

The Kansas City Orthopaedic Institute, LLC
Community Health Needs Assessment
2013-2015

I. Purpose for the Plan:

The following Community Health Needs Assessment was completed for the Kansas City Orthopaedic Institute, LLC (KCOI). This Community Health Needs Assessment documents and prioritizes community health care needs identified in 2013.

Hospital Description:

The Kansas City Orthopaedic Institute is the first and only hospital in the Kansas City area dedicated solely to orthopedics. KCOI was created through a strategic alliance between leading orthopedic surgeons in Kansas City and Saint Luke's Health System. The hospital specializes in providing comprehensive inpatient and outpatient treatment of orthopedic disorders. KCOI services include:

- Inpatient and outpatient surgery for all orthopedic sub-specialties,
- Rehabilitation, including physical therapy and occupational therapy,
- Diagnostic imaging - Magnetic resonance imaging (MRI),
- Interventional pain treatment provided by board-certified physiatrists,
- Prosthetics, orthopedic braces, and durable medical goods.

KCOI consistently achieves exceptional quality and patient satisfaction scores. The hospital is equipped with 9 staffed beds, 4 operating rooms, a diagnostic imaging department, and a rehabilitation department providing physical and occupational therapy.

II. Saint Luke's Health System Affiliation and Collaboration

Saint Luke's Health System is a not-for-profit, locally-owned, faith-based, fully aligned health system in existence since Saint Luke's Hospital opened in 1882. Saint Luke's Health System is committed to the highest levels of excellence in providing health care and health related services in a caring environment. The health system is dedicated to enhancing the physical,

mental, and spiritual health of the communities they serve. SLHS currently consists of ten hospitals and related health services in the Kansas City area and surrounding region. The health system has earned a reputation for excellence as demonstrated through recognition as a Malcom Baldrige National Quality Award winner, Kansas City Business Journal Best Places to Work winner, Hospitals and Health Networks Most Wired recipient, Magnet nursing designation, Missouri Quality Award, and a host of other awards and honors.

As part of the System, all owned and affiliated hospitals are required to adhere to high standards for medical quality, patient safety and patient satisfaction.

III. Community Served by the Hospital

The Kansas City Orthopedic Institute is located in Johnson County, Kansas and serves a similar service area as Saint Luke’s South Hospital. The primary service area includes 21 zip codes; the majority of them are located in Johnson County, Kansas. Miami County, Kansas and Cass County, Missouri are also included in the demographic data however Johnson County, Kansas is the primary focus of the assessment. The chart below highlights key health indicators and demographic and population information.

THE KANSAS CITY ORTHOPEDIC INSTITUTE/Saint Luke’s South Hospital Service Area (majority of zip codes located in Johnson County, KS)
<ul style="list-style-type: none"> • 95% urban geographic area, 5% rural
<ul style="list-style-type: none"> • Total Population: 610,248
<ul style="list-style-type: none"> • Ethnicity: 92% White/Caucasian followed by the second largest majority 2.25% Hispanic/Latino
<ul style="list-style-type: none"> • Age Profile: Ages 0-17, 27%. Ages 18-44, 35.5%. Ages 45-64, 27.1%. Ages 65+, 10.3%.
<ul style="list-style-type: none"> • # of low income individuals living in Johnson County, KS: 95,000
<ul style="list-style-type: none"> • Male to female population ratio: 51% Females, 49% Males
<ul style="list-style-type: none"> • Education level: 93% have a high school or higher education.
<ul style="list-style-type: none"> • Adult Obesity (BMI > 30): Johnson County 25%.

IV. Community Needs Assessment Summary

National, State, and Local Priorities

National Priorities

According to the Department of Health and Human Services the leading health indicators for Healthy People 2020 include the following:

- Access to Care
- Healthy Behaviors
- Chronic Diseases
- Environmental Determinants
- Social Determinants
- Injury
- Mental Health
- Maternal and Infant Health
- Responsible Sexual Behavior
- Substance Abuse
- Tobacco
- Quality of Care

Source: Healthy People 2020, 2011

State Priorities

The State of Kansas is constantly reviewing public health initiatives. Key topics include: community health, health care delivery and rural access, insurance coverage, maternal and child health, as well as nutrition and health behaviors. Through the use of 2012 County Health Rankings, Kansas counties can identify major health needs within their communities and compare their health status to the rest of the State. Health care delivery can be a challenging issue in the State of Kansas due to limited specialty providers in rural areas. Inadequate insurance coverage is a concern for many counties in Kansas with the uninsured rates ranging from 9.8-25.5%. Along with addressing insurance coverage, effective economics, educational and health policies are vital to reducing the health risks for children. Nutrition and health behaviors remain a top priority for the State of Kansas with key initiatives targeting tobacco use and physical activity.

