

# AQSI: Regional Updates

## North Region



**31** Program Graduates

**AQSI Teams** ARE *Interdisciplinary*: Physicians, Residents, Advanced Practice Providers, Nurses, IR Technologist, Clinical Quality Leaders, Managers, and Directors

Our teams' projects included **BOTH** the



**Hospital & North Region clinics**

Participants represent over **15** DEPARTMENTS

**5** out of **5**

teams *met* or *exceeded* their outcome metric(s)



Patients with delayed INR results >48 hours from decreased **12% to 3%**.



Decreased patients with hypoglycemia prior to surgery from **29% to 0%**.



Increased peripheral artery disease screening by **55%**.








**100%** of the IAI exposed babies roomed with mother, not special care nursery



Decrease low risk chest pain patients admitted to the hospital by **over 20%**.

# North Region AQSI Results

## Expanded details of team results

Improved Outcome Metric	Project Title	Results
	<b>Establishing care and treatment of well appearing infants exposed to intra-amniotic infection (IAI) in the general nurse as opposed to the SCN</b>	By restructuring the care and staffing, <b>100% of the IAI exposed babies were rooming with their mother</b> as opposed to the SCN. Overall, their interventions have led to increased patient satisfaction in the bonding time with the infant. Also, the group was able to increase the percentage of breast milk feedings for IAI exposed infants.
	<b>Improve quality and safety of North Region Coumadin Clinics</b>	Through the intervention of an missing INR results at >24 hrs email, the clinic was able to <b>decrease the number of patients with delayed INR results &gt;48 hours from 12% to 3%</b> . Overall this helped improve the overall percentage of patients in TTR of >70% by <b>10%</b> .
	<b>Improve screening and identification of patients with vascular disease</b>	The team was able to <b>increase the percentage of patients screened for peripheral artery disease by 55%</b> . Of the patients that screened positive for PAD, they were able to refer 10% for further diagnostic testing and 30% were able to complete the diagnostic testing.
	<b>Evaluation and management of low-risk chest pain patients in the NLFH-ED</b>	During the pilot, the team was able to <b>decrease the percentage of low risk chest pain patients admitted to the hospital by over 20%</b> . 17 patients were discharged with a scheduled outpatient stress echo testing; all tests were negative and the majority of echos were complete within 48 hours of discharge. Along with the follow-up, <b>the median length of stay for the patient population was decreased by 4.7 hours</b> .
	<b>Improve perioperative glucose control in total joint patients</b>	The glucose pilot for surgical total joint replacement was able to increase the percentage of patients that had an A1C drawn in the past sixty days by 49%. They were also able to increase the detection of pre-diabetes/DM by 39% and <b>decrease the percentage of patients with hypoglycemia prior to surgery from 29% to 0%</b> . In combination, <b>this pilot has contributed to decreasing the SSI rate from 4 to 1</b> .

# North Region Team Members:

Project Title	Team Members
Establishing care and treatment of well appearing infants exposed to intra-amniotic infection (IAI) in the general nurse as opposed to the SCN	<b>Misha Garg, Debbie Margulis,</b> Jill Alden, Mary Scopelliti, and Shayna Mancuso
Improve quality and safety of North Region Coumadin Clinics	<b>Micah Eimer,</b> Johanna Benavides, Juan Micah Guzman Jr., Jane Harrison, Karen O’Heath, Sarah Plaskett, and Phylis Rosebrook
Improve screening and identification of patients with vascular disease	<b>Timothy Provias,</b> Tiffany Holland, Lizzie Kibler, Seth Klein, Aaron Komsri, Katie McGrath, and Sarah Plaskett
Evaluation and management of low-risk chest pain patients in NLFH ED	<b>Trevor Hamilton, Rebecca Bruce,</b> Ryan Golden, Lizzie Kibler, Nancy Nozicka, Trish Osterman, and Sarah Plaskett
Improve perioperative glucose control in total joint patients	<b>Anthony Pick, Jennifer Baralli,</b> Olusina Akande, Elizabeth Kunreuther, Jennah Lahood, Harjot Sandhu, Aditya Shah, and Julia Silver