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ACS GAP Project-update

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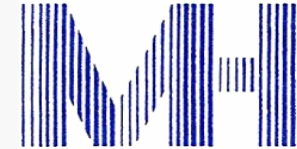
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The ACS GAP Project

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Background

- Acute coronary syndrome (ACS) is a significant chronic disease problem in Ontario
- Represents 6% of all ED visits
- Cardiovascular disease in total accounts for close to 22% of all hospitals admissions
- ACS represents close to one third of all cardiac related admissions



Goals and Objectives



- To ensure all patients with ACS receive life-saving best practice care as a standard of care when admitted to any Champlain LHIN hospital
- To create a regional quality improvement system for monitoring delivery of these best practices
- To improve accountability and performance in the delivery of evidence-based guidelines through data collection and feedback
- To model a regionalized approach to quality improvement in chronic disease prevention and management that can be expanded to other diseases (heart failure)



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Strategy



- Establish baseline audit
- Collaborate with health care providers at each institution to integrate best practices into usual processes and documentation tools
- Focus on actively engaging the patient in understanding and participating in evidence based care
- Collect data and provide feedback on adherence to guidelines
- Enable the tailoring of tools and processes to suit the local context and needs



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Patient Outcomes



Every 10% increase in guideline adherence

Equals

A 10% decrease in patient mortality



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How are we doing?

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- Four years later: 2007 - 2011
- All of the hospitals in the Champlain LHIN have implemented the ACS GAP GWTG program.
- Of the 16 hospitals in the LHIN, 14 are reporting to CIHI
- 1 will start reporting this quarter
- 1 will start reporting next quarter

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Where possible

- Comparison 2009 – 2010 fiscal year to the first 3 quarters of this fiscal year
- Excluding Nitroglycerin use because OTC

Otherwise

- Report on first 3 quarters of this fiscal year

Hospital 15 and 16

- Will report next symposia



Hospital 9



Indicator	Target	2009-2010	2010-2011*
% Pts receiving GAP Tool	90%	43%	35%
% Pts receiving ASA	90%	47%	86%
% Pts receiving Beta Blockers	90%	40%	71%
% Pts receiving ACEI/ARB	90%	33%	71%
% Pts receiving Lipid Lowering Agent	90%	60%	79%
% Pts receiving Plavix	90%	47%	86%
% Pts receiving Smoking Cessation	100%	27%	7%
% Pts receiving Diet Advice	90%	80%	50%
% Pts receiving Exercise/ Rehab referral	90%	80%	36%
% Pts receiving Education	90%	67%	50%



Hospital 10



Indicator	Target	2009-2010	2010-2011*
% Pts receiving GAP Tool	90%	8%	54%
% Pts receiving ASA	90%	81%	85%
% Pts receiving Beta Blockers	90%	81%	75%
% Pts receiving ACEI/ARB	90%	63%	65%
% Pts receiving Lipid Lowering Agent	90%	63%	90%
% Pts receiving Plavix	90%	56%	80%
% Pts receiving Smoking Cessation	100%	44%	88%
% Pts receiving Diet Advice	90%	38%	85%
% Pts receiving Exercise/ Rehab referral	90%	19%	58%
% Pts receiving Education	90%	44%	92%



Hospital 6



Indicator	Target	2009-2010	2010-2011*
% Pts receiving GAP Tool	90%	53%	92%
% Pts receiving ASA	90%	84%	82%
% Pts receiving Beta Blockers	90%	79%	73%
% Pts receiving ACEI/ARB	90%	63%	64%
% Pts receiving Lipid Lowering Agent	90%	74%	82%
% Pts receiving Plavix	90%	63%	91%
% Pts receiving Smoking Cessation	100%	89%	100%
% Pts receiving Diet Advice	90%	68%	91%
% Pts receiving Exercise/ Rehab referral	90%	74%	91%
% Pts receiving Education	90%	74%	82%



