



The New York City Benchmarking Initiative: A Focus on Citywide Quality

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June 3, 2010



C5 Quality Task Force

- Established in 2008
- Extensive group of C5 members including gastroenterologists, HHC executives, insurance companies, and NYSGE leadership
- Identified a subset of 9 colonoscopy quality indicators for tracking



C5 Quality Task Force

Goals:

- 1) To expand C5's goal from increasing QUANTITY of colonoscopy screening to increasing QUALITY of colonoscopy screening.
- 2) To ensure that quality procedures are equally available to all NYC populations.



C5 Quality Task Force

Objectives:

- 1) Establish an *NYC Benchmarking Group* to recruit all site types in NYC performing colonoscopies (OBS, ASG, hospitals).
- 2) Track and compare 9 quality indicators across NYC participating sites.



C5 Quality Task Force

Objectives continued:

- 3) Provide quality interventions to improve colonoscopy practice.
- 4) Examine each of the 9 quality indicators on the basis of race/ethnicity, age, insurance coverage, and gender.



NYC Benchmarking Group Quality Indicators*

- 1) ASA assessment completed
- 2) Informed consent secured
- 3) Adenoma detection rate (mean % across practice)
- 4) Cecal intubation rate and photo-documentation of landmarks
- 5) Withdrawal time \geq 6 minutes (average across practice)
- 6) Bowel prep quality documentation
- 7) Written, understandable discharge instructions
- 8) Procedure complication rates
- 9) Demographics (gender, age, race/ethnicity, insurance)

* Adapted from the ASGE/ACG Taskforce on Quality in Endoscopy, Quality Assurance Task Group of the National Colorectal Cancer Roundtable, COARI, Nat'l Guideline Clearinghouse, AAAHC, SAGES





Why participate in the NYC Benchmarking Group?

- Contribute to both a national and a local quality improvement program
- Compare your site's performance to other NYC participating sites
- Recognition of potential quality gaps in your practice
- Capacity to build practice knowledge that can identify and address disparities



Why participate in the NYC Benchmarking Group?

- Participate in specially designed training programs to improve and enhance quality practice
- Receive NYC Benchmarking Group routine reports to support your practice's quality improvement initiatives
- Receive specialized reports that will display trend data for your practice over time



NYC Benchmarking Group Routine Report #1

Microsoft Excel - final CS report

New York Citywide Colon Cancer Control Coalition

NYC Health

NYC Quality Improvement Benchmarking Report

Your Site compared to all NYC sites with similar volume of colonoscopies performed, and sites with similar % of Medicaid population. Procedures between 1/1/10 through 3/31/10

NYC Quality Indicators	GOAL	BENCHMARK	YOUR SITE n=	All NYC Sites n=	Comparable Sites by VOLUME n=	Comparable Sites by % MEDICAID n=
Pre-procedure						
Informed consent documentation rate	100%		x%	Aggregate %	Aggregate %	Aggregate %
ASA category assessment rate	100%		x%	Aggregate %	Aggregate %	Aggregate %
Bowel prep quality documentation rate	100%		x%	Aggregate %	Aggregate %	Aggregate %
- excellent			x%	Aggregate %	Aggregate %	Aggregate %
- good			x%	Aggregate %	Aggregate %	Aggregate %
- fair			x%	Aggregate %	Aggregate %	Aggregate %
- poor			x%	Aggregate %	Aggregate %	Aggregate %
Intra-procedure						
Adenoma detection rate - females ≥ 50 years old	≥ 15%		x%	Aggregate %	Aggregate %	Aggregate %
Adenoma detection rate - males ≥ 50 years old	≥ 25%		x%	Aggregate %	Aggregate %	Aggregate %
Cecal intubation rate with photodocumentation	95%		x%	Aggregate %	Aggregate %	Aggregate %
Average withdrawal time (minutes)	≥ 6		x minutes	Aggregate min	Aggregate min	Aggregate min
- % perforation	100%		x%	Aggregate %	Aggregate %	Aggregate %
- % bleeding			x%	Aggregate %	Aggregate %	Aggregate %
Post-procedure						
Discharge instructions provided	100%		x%	Aggregate %	Aggregate %	Aggregate %
Data Collection						
Demographics collection	100%		x%	Aggregate %	Aggregate %	Aggregate %