Source: Kansas Health Institute, 2012

Local Priorities

The Johnson County Health Department facilitated a community health assessment process that took into account input from a broad range of agencies serving the social, health, and wellness needs of the community through the Johnson County Health Coalition. The coalition includes Saint Luke's Health System, hospitals such as Shawnee Mission Medical Center, Olathe Medical Center, Children's Mercy Hospital, and Carondelet Health, local insurers such as Blue Cross Blue Shield of Kansas City and Humana, and other not-for profit community based

agencies such as El Centro, League of Women Voters, REACH Health Care Foundation, and local school districts as well as the Johnson County Department of Health and Environment. A full list of Johnson County Health Coalition partners can be found on the following website:

[http://jcdhe.iocogov.org/files/docs/CHIP%20\(3\).pdf](http://jcdhe.iocogov.org/files/docs/CHIP%20(3).pdf). The Johnson County Health Department issued its community health assessment, *2011 Community Health Profile – Johnson County, Kansas*. The report is a public resource about demographics and health risks within the community. Johnson County Health Department’s Community Health Improvement Plan 2012-2017 was made publically available in 2012. Through the collaborative process , the top three health priorities identified for Johnson County were

- Physical Activity/Nutrition (Obesity),
- Access to Health Care, and
- Abuse/Mental Health.

Source: Johnson County Health Department, 2011

Recognizing KCOI’s strategic alliance with Saint Luke’s Health System, KCOI also considered data and information provided in the community health needs assessment (CHNA) conducted by Saint Luke’s South Hospital, a Saint Luke’s Health System facility that shares a similar market area with KCOI. The complete Community Health Needs Assessment (CHNA) conducted by Saint Luke’s South Hospital is available on the following website

<http://www.saintlukeshealthsystem.org>.

These sources take into account input from persons and organizations that represent the broad interests of the community KCOI serves. Utilizing this quantitative data and qualitative information to create a Community Health Needs Assessment for Kansas City Orthopaedic Institute was beneficial for the following reasons;

1. Provides a basis upon which KCOI leadership can make decisions about how they can contribute to improving the health of the community.
2. Creates a common understanding of the community’s priorities as it relates to health needs.
3. Recognizing the hard work of strong partnerships already formed in the community enhances relationships and mutual understanding among stakeholders and creates opportunities for collaboration.
4. Provides an opportunity for KCOI to support current efforts already underway to improve the health of the community.

Key health needs for the community served by KCOI were identified and prioritized as follows;

- 1. Nutrition and physical activity**
- 2. Access to care for low income individuals**
- 3. Mental health/substance abuse**

Obesity is currently a known national priority. There was a general consensus among the sources, in particular the Johnson County Health Coalition that lack of access to healthy food and physical activity are areas of concern relating to community health. These issues directly relate to obesity which, in turn, contributes to many other community health concerns including heart disease and diabetes.

Local agency representatives also expressed a concern for providing access to care for low income individuals. Specifically, it was stated that there are currently 95,000 low income individuals in Johnson County, which is the primary service area for KCOI. Many of these low income individuals have significant health needs. Safety net clinics attempting to meet the needs of low income individuals lack the needed capacity due to the number of uninsured individuals. KCOI identified this issue as a primary concern to address in order to serve the needs of the community as a whole.

Mental health and substance abuse data for the primary service area indicate significant community needs. Excessive drinking rates for all counties in the primary service area are twice as high compared to the national benchmark. Additionally, mental health providers are scarce in the primary service areas. Furthermore, substance abuse and mental health are two health indicators that correlate as well as contribute to other health needs and concerns.

As a partner of the Saint Luke's Health System, The Kansas City Orthopaedic Institute will work in collaboration with other affiliates of the System through an array of System initiatives that address many of the community needs identified in this Community Health Needs Assessment.

An implementation plan to address the needs of these three key issues will follow this community health needs assessment with the goal of improving the overall health and well being of the community.
