

Launch of Antibiotic  
Stewardship in Acute Care: A  
Practical Playbook



NATIONAL  
QUALITY FORUM

*National Quality Partners*

*May 25, 2016*

Welcome & Introductions



Helen Darling, MA  
*Interim President and CEO  
National Quality Forum*

## Agenda and Speakers

- Antibiotic Stewardship: A National Priority
  - Arjun Srinivasan, MD (CAPT, USPHS), Centers for Disease Control and Prevention (CDC)
- Antibiotic Stewardship: A Practical Guide
  - Ed Septimus, MD, HCA
- Making Antibiotic Stewardship Programs Successful and Sustainable
  - Christian John Lillis, Peggy Lillis Foundation
  - Kristi Kuper, PharmD, Vizient, Inc.
  - Margaret Van Amringe, MHS, The Joint Commission
- Participant Q&A
- Next Steps

Join the conversation on Twitter using [#abxstewardship](#) [#playbook](#)

## Antibiotic Stewardship Action Team

### Participants

- |   |  |  |
|---|--|--|
| ■ Centers for Disease Control and Prevention        | ■ Centers for Medicare & Medicaid Services   | ■ Merck & Co., Inc.                                  |
| ■ Hospital Corporation of America†                  | ■ Children's Hospital Association            | ■ National Committee for Quality Assurance           |
| ■ ABIM Foundation                                   | ■ Consumer Reports                           | ■ North Shore-LIJ Health System                      |
| ■ American Hospital Association                     | ■ Council of Medical Specialty Societies     | ■ Peggy Lillis Foundation                            |
| ■ American Medical Directors Association            | ■ Duke University Health System              | ■ The Pew Charitable Trusts                          |
| ■ Advanced Medical Technology Association           | ■ The Infectious Diseases Society of America | ■ Premier  |
| ■ Agency for Healthcare Research & Quality          | ■ Institute for Healthcare Improvement       | ■ Providence Health & Services                       |
| ■ American Academy of Allergy Asthma and Immunology | ■ Intermountain Healthcare                   | ■ The Society for Healthcare Epidemiology of America |
| ■ American Academy of Emergency Medicine            | ■ Johns Hopkins Medicine                     | ■ Society of Hospital Medicine                       |
| ■ American Association of Nurse Practitioners       | ■ Johns Hopkins Hospital and Health System   | ■ Society of Infectious Diseases Pharmacists         |
| ■ American Health Care Association                  | ■ The Joint Commission                       | ■ Southwest Health System                            |
| ■ American Society of Health-System Pharmacists     | ■ LAC+USC Medical Center                     | ■ Tufts Medical Center                               |
| ■ Anthem  | ■ The Leapfrog Group                         | ■ University of Houston                              |
|   | ■ Massachusetts General Hospital             | ■ University of Oklahoma                             |
|   | ■ Institute of Health Professions            | ■ Virginia Commonwealth University                   |
|   |  | ■ Vizient, Inc.                                      |

## Playbook

- Over the past year, NQP has worked to bring together over 40 public- and private-sector leaders and subject matter experts to develop a common agenda and identify and implement strategies to improve antibiotic practices among providers, healthcare organizations, and local communities.
- The *Playbook* makes recommendations for organizations including hospitals, accreditation bodies, and patient and consumer groups to enhance their stewardship activities to prepare for these changes.
- The *Playbook* attempts to lay out the implementation examples as a broad range of what is possible and achievable while recognizing that what will be effective depends heavily on local circumstances.
- While measures related to AS are improving, success depends on local execution taking into account local culture and the need for behavior change
- The Action team has provided guidance to influence provider practices and drive change more quickly in a way that is meaningful and sustainable

## Playbook Continued

- Based on these *Core Elements*, this *Playbook* provides concrete strategies and suggestions for organizations committed to implementing successful ASPs in acute care hospitals. This *Playbook* has incorporated examples of successful implementation, more specifics concerning the core elements, barriers and solutions for implementation, potential measurement approaches, and future directions. In each section hyperlinks to resources are provided to support local efforts
- The document is **not** a list of “must do’s” to be completed. Instead, the *Playbook* attempts to lay out a variety of options from which to choose depending on local context, resources, and needs. We hope this document will enable success at the local level