Advancing GI Practice Through Excellence in Colonoscopy

NYC Benchmarking Group Routine Report #2

Microsoft Excel - final CS reports

Advancing GI Practice Through Excellence in Colonoscopy

NYC Quality Indicators by RACE for Your Site				RACE				Ranking:
Pre-procedure	GOAL:	Benchmark:	White	Black	Asian	Latino	B>L>W>A	
Informed consent documentation rate	100%							
ASA category assessment rate	100%							
Bowel prep quality documentation rate	100%							
- excellent								
- good								
- fair								
- poor								
Intra-procedure							and so on...	
Adenoma detection rate - females \geq 50 years old	\geq 15%							
Adenoma detection rate - males \geq 50 years old	\geq 25%							
Cecal intubation rate with photodocumentation	95%							
Average withdrawal time (minutes)	\geq 8							
Intra- and post-procedure complication documentation rate	100%							
- % perforation								
- % bleeding								
Post-procedure								
Discharge instructions provided	100%							
Data Collection								
Demographics collection	100%							

NYC Quality Indicators by INSURANCE TYPE for Your Site				INSURANCE TYPE				Ranking:
Pre-procedure	GOAL:	Benchmark:	Medicare	Medicaid	Private	Self-pay	Mc>SP>P>Ma	
Informed consent documentation rate	100%							
ASA category assessment rate	100%							
Bowel prep quality documentation rate	100%							
- excellent								
- good								
- fair								
- poor								
Intra-procedure							and so on...	
Adenoma detection rate - females \geq 50 years old	\geq 15%							
Adenoma detection rate - males \geq 50 years old	\geq 25%							
Cecal intubation rate with photodocumentation	95%							
Average withdrawal time (minutes)	\geq 8							
Intra- and post-procedure complication documentation rate	100%							
- % perforation								
- % bleeding								
Post-procedure								
Discharge instructions provided	100%							
Data Collection								
Demographics collection	100%							

NYC Benchmarking Group Routine Report #2

Microsoft Excel - final CS reports

Advancing GI Practice Through Excellence in Colonoscopy

NYC Quality Indicators by GENDER for Your Site				GENDER		Ranking:
Pre-procedure	GOAL:	Benchmark:	Male	Female	M=F	
Informed consent documentation rate	100%					
ASA category assessment rate	100%					
Bowel prep quality documentation rate	100%					
- excellent						
- good						
- fair						
- poor						
Intra-procedure					and so on...	
Adenoma detection rate - females \geq 50 years old	\geq 15%					
Adenoma detection rate - males \geq 50 years old	\geq 25%					
Cecal intubation rate with photodocumentation	95%					
Average withdrawal time (minutes)	\geq 8					
Intra- and post-procedure complication documentation rate	100%					
- % perforation						
- % bleeding						
Post-procedure						
Discharge instructions provided	100%					
Data Collection						
Demographics collection	100%					

NYC Quality Indicators by AGE for Your Site				AGE			Ranking:
Pre-procedure	GOAL:	Benchmark:	\leq 49 y	50-64	\geq 65		
Informed consent documentation rate	100%						
ASA category assessment rate	100%						
Bowel prep quality documentation rate	100%						
- excellent							
- good							
- fair							
- poor							
Intra-procedure						and so on...	
Adenoma detection rate - females \geq 50 years old	\geq 15%						
Adenoma detection rate - males \geq 50 years old	\geq 25%						
Cecal intubation rate with photodocumentation	95%						
Average withdrawal time (minutes)	\geq 8						
Intra- and post-procedure complication documentation rate	100%						
- % perforation							
- % bleeding							
Post-procedure							
Discharge instructions provided	100%						
Data Collection							
Demographics collection	100%						

NYC Benchmarking Group Routine Report #3

NYC Quality Improvement Benchmarking Report

Your site compared to all NYC sites, sites comparable by volume & % Medicaid: **RACE**

