

What is CQIC?

Clinical Quality Improvement Collaborative

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What is CQIC ?

- The Clinical Quality Improvement Collaborative (CQIC) is a diverse group of medical and surgical specialty sites who have embraced the concept and principles of ongoing clinical quality improvement.
- CQIC sites share a common goal of facilitating and documenting quality healthcare delivery using the EMR.
- The Clinical Quality Improvement Collaborative (CQIC) is hosted by Clinical Content Consultants (CCC)

What CQIC Is and Is Not

CQIC IS NOT !

- Simply new and improved clinical content and software
- A new application or add on from a third party “vendor”
- A catch phrase born out of the HITECH Act, nor a “guarantee” of “Meaningful Use”

CQIC IS

- A Process = Clinical Quality Improvement (CQI)
- Access to EMR users and developers who are the leaders in the field of clinical quality improvement
- Best Practices and Collaboration with fellow CQIC Sites

Two Types of CQIC Member Sites

1. The site has successfully implemented EMR and now wishes to facilitate and document quality healthcare delivery using the EMR.
2. The site intends to implement the EMR and wants to go beyond the basic EMR implementation and wishes to facilitate the culture of documenting quality healthcare delivery using the EMR from day one.

CQIC Members are Leaders in Promoting Quality

- CQIC Member Sites have representatives on a variety of national workgroups and policy making committees:
 - HIMSS, AMDIS, AMIA
 - HITECH/ARRA, PPAHC, & ONC Workgroups
- CQIC Member Sites have successfully obtained quality recognition through:
 - AHRQ: Diabetes Recognition Program, Patient Centered Medical Home (Level 3)
 - PQRI (Physician Quality Reporting Initiative)
 - Private & Public Quality Improvement Grants issued by private insurers and state and federal government programs
 - Meaningful Use: Stage 1 (multiple years) and prepared for Stage 2

CQIC Members are Leaders in Promoting Quality

- CQIC Member Sites have received a variety of quality recognition awards
 - Bridges to Excellence
 - Delmarva Outpatient Quality
 - HIMSS Davies Award



CQIC is NOT just “Meaningful Use” –Much More !

- Most CQIC Member Sites have successfully attested for the Medicare and Medicaid Programs; Electronic Health Record Incentive Program commonly referred to as “Meaningful Use”
- CCC has developed enhanced clinical content and workflows to facilitate the process of becoming a “meaningful user” as just one of its many clinical quality improvement (CQI) projects

CQIC Evolution & Future

- “Friends of CCC” – 1/2006 after GE Acquisition of IP
- CQIC Officially Formed 2009
- 14 of 15 Original Invitees Joined CQIC in 2009
- Currently 42 Sites
 - 42nd Site Accepted in 12/2013
 - 3 Sites Currently on “Waiting List”
 - In 2014 – plans to explore offering CQIC “Affiliate” Membership to any interested Centricity EHR site

Current CQIC Member Sites: 3/2014

| | | | |
|--|------------------|--|-----------------------|
| AP&S Clinic | Terre Haute, IN | MedStar Health | Washington, DC |
| Baylor Healthcare-Health Texas Providers Network | Dallas, TX | Memorial Herman Family Medicine Residency | Houston, TX |
| Central Maine Healthcare | Lewiston, ME | Michigan State University | East Lansing, MI |
| Christiana Care | Wilmington, DE | Mid Coast Hospital | Brunswick, ME |
| Continuum Health Alliance | Marlton, NJ | Midvalley Family Practice | Basalt, CO |
| Dallas Family Medicine | Dallas, OR | Neighborhood Health Care Network | St. Paul, MN |
| Encompass Medical Group | Lenexa, Kansas | Oregon Medical Group | Eugene, OR |
| Erlanger Health Systems | Chattanooga, TN | Paul Perryman | Columbia, TN |
| Family Care Network | Bellingham, WA | Penobscot Community Health Care | Bangor, ME |
| Family Physicians Group-Winter Park | Orlando, FL | QuadMed | Sussex, WI |
| Garrett Medical Group | Oakland, MD | Regence Health | Amarillo, Tx |
| Healthcare for Women | Independence, MO | Rockwood Clinic | Spokane, WA |
| HealthSpring | Nashville, TN | Samaritan Health Services | Corvallis, OR |
| Hendrick Provider Network | Abilene, TX | Spartanburg Regional Healthcare System | Spartanburg, SC |
| Independent Medicine | Sioux Falls, SD | St. Mark's Family Practice Residency | Salt Lake City, UT |
| Internal Medicine Associate-Fargo | Fargo, ND | Suburban Lung Associates | Elk Grove Village, IL |
| Lehigh Valley Health Network | Allentown, PA | Tallahassee Neurologic Clinic | Tallahassee, FL |
| Lawndale Christian Health Center | Chicago, IL | University of Arkansas Medical Sciences/AHEC | Little Rock, AR |
| Linn Community Care-CRFM | Cedar Rapids, IA | Valley Women for Women | Gilbert, AZ |
| Marana Health Center | Marana, AZ | Wasatch Internal Medicine, P.C. | Salt Lake City, UT |
| MASS-Northwest Specialty Clinics | Springfield, OR | Women's Healthcare Associates | Portland, OR |