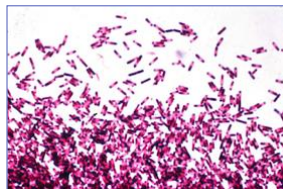


# Peggy Lillis Foundation

Fighting *C. diff* through Education and Advocacy

## Antibiotic Stewardship in Acute Care: The Patient Advocacy Perspective

National Quality Forum  
May 25, 2016



## Peggy's Story

- ✓ 56-year-old kindergarten teacher
- ✓ Single Mother of 2
- ✓ Community-acquired *C. diff*
- ✓ Dentist prescribed clindamycin
- ✓ Died from sepsis 6 days after onset of symptoms



Peggy Lillis  
Foundation  
*C. diff* Education and Advocacy

## Antibiotic Stewardship Is Critical

- ✓ *C. diff* Infections
  - 29,000+ CDI deaths each year
  - 500,000+ CDI cases
- ✓ Adverse Antibiotic Events
  - MRSA
  - Quinolone toxicity
- ✓ Growing Resistance
  - ✓ Hard to “See” Resistance
  - ✓ Changing Behavior is Necessary
  - ✓ We’re Reaching a Tipping Point



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## PLF's Work

- ✓ Awareness Raising & Education
  - C. diff Stories
  - PSA, Website and Social Media
  - Hospitals, QIOs, Agencies
- ✓ Advocate Training
  - Amplifying Our Work Locally
  - HAI Committees, Hospitals, Media
- ✓ Policy Advocacy
  - Increased Funding for ARO
  - Increased Surveillance/Reporting

It is scary to think about the amount of antibiotic that have been put into my system in the last three months... This has been a nightmare, but I truly believe I can beat this devil!



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## Using The Playbook

- ✓ Increasing HCW/Patient Advocate Interaction
- ✓ Increasing Patient Advocate knowledge and understanding
- ✓ Collaborating on Implementing ASPs
- ✓ Educating Patients & Caregivers
- ✓ Peer-to-Peer Knowledge Sharing



## Making Antibiotic Stewardship Programs Successful and Sustainable

Kristi Kuper PharmD, BCPS

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## What We Are Doing to Help Support Antimicrobial Stewardship

### About

Vizient is a combination of VHA, University HealthSystem Consortium, Novation, and MedAssets Spend and Clinical Resource Management and Sg2

### Mission

To connect members with the knowledge, solutions and expertise that accelerate performance

### Ongoing Activities

- Antibiotic Stewardship Collaborative
- Academic Medical Center ASP listserv and taskforce
- NQP Antimicrobial Stewardship Playbook Sponsor
- Regular educational programs on ASP
- Hospital Engagement Network
- Individual member support



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## Value of the Playbook for Vizient

- **Impressive list of national experts with diverse healthcare backgrounds and leading organizations will help us to gain internal and external support**
- **In addition to distributing the document to 5,200+ health system members and affiliates, we will actively integrate it into our work that is being done through our Antimicrobial Stewardship Collaborative and with individual hospitals/health systems that are starting or enhancing their ASP program.**

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## Pharmacist's Perspective

- **Almost every antimicrobial stewardship program in the country includes a pharmacist**
- In a recent survey of 207 hospitals, 95% indicated that there was a pharmacist leader responsible for outcomes
- **The playbook recognizes the contribution of pharmacists with expertise in antibiotic use as part of the stewardship team**
- **“One click” access to resources saves time and provides access to an extensive number of resources that span multiple practice areas**

<sup>15</sup> Source: Vizient data on file, April 2016

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## The Joint Commission

Launch of Antibiotic Stewardship in Acute Care: A  
Practical Playbook

National Quality Partners - May 23, 2016



## Joint Commission Interest in Stewardship

- ▶ Concerned about Antibiotic Overuse & Resistance
- ▶ Elevated national attention: sobering statistics on inappropriate antibiotic use at same time more threats from bacteria with limited effective treatments
- ▶ Decided to create a Standard for Hospitals, CAHs and NCC that Directly Focused on AS Stewardship:
  - Not just for antibiotic stewardship, but for stewardship on all antimicrobials (e.g., bacteria, fungi, molds)