Hospital 12



Indicator	Target	2009-2010	2010-2011*
% Pts receiving GAP Tool	90%	50%	76%
% Pts receiving ASA	90%	67%	74%
% Pts receiving Beta Blockers	90%	50%	39%
% Pts receiving ACEI/ARB	90%	25%	53%
% Pts receiving Lipid Lowering Agent	90%	50%	83%
% Pts receiving Plavix	90%	50%	85%
% Pts receiving Smoking Cessation	100%	67%	74%
% Pts receiving Diet Advice	90%	58%	74%
% Pts receiving Exercise/ Rehab referral	90%	83%	56%
% Pts receiving Education	90%	50%	61%



Hospital 14



Indicator	Target	2010-2011*
% Pts receiving GAP Tool	90%	24%
% Pts receiving ASA	90%	52%
% Pts receiving Beta Blockers	90%	44%
% Pts receiving ACEI/ARB	90%	36%
% Pts receiving Lipid Lowering Agent	90%	48%
% Pts receiving Plavix	90%	48%
% Pts receiving Smoking Cessation	100%	72%
% Pts receiving Diet Advice	90%	64%
% Pts receiving Exercise/ Rehab referral	90%	40%
% Pts receiving Education	90%	64%



Hospital 11

Indicator	Target	2009-2010	2010-2011*
% Pts receiving GAP Tool	90%	42%	55%
% Pts receiving ASA	90%	95%	76%
% Pts receiving Beta Blockers	90%	90%	76%
% Pts receiving ACEI/ARB	90%	76%	76%
% Pts receiving Lipid Lowering Agent	90%	90%	82%
% Pts receiving Plavix	90%	76%	82%
% Pts receiving Smoking Cessation	100%	95%	82%
% Pts receiving Diet Advice	90%	81%	94%
% Pts receiving Exercise/ Rehab referral	90%	62%	76%
% Pts receiving Education	90%	81%	82%



Hospital 1



Indicator	Target	2009-2010	2010-2011*
% Pts receiving GAP Tool	90%	81%	83%
% Pts receiving ASA	90%	95%	95%
% Pts receiving Beta Blockers	90%	85%	81%
% Pts receiving ACEI/ARB	90%	75%	75%
% Pts receiving Lipid Lowering Agent	90%	92%	92%
% Pts receiving Plavix	90%	87%	86%
% Pts receiving Smoking Cessation	100%	82%	78%
% Pts receiving Diet Advice	90%	92%	92%
% Pts receiving Exercise/ Rehab referral	90%	91%	89%
% Pts receiving Education	90%	95%	96%



Hospital 7

Indicator	Target	2009-2010	2010-2011*
% Pts receiving GAP Tool	90%	52%	46%
% Pts receiving ASA	90%	82%	81%
% Pts receiving Beta Blockers	90%	75%	68%
% Pts receiving ACEI/ARB	90%	61%	69%
% Pts receiving Lipid Lowering Agent	90%	78%	79%
% Pts receiving Plavix	90%	80%	81%
% Pts receiving Smoking Cessation	100%	87%	86%
% Pts receiving Diet Advice	90%	84%	86%
% Pts receiving Exercise/ Rehab referral	90%	47%	37%
% Pts receiving Education	90%	76%	78%



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Hospital 13

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Indicator	Target	2010-2011*
% Pts receiving GAP Tool	90%	30%
% Pts receiving ASA	90%	89%
% Pts receiving Beta Blockers	90%	67%
% Pts receiving ACEI/ARB	90%	56%
% Pts receiving Lipid Lowering Agent	90%	89%
% Pts receiving Plavix	90%	100%
% Pts receiving Smoking Cessation	100%	89%
% Pts receiving Diet Advice	90%	78%
% Pts receiving Exercise/ Rehab referral	90%	78%
% Pts receiving Education	90%	78%