What comes with membership in the CQIC ?

- Access to:
 - Weekly on-line Education & Training Presentations on a variety of clinical quality improvement topics and process
 - All sessions recorded & available to CQIC members for viewing on the CQIC client portal and for download to CQIC sites administrators
 - See Current & Past Schedule Slides
 - On-line Education & Training Video Modules for CCC Core Forms and Applications (CDSS)

Current CQIC Presentations Schedule

CQIC Meeting Schedule for December 2013-March 2014

| <u>Day</u> | <u>Date</u> | <u>Eastern</u> | <u>Topic(s)</u> | <u>Who Should Attend</u> |
|---|-------------|----------------|---|---|
| Thursday | 12/5/2013 | 4:00-6:00 PM | Cardiovascular Management: New ACC/AHA 2013 Lipid Guidelines | Any provider or team member interested in learning more on the New ACC/AHA 2013 Lipid Guidelines and their clinical impact |
| Thursday | 12/12/2013 | 4:00-6:00 PM | Conditional Action Metrics: Part 1 | Any provider or team member interested in learning more on Conditional Action Metrics (CAMs); when and where to use with clinical workflow examples |
| Thursday | 12/19/2013 | 4:00-6:00 PM | Conditional Action Metrics: Part 2 | Any provider or team member interested in learning more on Conditional Action Metrics (CAMs); when and where to use with clinical workflow examples |
| <u>NO MEETING Week of 12/23/13 - Happy RamaHanuKwanzMas</u> | | | | |
| Thursday | 1/9/2014 | 4:00-6:00 PM | CQIC 2013 Year in Review and Plans for CQIC 2014 | Any provider or team member interested in learning more on the CQIC 2013 Year in Review and Plans for CQIC 2014 |
| <u>NO MEETING Week of 1/13/14</u> | | | | |
| Thursday | 1/23/2014 | 4:00-6:00 PM | Immunization Management Update | Any provider or team member interested in learning more on Immunization Management including Immunization Registry transfer of information |
| Thursday | 1/30/2014 | 4:00-6:00 PM | CEMR _{9.8} /CPS ₁₂ Update: What it means for CQIC Sites | Any provider or team member interested in learning more on the CEMR _{9.8} /CPS ₁₂ Release: What it means for CQIC Sites |
| Thursday | 2/6/2014 | 4:00-6:00 PM | Q1-2014 CQIC Release Update | Any provider or team member interested in learning more on the Q1-2014 CQIC Release Update |
| Thursday | 2/13/2014 | 4:00-6:00 PM | Q1-2014 CQIC CDSS Update | Any provider or team member interested in learning more on the Q1-2014 CQIC CDSS Update |
| Thursday | 2/20/2014 | 4:00-6:00 PM | Preventive Care Management Update | Any provider or team member interested in learning more on documenting and tracking Preventive Care Management |
| <u>NO MEETING Week of 2/24/14</u> | | | | |
| Tuesday | 3/4/2014 | 4:00-6:00 PM | Clinical Workflows and Application of Frequently Requested Functions | Any provider or team member interested in learning more on Clinical Workflows and Application of Frequently Requested Functions |
| Thursday | 3/13/2014 | 4:00-6:00 PM | Diabetes & Prediabetes Management Update | Any provider or team member interested in learning more on Diabetes & Prediabetes Management |
| Thursday | 3/20/2014 | 4:00-6:00 PM | CEMR _{9.8} /CPS ₁₂ Update: Current Status & Recommendations | Any provider or team member interested in learning more on the current status of CEMR _{9.8} /CPS ₁₂ and recommendations |
| Thursday | 3/27/2014 | 4:00-6:00 PM | Stage 2 Meaningful Use Update: 90 Day Reporting Checklist | Any provider or team member interested in learning more on Stage 2 Meaningful Use Update: 90 Day Reporting Checklist-what you should be doing |
| Thursday | 4/3/2014 | 4:00-6:00 PM | Frequently Asked Questions & Open Forum | Any provider or team member can submit questions or topics to cover in advance to be presented and discussed during this session. |

