

About MQIC

The Michigan Quality Improvement Consortium is a group of health plans, physicians, quality improvement organizations and medical societies. The consortium uses a collaborative approach to develop and implement common evidence-based clinical practice guidelines for the treatment of certain conditions and standard methods of performance measurement. This approach is designed to support consistent delivery of evidence-based health care services and better health outcomes. It will also improve physicians' practice environment by reducing the administrative burdens imposed by diverse health plan guidelines and associated requirements. In general, MQIC guidelines focus on primary care and emphasize the prevention and management of chronic conditions.

Participating Health Plans and Organizations:

Blue Cross Blue Shield of Michigan	Michigan State Medical Society
Blue Care Network	Molina Health Care of Michigan
Great Lakes Health Plan	Michigan Peer Review Organization
Health Alliance Plan	OminCare
HealthPlus of Michigan	Physicians Health Plan of Mid-Michigan
Health Plan of Michigan	Priority Health
Midwest Health Plan	Pro Care Health Plan Inc.
Michigan Association of Health Plans	Total Health Care, Inc.
Michigan Department of Community Health	University of Michigan Health System
Michigan Osteopathic Association	

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Questions or Comments?

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MQIC 2008 Activity Highlights

- Completed annual guideline mailing to 13,685 physicians statewide (21 guidelines; four tools)
- Reviewed and updated MQIC guidelines on depression, osteoporosis, diabetes, prenatal care, childhood overweight prevention and treatment, asthma, adult preventive services and chronic kidney disease (11 guidelines)
- Submitted the complete set of MQIC guidelines and related background information for publication on National Guideline Clearinghouse Web site at **guideline.gov**.
- Finalized two new guidelines addressing management of acute low back pain and uncomplicated acute bronchitis in adults
- Began the draft guideline development process for clinical topics on prevention of pregnancy in adolescents 12-17 years old and office-based surgery
- Added reference links to the MQIC guidelines Web site
- Planned a future guideline development agenda:
 - Traumatic brain injury
 - Attention deficit-hyperactivity disorder
 - Chronic obstructive pulmonary disease
 - Upper respiratory infection in children
 - Medical management of post-myocardial infarction
- Reviewed MQIC measures and specifications, and revised them as indicated. Measures and specifications for 2008 are available on the MQIC Web site at **mqic.org**.
- Selected measures for pediatric preventive services, prenatal care and chronic kidney disease guidelines
- Completed annual performance reporting based on health plans' 2008 HEDIS® and non-HEDIS® data
- Selected and approved an additional physician tool for the hypertension guideline
- Identified potential tools for acute bronchitis, low back pain, osteoarthritis, deep venous thrombosis, osteoporosis and acute pharyngitis guidelines
- Completed 2007-2008 MQIC Awareness Campaign
 - Coordinated messages distributed by MQIC health plans, MPRO, MSMS and MOA about:
 - Cancer screening recommendations (breast, cervical and colorectal)
 - Focused diabetes recommendations (smoking cessation, glycemic control, blood pressure and lipids management)
 - Evaluated campaign through the MQIC awareness survey for providers
- Started project planning for a collaborative asthma quality improvement initiative. MQIC Measurement Group providing special asthma data set (HEDIS® asthma data by ZIP code and race) to assist with project planning.
- Collaborated through the MQIC and Michigan Department of Community Health Provider Task Force to develop a guideline addressing pregnancy prevention in adolescents
- Joined National Kidney Foundation of Michigan in promoting the "ASIST 2010: Healthy Communities Start With You" project
- Coordinated and collaborated with other ongoing quality improvement efforts, such as the Greater Detroit Area Health Council's "Save Lives Save Dollars" initiative and the Primary Care Initiative for a Healthier Michigan

Clinical practice guideline development

Guideline revisions and updates

In keeping with the National Committee for Quality Assurance's guideline review and update process requirements, the following guidelines were reviewed, updated and re-approved by the MQIC Medical Directors' Committee in 2008:

- Adult Preventive Services Ages 18-49 (effective September 2008)
- Adult Preventive Services Ages 50-65+ (effective September 2008)
- Diagnosis and Management of Chronic Kidney Disease (effective November 2008)

Based on the 2007 National Asthma Education and Prevention Program Expert Panel Report 3, the MQIC guidelines for management of persistent asthma in infants and children 5 years and younger and in adults and children older than 5 years were retired and replaced with the following updated guidelines:

- General Principles for the Diagnosis and Management of Asthma
- Management of Asthma in Children 0 to 4 Years
- Management of Asthma in Children 5 to 11 Years
- Management of Asthma in Youth 12 Years and Older and Adults

New guidelines

In support of patient safety and quality services delivered in the office-based surgery setting, the MQIC Medical Directors' Committee is developing a guideline on office-based surgery. The draft guideline is based on the 2007 American Medical Association's Improving Office-Based Surgery Principles. (Check ama-assn.org for more information.)