## Antimicrobial Stewardship Standard for Hospitals and CAHs

- ▶ Standards Discussed with Many Stakeholders before Development
- ▶ Wanted to be in line with both CMS and CDC thinking
- ▶ Standards Field Review – Positive Reception
- ▶ Standard to be published in July 2016
  - Effective January 2017 or first quarter

## Stewardship Standard Overview

- ▀ Leaders establish AS as a priority
- ▀ Education of staff and LIPs
- ▀ Education of patients and families
- ▀ Formation of Multidisciplinary AS team
- ▀ Program uses the CDC Core Elements
- ▀ Program Uses Approved Protocols
- ▀ There is collection and analyses of data
- ▀ Improvements are made based on analyzed data

## NQP Playbook & the Stewardship Standard

- ▀ Pleased that the NQP decided to do this Playbook
  - The Joint Commission was happy to participate in its development because it helps us and hospitals
  - The NQP Playbook and The Joint Commission have the shared goal of improving optimal use of antimicrobials with practical approaches
- ▀ The Playbook can help make stewardship programs effective and sustainable: good, clear examples of what is part of an effective AS program

## The Playbook helps The Joint Commission implement the new stewardship standard:

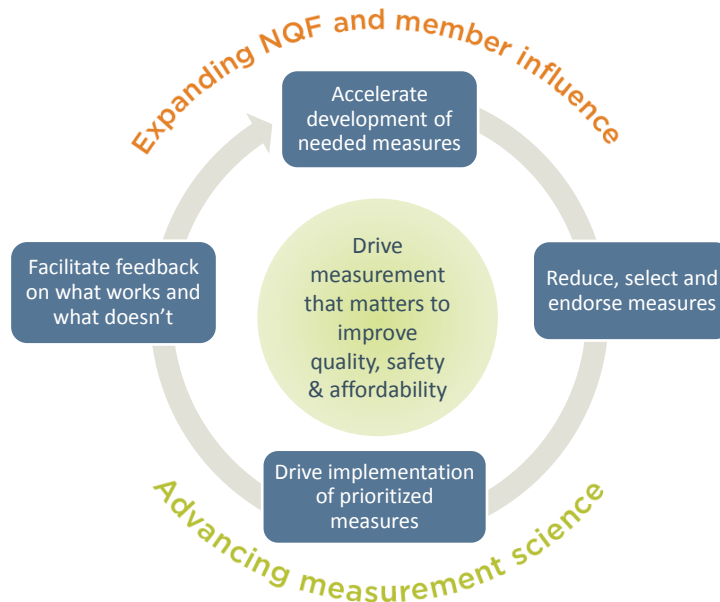
- Playbook is a compilation of strategies/best practices for antimicrobial stewardship programs that can assist hospitals as they develop their own programs to meet the Joint Commission requirements
- Playbook can help us because we must:
  - evaluate stewardship programs against clear practices
  - guide/train surveyors in assessing whether those practices meet compliance with the new standard
  - be scalable to hospital size, resource use, and services

Moderators: Ed Septimus and Arjun Srinivasan



**Please type your question into the chat box anytime**

## NQF: Lead. Prioritize. Collaborate.



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## Feedback

**For more information or to provide feedback on your experience using the Playbook in your organization, please contact National Quality Partners at:**

**[nationalqualitypartners@qualityforum.org](mailto:nationalqualitypartners@qualityforum.org)**

## Thanks to Our Supporters

### **ANTIBIOTIC STEWARDSHIP INITIATIVE**

Merck & Co.

Astellas Pharma US, Inc.

HCA

The Infectious Diseases Society of America

The Society for Healthcare Epidemiology of America

Premier, Inc.

### **PLAYBOOK**

Vizient, Inc.