What comes with membership in the CQIC ?

- Access to:
 - Best Practices & Clinical Workflows designed and successfully implemented by CCC and CQIC member sites
 - On-line individual site meetings with your sites clinical quality team to facilitate planning, implementation, education, training, and reporting needs specific to your site

What comes with membership in the CQIC ?

- Access to:
 - The CQIC release of clinical content and CCC Core forms, applications, and clinical decision support system (CDSS)
 - Support (technical, clinical, and implementation) of the CQIC release of clinical content and CCC Core forms, applications, and clinical decision support system (CDSS)

What comes with membership in the CQIC ?

- Access to:
 - The CCC consulting team for supplemental planning, implementation, education, training, and reporting needs specific to your site
 - For a variety of practical reasons, CCC has chosen to only offer access to its consulting services to members of the CQIC

We Know that Quality Improvement is Closely Correlated with Skilled EHR Use

- Score 1 point for each quality measure > 50%ile
- CDSS Use Definitions
 - Heavy Use = 75% +
 - Moderate Use = ~ 50%
 - Sometime Use = ~ 25%
 - Rare Use = < 25%

Correlation Between Use of Protocols and Quality Metrics

| Quality Score | 4 | 3 | 2 | 1 | 0 |
|-------------------------------------|-----|-----|-----|-----|-----|
| Heavy – Consistent Use of Protocols | 71% | 29% | 0% | 0% | 0% |
| Moderate Use of Protocols | 57% | 14% | 29% | 0% | 0% |
| Occasional Use of Protocols | 14% | 14% | 29% | 43% | 0% |
| Zero – Rare Use of Protocols | 6% | 9% | 15% | 15% | 55% |

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Not Cause & Effect, BUT, Definite Correlation Between Use of CDSS Prompts & Quality Measures

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Anticoagulation Management: based on ACCP 8 Guidelines

Asthma Management: based on NHLBI/NAEP Guidelines

Bariatric Medicine & Surgery with BOLD Reporting Integration

Cancer Staging & Management: based on AJCC/FIGO Guidelines

Cardiovascular Management Risk Reduction and Evidence-Based Guidelines: based on ACC/AHA/USPSTF/JNC8/Million Hearts Initiative

Cervical Cancer Screening & Management: based on ACOG/American Society for Colposcopy and Cervical Pathology (ASCCP) Evidence-Based Bethesda Guidelines

CHF Management: based on AHA/ACC Guidelines

CKD Management: based on NKF KODQI Guidelines

COPD Management: based on ACP/ATS/GOLD Guidelines

Diabetes Management: based on ADA Standards of Medical Care in Diabetes

Stage 1 & 2 Meaningful Use: Evidence-Based Clinical Quality Measures Improvement Initiatives

Women's Healthcare: High Risk OB Identification and Management Using Actionable Point of Care Evidence-Based Clinical Decision Support

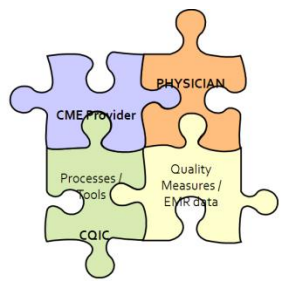
Women's Healthcare: Urinary Incontinence-Risk Factor Reduction, Early Identification, and Management

