Trend



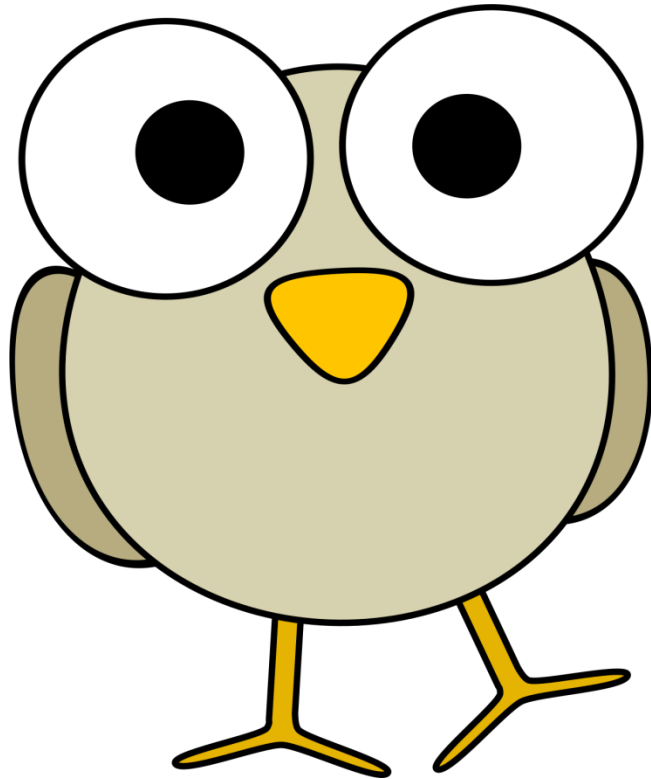
Breakdown of Primary Cause

AKI-01 Result	AKI-01 Result Reason	Case Count
Excluded	Case Duration	527,418
Excluded	Preop Creatinine	306,667
Excluded	Highest Postop Creatinine within 7 days	158,447
Excluded	CPT Code	64,400
Excluded	EGFR	22,064
Excluded	Valid Anesthesia Duration	5,574
Excluded	ASA Class	3,626
Failed	AKI Stage	18,566
Passed	AKI Stage	204,547
		1,311,309

AKI-01 By Provider

Provider	Role	Risk Adjusted Performance	Unadjusted Performance	Cases Passed	Cases Failed	Cases Included	% of Institution Fails
	Attending	0%	0%	0	1	1	0%

QUESTIONS?



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