MQIC is also collaborating with the Michigan Department of Community Health to develop an age-appropriate, evidence-based clinical practice guideline for preventing pregnancies in adolescents 17 years old and younger. The MQIC and MDCH Provider Task Force introduced a draft guideline to the MQIC Medical Directors' Committee for review at the committee's Nov. 12 meeting. The draft guideline was amended and is currently in circulation for comments. National organizations, such as the National Campaign to Prevent Teen and Unplanned Pregnancy, will be included in the review process as well. A companion toolkit is also in development.

Future guidelines

MQIC will develop new guidelines on the following clinical topics:

- Traumatic brain injury
- Attention deficit-hyperactivity disorder
- Chronic obstructive pulmonary disease
- Upper respiratory infection in children
- Medical management of post-myocardial infarction

Annual guideline mailing

Preparation is underway for the annual statewide guideline mailing. During March, MQIC will mail 27 guidelines to Michigan family practice, general practice, internal medicine, obstetric, gynecologic and pediatric physicians.

MQIC measurement

MQIC annual performance measures

The MQIC 2008 performance report measures were as follows:

HEDIS® comprehensive diabetes care measures:

1. HbA1c testing
2. HbA1c poor control (>9.0%)
3. HbA1c good control (<7.0%)
4. Retinal eye exam performed
5. LDL-C screening
6. LDL-C control (< 100 mg/dL)
7. Medical attention for nephropathy
8. Blood pressure control (<130/80 mm Hg)
9. Blood pressure control (<140/90 mm Hg)

Non-HEDIS® diabetes care measures:

1. Statin therapy
2. Disease burden measures (Reported every five years; due with HEDIS® 2008 data.)
 - A. Acute myocardial infarction
 - B. Cerebrovascular accident
 - C. Amputations
 - D. Dialysis

HEDIS® use of appropriate medications for people With asthma measures:

1. 5-9 years old
2. 10-17 years old
3. 18-56 years old
4. Total (sum of the three numerators divided by sum of the three denominators)

Non-HEDIS® asthma medication measures:

1. Periodic assessment (5-56 years old)
2. Emergency department visits for members being treated for a primary diagnosis of asthma

HEDIS® medical assistance with smoking cessation measures:

1. Advising smokers to quit
2. Discussing smoking cessation medications
3. Discussing smoking cessation strategies

Non-HEDIS® tobacco control measures:

1. Percent current smokers

HEDIS® antidepressant medication management for major depression measures:

1. Optimal practitioner contacts for medication management
2. Effective acute phase treatment
3. Effective continuation phase treatment

HEDIS® initiation and engagement of alcohol and other drug dependence treatment measures:

1. Initiation of substance abuse treatment
2. Engagement of substance abuse treatment

HEDIS® cholesterol management for patients with cardiovascular conditions measures:

1. LDL-C screening
2. LDL-C control (< 100 mg/dL)

Non-HEDIS® hyperlipidemia measure:

1. Statin therapy for people with cardiovascular conditions

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HEDIS® controlling high blood pressure measure:

1. Controlling high blood pressure (< 140/90 mm Hg)

Non-HEDIS® hypertension measure:

1. Percentage of members with any diagnosis of hypertension

HEDIS® appropriate testing for children with pharyngitis measure:

1. Appropriate testing for children with pharyngitis

HEDIS® adult preventive services (ages 18 and older) measures:

1. Colorectal cancer screening
2. Breast cancer screening
3. Cervical cancer screening
4. Chlamydia screening in women 21-25 yearsold
5. Flu shots for adults ages 50 – 64 (CAHPS®) (Commercial only)
6. Flu shots for older adults (CAHPS®) (Medicare only)
7. Pneumonia vaccination status for older adults (CAHPS®) (Medicare only)