Performance Improvement CME

- Clinical Content Consultants has partnered with Memorial Hermann's Department of Continuing Medical Education
 - Performance Improvement CME Modules
 - Earn up to 20 Category 1 AMA Credits
 - 20 Prescribed Credits with AAFP

CQIC

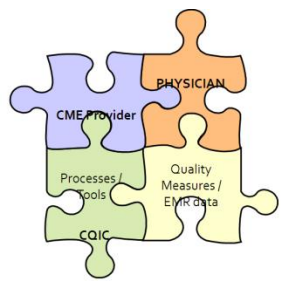
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CQIC Performance Improvement CME Modules

- Asthma PI CME
 - 6/2010
- Meaningful Use PI CME
 - 9/2010
- Cardiovascular Management PI CME
 - 1/2011
- Diabetes Management PI CME
 - 2/2011
- Female Urinary Incontinence PI CME
 - 2/2011



What is the cost and benefit of membership in the CQIC ?

- Currently the cost for CQIC membership is \$2,100/month independent of the size of the group or the organization
*** "Scholarships"
- All CQIC members receive the same benefits and access to clinical content and CCC hours independent of the size of the group or organization
- Sites are invoiced monthly and membership can be cancelled at anytime with 30 days notice
- *** ***"Scholarships" for small groups available***
 - *(see upcoming slide)*

What is the cost and benefit of membership in the CQIC ?

- Why \$2,100/month?
 - Actual monthly overhead and expense costs to CCC to enroll and support a CQIC member site
 - For larger organizations, typically falls under the required dollar amount to receive special budget approval
 - For smaller sites, the cost annualizes to a fraction of the amount most insurance companies or state and federal agencies allocate for various quality improvement projects - ROI

What is the cost and benefit of membership in the CQIC ?

- Smaller Groups typically fund their membership in CQIC from a variety of available (potential) resources:
 - Quality Incentive Bonuses from Insurers
 - PQRI
 - Potential HITECH/ARRA Incentives
 - Quality Research Grants (Insurers, State/Federal)
- CCC and CQIC Member Sites act as resources for current and future quality projects

Smaller Groups “Scholarship” Program

- For Smaller Groups who exhibit the qualities and enthusiasm to be a good CQIC member, but due to financial constraints cannot budget for full membership, CCC does offer a “Scholarship” Program
- “Scholarship” = discounted CQIC monthly membership of \$1,050/month (50% reduction)
- Agreement by “Scholarship” Sites to:
 - Participate in current CQI projects & Share/Present CQI Outcomes
 - Submit improved outcomes for Quality Incentives
 - When Quality Incentives become available, become non-Scholarship (or reduced scholarship) members so that additional “Scholarships” can be made available to others

Return on Investment (ROI):

- Most sites ask about specific ROI for CQIC membership.
- Until recently, it was extremely difficult to quantify financial ROI for quality.
- However, with PQRI, HITECH/ARRA, and various Incentive Bonuses and/or Grants already issued or expected to current CQIC members, the cost of CQIC membership is a fraction of current & future quality incentives.

What is the benefit of membership in the CQIC ?

- The CQIC is not simply about certification as a “meaningful user”, PCMH, or PQRI.
- It is a culture of continuing clinical quality improvement processes that goes far beyond the current or future incentive programs that may or may not be available.
- CQIC members define and direct the future of quality healthcare and outcomes not simply try and adhere to various policies and measures.

CQIC is NOT for Everyone !

- Not every site is ready for CQIC !
- If you are simply interested in the latest release of clinical content
- are looking for a quick and easy implementation, OR
- just want clinical content for a particular specialty that isn't generally available
- then the CQIC is NOT for you.

What if our site is interested in becoming a CQIC Member Site?

- Currently membership in CQIC is restricted to users of the Centricity EMR
- Must have a current software license to use:
 - Centricity EHR
 - and the CCCQE™ forms (CCC clinical content)
- “Affiliate” CQIC Membership starting in 2nd quarter of 2014 for ANY Centricity EHR site

What is the CQIC “Affiliate” Member?