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Hospital 3



Indicator	Target	2009-2010	2010-2011*
% Pts receiving GAP Tool	90%	67%	59%
% Pts receiving ASA	90%	75%	85%
% Pts receiving Beta Blockers	90%	50%	77%
% Pts receiving ACEI/ARB	90%	50%	62%
% Pts receiving Lipid Lowering Agent	90%	75%	77%
% Pts receiving Plavix	90%	75%	85%
% Pts receiving Smoking Cessation	100%	100%	85%
% Pts receiving Diet Advice	90%	100%	92%
% Pts receiving Exercise/ Rehab referral	90%	100%	62%
% Pts receiving Education	90%	75%	92%



Hospital 5



Indicator	Target	2009-2010	2010-2011*
% Pts receiving GAP Tool	90%	74%	64%
% Pts receiving ASA	90%	100%	86%
% Pts receiving Beta Blockers	90%	100%	86%
% Pts receiving ACEI/ARB	90%	64%	71%
% Pts receiving Lipid Lowering Agent	90%	100%	71%
% Pts receiving Plavix	90%	86%	57%
% Pts receiving Smoking Cessation	100%	93%	86%
% Pts receiving Diet Advice	90%	71%	71%
% Pts receiving Exercise/ Rehab referral	90%	57%	57%
% Pts receiving Education	90%	71%	71%



Hospital 4



Indicator	Target	2009-2010	2010-2011*
% Pts receiving GAP Tool	90%	100%	19%
% Pts receiving ASA	90%	93%	100%
% Pts receiving Beta Blockers	90%	40%	50%
% Pts receiving ACEI/ARB	90%	80%	67%
% Pts receiving Lipid Lowering Agent	90%	73%	83%
% Pts receiving Plavix	90%	60%	100%
% Pts receiving Smoking Cessation	100%	100%	83%
% Pts receiving Diet Advice	90%	60%	67%
% Pts receiving Exercise/ Rehab referral	90%	47%	83%
% Pts receiving Education	90%	87%	83%



Hospital 8

Indicator	Target	2009-2010	2010-2011*
% Pts receiving GAP Tool	90%	50%	91%
% Pts receiving ASA	90%	50%	90%
% Pts receiving Beta Blockers	90%	50%	60%
% Pts receiving ACEI/ARB	90%	33%	50%
% Pts receiving Lipid Lowering Agent	90%	33%	60%
% Pts receiving Plavix	90%	33%	70%
% Pts receiving Smoking Cessation	100%	83%	40%
% Pts receiving Diet Advice	90%	100%	60%
% Pts receiving Exercise/ Rehab referral	90%	100%	60%
% Pts receiving Education	90%	100%	60%