NYC Quality Indicators	GOAL	BENCH MARK	YOUR SITE				ALL NYC SITES				COMPARABLE SITES by volume				COMPARABLE SITES by % Medicaid			
			White	AA	Hisp	Asian/PI	White	AA	Hisp	Asian/PI	White	AA	Hisp	Asian/PI	White	AA	Hisp	Asian/PI
Pre-procedure																		
Informed consent documentation rate	100%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
ASA category assessment rate	100%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
Bowel prep quality documentation rate	100%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
- excellent			x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
- good			x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
- fair			x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
- poor			x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
Intra-procedure																		
Adenoma detection rate - females ≥ 50 years old	≥15%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
Adenoma detection rate - males ≥ 50 years old	≥25%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
Cecal intubation rate with photodocumentation	95%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
Average withdrawal time (minutes)	≥8	x min	x min	x min	x min	x min	x min	x min	x min	x min	x min	x min	x min	x min	x min	x min	x min	x min
Intra- and post-procedure complication documentation rate	100%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
- % perforation			x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
- % bleeding rate			x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
Post-procedure																		
Discharge instructions provided	100%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
Data Collection																		
Demographics collection	100%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%

NYC Benchmarking Group Routine Report #3

NYC Quality Improvement Benchmarking Report

Your site compared to all NYC sites, sites comparable by volume & % Medicaid: **INSURANCE TYPE**

NYC Quality Indicators	GOAL	BENCH MARK	YOUR SITE				ALL NYC SITES				COMPARABLE SITES by volume				COMPARABLE SITES by % Medicaid			
			McD	Prv	McR	SP	McD	Prv	McR	SP	McD	Prv	McR	SP	McD	Prv	McR	SP
Pre-procedure																		
Informed consent documentation rate	100%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
ASA category assessment rate	100%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
Bowel prep quality documentation rate	100%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
- excellent			x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
- good			x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
- fair			x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
- poor			x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
Intra-procedure																		
Adenoma detection rate - females ≥ 50 years old	≥15%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
Adenoma detection rate - males ≥ 50 years old	≥25%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
Cecal intubation rate with photodocumentation	95%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
Average withdrawal time (minutes)	≥8	x min	x min	x min	x min	x min	x min	x min	x min	x min	x min	x min	x min	x min	x min	x min	x min	x min
Intra- and post-procedure complication documentation rate	100%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
- % perforation			x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
- % bleeding			x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
Post-procedure																		
Discharge instructions provided	100%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
Data Collection																		
Demographics collection	100%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%

NYC Benchmarking Group Routine Report #3

Microsoft Excel - final CS report

New York Citywide
Colon Cancer
Control Coalition

NYC Quality Improvement Benchmarking Report

Your site compared to all NYC sites, sites comparable by volume & % Medicaid: AGE

NYC Quality Indicators	GOAL	BENCHMARK	YOUR SITE			ALL NYC SITES			COMPARABLE SITES BY VOLUME			COMPARABLE SITES BY % MEDICAID					
			<49 y	50-64	≥ 65	<49 y	50-64	≥ 65	<49 y	50-64	≥ 65	<49 y	50-64	≥ 65			
Pre-procedure																	
Informed consent documentation rate	100%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
ASA category assessment rate	100%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
Bowel prep quality documentation rate	100%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
- excellent			x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
- good			x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
- fair			x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
- poor			x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
Intra-procedure																	
Adenoma detection rate - females ≥ 50 years old	≥15%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
Adenoma detection rate - males ≥ 50 years old	≥25%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
Cecal intubation rate with photodocumentation	95%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
Average withdrawal time (minutes)	≥6		x min	x min	x min	x min	x min	x min	x min	x min	x min	x min	x min	x min	x min	x min	x min
Intra- and post-procedure complication documentation rate	100%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
- % perforation			x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
- % bleeding			x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
Post-procedure																	
Discharge instructions provided	100%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%
Data Collection																	
Demographics collection	100%		x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%	x%

NYC Benchmarking Group Routine Report #3

Microsoft Excel - final CS report

New York Citywide
Colon Cancer
Control Coalition

NYC Quality Improvement Benchmarking Report

Your site compared to all NYC sites, sites comparable by volume & % Medicaid: GENDER