- “Affiliate” CQIC Membership starting in 2nd quarter of 2014 for ANY Centricity EHR site
 - DO NOT have to be using CCC Forms or content
- “Affiliate” Members will have access to the CQIC Users Website for current and past WebEx presentations as well access to the CQIC CDSS (Clinical Decision Support System)

What is the CQIC CDSS?

- CQIC CDSS (Clinical Decision Support System) is an evidence-based actionable point of care decision support system with over 250 current CDSS prompts
- CQIC CDSS prompts can be used independent of the CQIC core forms (any Centricity EHR site) and allow implementation of a variety of Clinical Quality Improvement projects!

Examples of the CQIC CDSS?

- **Meaningful Use Clinical Quality Measures**
 - Asthma Control Assessment DUE
 - Asthma Management-CQIC
 - Asthma Severity Assessment DUE
 - Beers Criteria: ALERT! (Drugs in the Elderly)
 - Chlamydia Screening for Women 15-24 Years and High Risk-MAY be Due
 - Depression Screening Guidelines
 - Depression Screening Guidelines with CPT-II Codes

Examples of the CQIC CDSS?

- **Meaningful Use Clinical Quality Measures**
 - Flu Vaccine May Be Due or Needs Documentation
 - Flu Vaccine May Be Due or Needs Documentation-6 months to 8 years
 - Flu Vaccine May Be Due or Needs Documentation-6 months to 8 years-Latex Allergy
 - Flu Vaccine May Be Due or Needs Documentation-Latex Allergy
 - Flu Vaccine Reminder and CQI Reporting

Examples of the CQIC CDSS?

- **Meaningful Use Clinical Quality Measures**
 - Hypertension Screening and Follow-up
 - Hypertension Screening and Follow-up JNC8 Panel
 - Hypertension: Blood Pressure Measurement Due
 - Ischemic Vascular Disease (IVD): No Documented Aspirin or Antiplatelet Therapy
 - Pharyngitis Appropriate Testing for Children Documented
 - URI Appropriate Treatment: Antibiotics NOT Indicated

Examples of the CQIC CDSS?

- **Meaningful Use Clinical Quality Measures**
 - Pneumovax Over Age 65 Years-May be Due
 - Pneumovax Over Age 65 Years-Repeat May be Due
 - Pneumovax at HIGH RISK-May be DUE
 - Pneumovax at HIGH RISK-May be DUE age 2-18 yrs
 - Pneumovax recommended for Current Smokers age 19 to 64 years

Examples of the CQIC CDSS?

■ Meaningful Use Clinical Quality Measures

- Smoking Cessation Counseling-Current Smoker
- Smoking Cessation Counseling-Current Smoker: Always Advise to Quit
- Smoking Cessation Counseling-Current Smoker: Always Advise to Quit: BecomeAnEx
- Smoking Status CMS Verbiage ALERT!
- Smoking Status-Current Smoker
- Smoking Status-Former Smoker
- Smoking Status-Never Smoked
- Smoking Status-Undocumented
- Smoking Status/Counseling-Current Smoker
- Smoking Status/Counseling-Current Smoker with PQRI Codes
- Smoking Status/Counseling-Current Smoker: BecomeAnEx
- Smoking Status/Counseling-Former Smoker
- Smoking Status/Counseling-Former Smoker with PQRI Codes
- Smoking Status/Counseling-Never Smoked
- Smoking Status/Counseling-Never Smoked with PQRI Codes
- Smoking Status/Counseling-Undocumented
- Smoking Status/Counseling-Undocumented with PQRI Codes
- Smoking Status/Counseling-Undocumented: BecomeAnEx
- Smoking Status: Current Smoker-Add Diagnosis to Problem List

Examples of the CQIC CDSS?

- **Meaningful Use Clinical Quality Measures**
 - Weight Management Counseling and Care Plan Age 18-65 Years
 - Weight Management Counseling and Care Plan Age 18-65 Years with PQRI Codes
 - Weight Management Counseling and Care Plan Age 2-18 Years
 - Weight Management Counseling and Care Plan Age 2-18 Years with PQRI Codes
 - Weight Management Counseling and Care Plan Age > 65 Years
 - Weight Management Counseling and Care Plan Age > 65 Years with PQRI Codes

Examples of the CQIC CDSS?

