

SUMMARY OF  
IMPLEMENTATION STRATEGIES  
2017-2019



ATRIUM MEDICAL CENTER

# Atrium Medical Center: Committed to Improving Community Health

Atrium Medical Center (AMC) is part of Premier Health, the largest private, nonprofit, comprehensive health care system in Southwest Ohio. AMC is committed to improving the health of the communities it serves with high quality, cost-competitive health services.

AMC serves Southwest Ohio from its Middletown campus. It is Warren County's only Level III Trauma Center and Primary Stroke Center. It is also the only accredited Chest Pain Center in Butler and Warren Counties. It offers maternity, cancer, orthopedics, and heart care, among other services. AMC is the region's only Level I Trauma Center. It has earned accreditation as a Comprehensive Stroke Center for the specialized care of complex strokes. The hospital has also achieved Magnet® Recognition for excellence in patient care.

## Priorities Addressed

The Community Benefits subcommittee of Premier Health designed and executed the prioritization process that included a review and comparison of the following:

- 2016 Collaborative Community Health Needs Assessment (CHNA) for Greater Dayton
- Local county health departments' most recent Community Health Assessments (including Butler and Warren Counties)
- Health Policy Institute of Ohio's Health Value Dashboard (state health comparison)

The Implementation Strategies address the collaborative CHNA conducted in 2016 on behalf of all the hospitals in the region by the Greater Dayton Area Hospital Association.

The top three priority areas identified were:

- Birth outcomes
- Behavioral health/Substance abuse
- Chronic diseases

## Recap of Implementation Strategies

### *CenteringPregnancy*

Health issue: Birth outcomes

Intervention's goal: To improve the health and well-being of women and infants with the CenteringPregnancy program of group prenatal care. Features include more one-on-one time to identify the needs of mothers and babies, screenings (e.g., hunger, drug addiction, depression), referrals, encouragement for breastfeeding, transportation, and childcare.

Background: In 2015, Butler County had an overall infant mortality rate of 7.2 deaths per 1,000 births. The Healthy People 2020 target rate is 6.0 deaths per 1,000 births. CenteringPregnancy is a best practice that improves birth outcomes. Heroin is a continuing problem in both Warren and Butler Counties, per the most recent assessment, with heroin poisoning overdose deaths at a rate of 6.5 and 19.3 per 100,000 deaths respectively. The CenteringPregnancy program provides an opportunity to identify all the needs of mothers and their babies during 10+ prenatal visits. The Ohio

Department of Health gave its 5-star award to Atrium Medical Center for its breastfeeding program. The hospital received grant funding to start the program. 2017 was a planning year.

Status: There were 223 total centering visits for 32 women; the average number was 7 centering visits per woman. 100% of babies were born with healthy birth weight (5.5 lbs. or more). 100% were full-term deliveries. 53% of women who delivered were breastfeeding at discharge. 1 woman used Transportation and 6 women, or 19%, used the childcare option. There were 14 participants in 2018 and 15 in 2019.

Partners: Families First, Pregnancy Center, Parent Resource Center, Butler County Regional Transit Authority, YMCA, City of Middletown and its Heroin Summit, Opioid Reduction Task Forces in Warren and Clinton Counties, Mental Health Recovery Services of Warren & Clinton Counties

### *Food for Health*

Health issue: Birth outcomes and Chronic diseases – Food insecurity/Food deserts

Intervention's goals: To increase the amount of healthy food for people with health-related nutritional needs. The short-term objective was to start screening for hunger with a focus on vulnerable populations of pregnant women and the elderly. The hospital is also supporting the One Market One Bistro to construct a novel solution to hunger.

Background: With one location in Miamisburg, One Market One Bistro offers two ways for a low-income person to enjoy a free meal at its next location in Middletown. Patrons who can afford a gift can 'pay it forward' and cover the cost of a meal or meals for the customers coming after them. Or a non-paying customer will have the option, offered discreetly, to work for an hour in the restaurant in exchange for the free meal. The site has been selected and permits obtained. Future services might include a food pharmacy, nutrition counseling, cooking classes, and connection to community resources.

When Ohio expanded Medicaid, it streamlined the application to ensure a timely process. Most of the people screened for hunger also were identified as eligible for Medicaid coverage. An unintended consequence of the Medicaid expansion was that checking the box to apply for SNAP benefits delayed the application by many months.

Status: One Market One Bistro in Miamisburg closed in summer of 2018. Most people were screened for hunger – with a goal of reaching 100% screening. People who were eligible for SNAP benefits were referred to local food pantries or food banks who could assist them, including emergency food plus facilitating an application separate from the Ohio Medicaid application process.

AMC also supported senior programming at the Warren County Community Center. It supported the Meals on Wheels at the Warren County Community Center in 2018 and 2019. They serve 1,000 clients annually with 300,000 meals. AMC provided \$50,000 to Warren County Community Services between 2017-19.