NYC Quality Indicators	GOAL	BENCHMARK	YOUR SITE		ALL NYC SITES		COMPARABLE SITES BY VOLUME		COMPARABLE SITES BY % MEDICAID	
			M	F	M	F	M	F	M	F
Pre-procedure										
Informed consent documentation rate	100%		x%	x%	x%	x%	x%	x%	x%	x%
ASA category assessment rate	100%		x%	x%	x%	x%	x%	x%	x%	x%
Bowel prep quality documentation rate	100%		x%	x%	x%	x%	x%	x%	x%	x%
- excellent			x%	x%	x%	x%	x%	x%	x%	x%
- good			x%	x%	x%	x%	x%	x%	x%	x%
- fair			x%	x%	x%	x%	x%	x%	x%	x%
- poor			x%	x%	x%	x%	x%	x%	x%	x%
Intra-procedure										
Adenoma detection rate - females ≥ 50 years old	≥15%		x%	x%	x%	x%	x%	x%	x%	x%
Adenoma detection rate - males ≥ 50 years old	≥25%		x%	x%	x%	x%	x%	x%	x%	x%
Cecal intubation rate with photodocumentation	95%		x%	x%	x%	x%	x%	x%	x%	x%
Average withdrawal time (minutes)	≥6		x min	x min	x min	x min	x min	x min	x min	x min
Intra- and post-procedure complication documentation rate	100%		x%	x%	x%	x%	x%	x%	x%	x%
- % perforation			x%	x%	x%	x%	x%	x%	x%	x%
- % bleeding			x%	x%	x%	x%	x%	x%	x%	x%
Post-procedure										
Discharge instructions provided	100%		x%	x%	x%	x%	x%	x%	x%	x%
Data Collection										
Demographics collection	100%		x%	x%	x%	x%	x%	x%	x%	x%

Implementation requirements

- IT capability (endowriter or internet access)
- Site Data Manager (responsible for uploading, exporting, generating reports). One site data manager for every 10 physicians.
- Purchase of license

# physicians	cost
1-5	\$4,000
6-10	\$5,400
11-15	\$9,400
16-20	\$10,800

Implementation

- The NYC Benchmarking group is partnering with GI Quality Improvement Consortium, Ltd. (GIQuIC)



an educational and scientific organization led by
the American College of Gastroenterologists
and
the American Society for Gastrointestinal Endoscopy



GIQuIC, Ltd.

- Current national quality database built on a successful data-driven pilot project that identified quality indicators and created methods to collect, empirically analyze, and report endoscopy data
- GIQuIC has partnered with Outcome to manage and store data

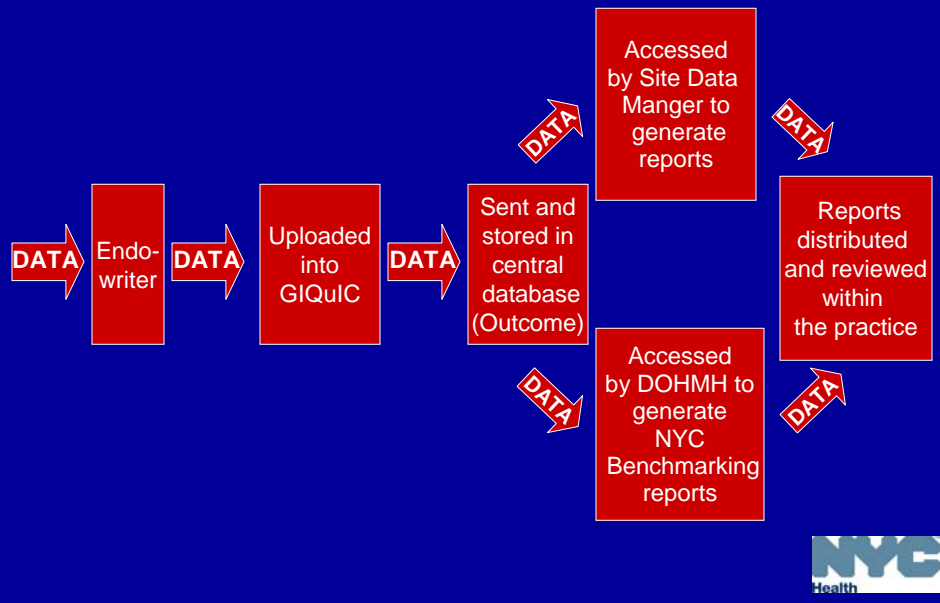
* www.giquic.org



Outcome

- Leader in registries, post-approval research, and quality improvement initiatives
- Manage data for CMS, AHRQ, WHO
- Will serve as data repository for data collected through GIQuIC with all data transfer HIPAA compliant

Data flow



NYC Benchmarking Group Participation: Goals

- Hospitals (56) – 100%
- Ambulatory Surgery Centers (17) – 100%
- Accredited Private Offices (219) – 66%



QUALITY CONTROL

Sometimes falling asleep on the job results in... awesomeness.