- **Meaningful Use Core Measure “Fail Safes”**
 - Allergies UNDOCUMENTED
 - Demographics Due-Document Now
 - Medication Reconciliation NOT Documented this visit
 - Problem-Medications or Allergies UNDOCUMENTED
 - Vital Signs Due-Document Now
 - Vital Signs Due-Document Now age 65 years and older
 - Vital Signs Due-Document Now ages 2 to 21 years
 - Vital Signs Due-Document Now ages 21 to 65 years
 - Vital Signs Exemptions-Check to Document

Examples of the CQIC CDSS?

■ Preventive Care (Pediatrics)

- Cardiovascular Risk Assessment: ages 2 years to 20 years
- Chlamydia Screening for Women 15-24 Years and High Risk-MAY be Due
- Elevated Blood Pressure in Pediatric Female: Action Required
- Elevated Blood Pressure in Pediatric Male: Action Required

Examples of the CQIC CDSS?

■ Preventive Care (Pediatrics)

- Flu Vaccine May Be Due or Needs Documentation-6 months to 8 years
- Flu Vaccine May Be Due or Needs Documentation-6 months to 8 years-Latex Allergy
- Lead Risk Assessment and Screening 1-2 Years
- Lead Risk Assessment and Screening 2-3 Years
- Lead Risk Assessment: 2 years to 6 years
- Lead Risk Assessment: 6 Months to 2 years
- Lead Screening NOT Documented 3-6 Years

Examples of the CQIC CDSS?

■ Preventive Care

- Cervical Cancer Screening 21-29 yrs
- Cervical Cancer Screening 30-65 yrs
- Cervical Cancer Screening 21-30 yrs-May be PAST DUE for Pap Smear
- Cervical Cancer Screening over 30 yrs-May be PAST DUE for Pap Smear
- Chlamydia Screening for Women 15-24 Years and High Risk-MAY be Due

Examples of the CQIC CDSS?

■ Preventive Care

- Breast Cancer Risk Assessment and Management of Increased Risk
- Breast Cancer Screening
- Breast Cancer Screening-May Be Past Due For Mammogram
- Colorectal Cancer Screening
- Colorectal Cancer Screening-May be PAST DUE for Rescreening

Examples of the CQIC CDSS?

■ Million Hearts Initiative

- Million Hearts: Aspirin for Primary Prevention of CHD in Men
- Million Hearts: Aspirin for Primary Prevention of CHD/Stroke in Women
- Million Hearts: Aspirin for Secondary Prevention in CHD
- Million Hearts: Blood Pressure Management and Treatment to Goal
- Million Hearts: Cardiovascular Risk Assessment and Management+
- Million Hearts: Cardiovascular Risk Reduction Goals NOT Met+
- Million Hearts: Family History of CHD
- Million Hearts: Lipid Management and Treatment to Goal
- Million Hearts: Lipid Screening Due

Examples of the CQIC CDSS?

- **Preventive Care: Prediabetes Screening**
 - Pre-diabetes Screening and Management-ADA Guidelines
 - Pre-diabetes Screening and Management-USPSTF Guidelines
 - Prediabetes Care Plan and Tracking
 - Prediabetes Management
 - Prediabetes Management-Undiagnosed

Examples of the CQIC CDSS?

- Visit the Clinical Content Consultants Website
 - clinicalcontent.com
- Visitors Tab
 - Sample CQIC WebEx PowerPoints & Videos

What if our site is interested in becoming a CQIC Member Site?

- Membership into CQIC is by invitation only and requires referral and sponsorship by at least one current CQIC Member Site.
- The number of CQIC Sites is intentionally limited to allow the CCC team the required hours of personal guidance and leadership required to make your site successful.

What if our site is interested in becoming a CQIC Member Site?

- If you feel your group is ready to embrace the principles of clinical quality improvement (CQI) and your group is truly interested in becoming a member of the Clinical Quality Improvement Collaborative (CQIC), then contact:
- John Janas MD at:
 - jjanas@clinicalcontent.com