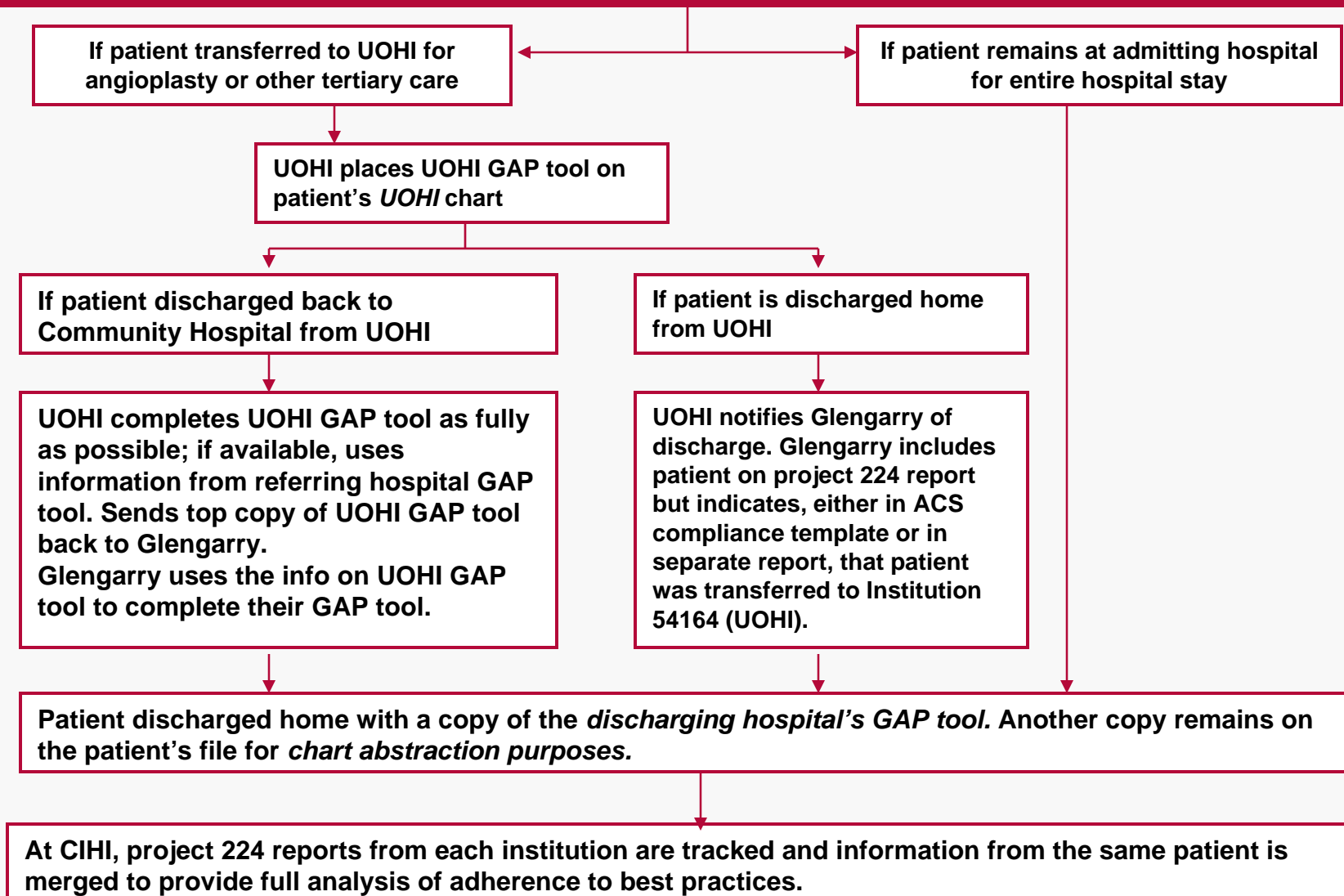
Hospital 2

Indicator	Target	2009-2010	2010-2011*
% Pts receiving GAP Tool	90%	54%	67%
% Pts receiving ASA	90%	85%	88%
% Pts receiving Beta Blockers	90%	77%	75%
% Pts receiving ACEI/ARB	90%	60%	60%
% Pts receiving Lipid Lowering Agent	90%	78%	81%
% Pts receiving Plavix	90%	69%	76%
% Pts receiving Smoking Cessation	100%	73%	81%
% Pts receiving Diet Advice	90%	77%	71%
% Pts receiving Exercise/ Rehab referral	90%	77%	64%
% Pts receiving Education	90%	81%	70%



Managing Patient Transfers

Admitted to Acute Care Hospital Dx: ACS





Recommendations

- Review processes for patients with ACS
- Consider an audit of all ACS patients who did not receive GAP tools to determine root cause.
- Check for system problems such as GAP tools not being left on chart.
- Identify if there may be coding errors which are failing to identify ACS patients (this can be done by chart audit).
- Put a system in place to monitor staff for compliance in using the GAP tool.
- Provide staff education about best practice guidelines for ACS and the importance of providing patients with the best care.
- 'X' refers to a missed data element (no item was selected) and therefore can not be included within the data. Every attempt should be made to reduce 'X' to zero.