In 2017-2018, 24,000 lunches were served family-style to seniors. 1,000 commodities boxes, with basic food supplies, were delivered to seniors in Warren County.

650 senior clients received transportation. 2,000 seniors benefited from programs at the Senior Center.

Partners: Warren County Community Center, SNAP, WIC

### *Opioid Disease Education*

Health issue: Behavioral health/Substance abuse

Intervention's goal: To provide education that addiction is a disease, in order to change perceptions of hospital personnel and medical professionals. The objectives are to provide CEUs for education on this topic, with curriculum delivered by ADAMHS. The hospital may consider extending it for the benefit of community members or organizations. Once all staff receive the education, the next step may be hospital training on trauma-informed care.

Background: In 2015 the Washington Post called nearby Dayton the epicenter of the heroin problem. The closest city to the hospital, Middletown, is the setting for a book and movie, *Hillbilly Elegy*, about the heroin epidemic. The rate of unintentional prescription drug overdose deaths has also risen. Front-line health workers are overwhelmed by the number of overdoses, and they can become judgmental when they do not understand the nature of opioid addiction. Such attitudes can impair successful referral to treatment.

Status: 52 people, or 100%, in the call center were trained in Trauma-Informed Care.

Perinatal Consortium for Educational Opportunities classes titled "It's Complicated", "Care of Moms and Babies in the Hospital" and "Care of Moms and Babies: Sending Families Home" both discuss NAS scoring and care of the NAS baby.

In addition, the hospital provided a collection point in the front lobby for the collection of unused prescription medications. More than 362 pounds were collected since the receptacle was installed in 2018.

Partners: City of Middletown and its Heroin Summit, Opioid Reduction Task Forces in Warren and Clinton Counties, Mental Health Recovery Services of Warren & Clinton Counties

### *Senior Emergency Department (ED)*

Health issue: Behavioral health and Chronic diseases

Intervention's goal: To provide quality care in an emergency setting for geriatric patients. Eight beds are under construction, and the unit began operation in 2017. Metrics are being finalized and screenings determined. Under consideration are screening for: depression, caregiver strain, cognitive ability, hunger, and anxiety. Services will include case management, social services, and referrals to community resources.

Background: Each month an average of 630 elderly patients visit the hospital's Emergency Department.

Status: From April 2017 to November 1, 2019, there have been 11,081 patients. 59% have been screened for Abuse, Neglect, Acute Delirium, Dementia, Capabilities of completing their Activities of Daily Living (ADL's), Caregiver Strain; 33% in 2017; 67% in 2019; and 74% in 2019. 25%, or 418, of patients since July

1, 2019 have received case management and/or referral to community resources. 54% have followed-up on a referral to a doctor in EPIC.

Warren County Elderly Services Program has enrolled 1,796 people, as of November 1, 2019. Here are the services they've provided:

- Electronic monitoring systems: 1,129 seniors served
- Home care assistance: 956
- Home-delivered meals: 846
- Medical transportation: 621
- Consumer-directed care (hired own home care worker): 54
- Assistance to maintain independent living: 38
- Adult day service: 26

Partners: Warren County Elderly Services Program, Bickford, Mt. Pleasant, Arlington Point, Otterbein Middletown, Otterbein Lebanon, in the community provided input during the planning and development phases of this strategy.

Additional Chronic Disease and Healthy Behaviors Strategies: Premier Health staff conducted education within several school districts during 2019 to address the rising use of e-cigarettes. Premier Health staff conducted more than 60 educational workshops at Springboro, Monroe, Miamisburg, and Centerville schools. The workshops touched more than 3000 middle and high school students, 50 parents, and 250 staff. Premier Health staff donated 100 hours in-kind for the education provided to the school districts. The educational offering was aligned with CDC's Tobacco Free Campaign.

Additional Substance Abuse Strategies: Premier Health employees volunteered their time (about 5 employees volunteered 3 hours) to assemble 500 Medication Disposal Kits. The kits consisted of Carbon Activated Medication Disposable Pouches, HelpMeNow App and Substance Abuse Educational Materials, Medication Drop-off Locations, and Postage Paid Survey/Thank You Postcards. The 500 kits were distributed at various community events including Hispanic Heritage Festival, African American Wellness Walk, Barbershop Health Initiative in Trotwood and Dayton, Lewisburg Block Party events, Troy, as well as targeted areas covered by home health nurses. Education was provided on how to use the bags and where medication drop receptacles were located. Some of the zip codes the kits were distributed amongst included: 45373, 45383, 45404, 45405, 45406, 45410, 45417, 45420, 45449, 45309, 45330 and 45338. Partners included Public Health Dayton & Montgomery County, Premier Community Health, Breast Cancer and Cervical Project, and Fidelity Health Care.

## Board Approval

Premier Health's Board of Directors approved the CHNA, including the recap of the 2017-2019 Implementation Strategies, on April 28, 2020.