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Leading Healthcare

# Antimicrobial Stewardship

Michigan Health & Hospital Association – Keystone Center

September 18, 2019

# Hospital Improvement Innovation Network (HIIN)

- **CMS Funded Contract**
- **Launched September 28, 2016**
  - 2 year contract with optional third year based on performance
  - Recruited 314 hospitals across MI, IL, WI
  - Will conclude March 2020



**GREAT LAKES**  
PARTNERS FOR PATIENTS

Illinois | Michigan | Wisconsin  
Powered by the MHA Keystone Center

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*Accelerating Improvement at the Point of Care*

# Webinar Series

- **July 2019 – Saint Anthony Hospital, Chicago, IL**
  - Core Elements of Antimicrobial Stewardship
  - Education, Treatment Guidelines, Prospective Audit & Feedback
  
- **August 2019 – Spectrum Health, Grand Rapids, MI**
  - Operationalizing a robust and effective AMS team
  - Pharmacist's role

# Antimicrobial Stewardship Certificate Program

- Society of Infectious Disease Pharmacists
  - Antimicrobial Stewardship Certificate for Pharmacists
- 3 part program – self study, webinars, project
- MHA Offering 10 scholarships for hospital pharmacists

# CDI Playbook

- Launched by our GLPP HIIN Partners in Illinois
  - HSHS St. John's Hospital
- Review CDI order for appropriateness
- Roll out of CDI Bundle for bedside nurses
- Reject duplicative specimens within 30-days of a positive CDI test

The cover of the report features a blue header with the title 'IHA INNOVATION CHALLENGE: IMPLEMENTATION PLAYBOOK'. Below the title is the subtitle 'The New Road to *C. difficile* Reduction'. The main content area includes a red-bordered box with '78%' and 'Reduction in HAIs', '\$600k' and 'Annual Savings', 'Simplistic Approach', '15 Hospital implementations', and 'Easily Adaptable'. The IHA logo is at the bottom left, and the HSHS St. John's Hospital logo is at the bottom right. A photograph of the hospital building is on the right side.

**IHA INNOVATION CHALLENGE: IMPLEMENTATION PLAYBOOK**

The New Road to *C. difficile* Reduction

**78%** Reduction in HAIs

**\$600k** Annual Savings

**Simplistic** Approach

**15** Hospital implementations

**Easily** Adaptable

**IHA**  
Illinois Health and Hospital Association

**HSHS St. John's Hospital**

# Other Items

- Implementation of CDC Core Elements of Antibiotic Stewardship
- TAP Report
- Testing Stewardship
- GAP Analysis
- Hospital Calls – 1-on-1 coaching

Antibiotic Stewardship Targeted Assessment for Prevention (TAP) Tool	
Overall MI Response	
2017	
A. General Infrastructure – Leadership Support & Accountability	88%
B. General Infrastructure – Supporting System	48%
C. Policy/Procedure/Protocol	46%
D. Education	68%
E. Tracking, Monitoring Antibiotic Use, and Process Measures	53%
F. Reporting Information to Staff on Improving Antibiotic Use and Resistance – Antibiotic Use and Outcome Measure	58%
G. Antibiotic Stewardship – Pharmacy-Driven Interventions	73%
H. Antibiotic Stewardship – Diagnosis and Infection Specific Interventions	40%

The goal is to rank at 70% or higher in three areas by the end of 2017.  
The lower the percentage, the more likely your facility will benefit from improvement efforts.



**MHA**  
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