PREVENTIVE SERVICES FOR INFANTS AND CHILDREN (BIRTH – 24 MONTHS)

HEDIS® preventive services for infants and children (ages birth to 24 months old) measures:

1. Childhood immunization status (DTaP, IPV, MMR, HiB, Hepatitis B, VZV, Pneumococcal conjugate, Combination 2 (DTaP, IPV, MMR, HiB, hepatitis B, VZV), Combination 3 (DTaP, IPV, MMR, HiB, hepatitis B, VZV, pneumococcal conjugate)
2. Well-child visits in the first 15 months of life (six or more visits)
3. Lead screening in children (Medicaid only)

PREVENTIVE SERVICES FOR CHILDREN AND ADOLESCENTS (AGES 2 - 18)

HEDIS® preventive services for children and adolescents (ages 2-18) measures:

1. Well-child visits in the third, fourth, fifth and sixth years of life
2. Adolescent well-care visits
3. Chlamydia screening in women 16-20 years old

HEDIS® routine prenatal and postpartum care:

1. Prenatal and Postpartum Care (timeliness of prenatal care; postpartum visit between 21 and 56 days after delivery)

MQIC performance reporting

MQIC performance measurement results for 2008 are available on the MQIC Web site at mqic.org. (See the Measurement Committee Year-End Report 2008 on the Measurement and Reports page.)

The MQIC Performance Measurement Work Group is establishing measures for the 2009 reporting period. A new non-HEDIS® measure for the chronic kidney disease guideline will be included. The measure will assess the percentage of members in the HEDIS® diabetes and hypertension populations who have had a glomerular filtration rate test. The work group will define specifications for the new measure.

Other guidelines the work group will re-evaluate for potential measures include adult obesity, childhood overweight prevention, childhood overweight treatment, acute bronchitis and low back pain.

The work group is also providing assistance to the MQIC Implementation Team to plan and design a collaborative quality improvement project to improve asthma management in the commercial and Medicaid populations. The HEDIS® Use of Appropriate Medications for People With Asthma results are being compiled by ZIP code and race (Medicaid only) for the implementation team to use to develop a focused initiative to improve asthma management in high burden communities.

MQIC Implementation: MQIC Awareness Campaign

The two-year **MQIC Awareness Campaign** ending in November was a success, with an overall increase in the percent of physician office survey respondents who were aware of, received and used the MQIC guidelines.

The collaborative two-year campaign wrapped up in November, having promoted uniform prevention and chronic care messages to physicians and patients in various communication vehicles, such as newsletters and Web sites. Several MQIC health plans, the Michigan Peer Review Organization, Michigan Osteopathic Association and Michigan State Medical Society helped to spread the word about important cancer screening and diabetes management recommendations.

Planning continues on the development of a collaborative quality improvement project to improve asthma management in Michigan. Focused multi-payer performance reports for physicians using administrative data is under consideration. The MQIC Performance Measurement WorkGroup is compiling a report on the HEDIS® Use of Appropriate Medications for People With Asthma results by ZIP code and race for Medicaid patients. The implementation team plans to use the report to plan activities that will address disparities within the Medicaid population.

Collaborative Activities

The National Kidney Foundation of Michigan

In the spirit of partnership, MQIC has assisted the National Kidney Foundation of Michigan to promote the Healthy Communities Start With You project. The project offers a collection of free and reduced-cost evidence-based programs developed by Stanford University to promote positive and healthy daily living for those at risk or living with a chronic health condition. The project has two objectives:

- To increase the number of people who learn how to successfully manage their health conditions on a daily basis through participation in the Diabetes Self-Management Training, Personal Action Toward Health and Tomando Control de su Salud programs
- To decrease the number of inactive people by offering the Enhance Fitness program

For more information about Healthy Communities Start With You, please visit nkfm.org or call **800-482-1455**.

MQIC and MDCH Provider Task Force

To further assist statewide efforts to reduce unintended pregnancy in Michigan, MQIC in collaboration with MDCH has established a 30-member provider task force to develop an evidence-based clinical practice guideline to guide providers in counseling for the prevention of teen pregnancy.

Significant progress has been made in development of the MQIC Prevention of Pregnancy in Adolescents 12-17 Years guideline. A draft guideline was presented to the MQIC Medical Directors' Committee for review on November 12, 2008. The draft guideline was amended and is currently in circulation for comments. A companion toolkit is also in development.

