



CMS Antibiotic Stewardship Initiative

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I do not have relevant financial relationships with commercial interests.

Objectives

1

Provide an overview of the CMS¹ Antibiotic Stewardship initiative

2

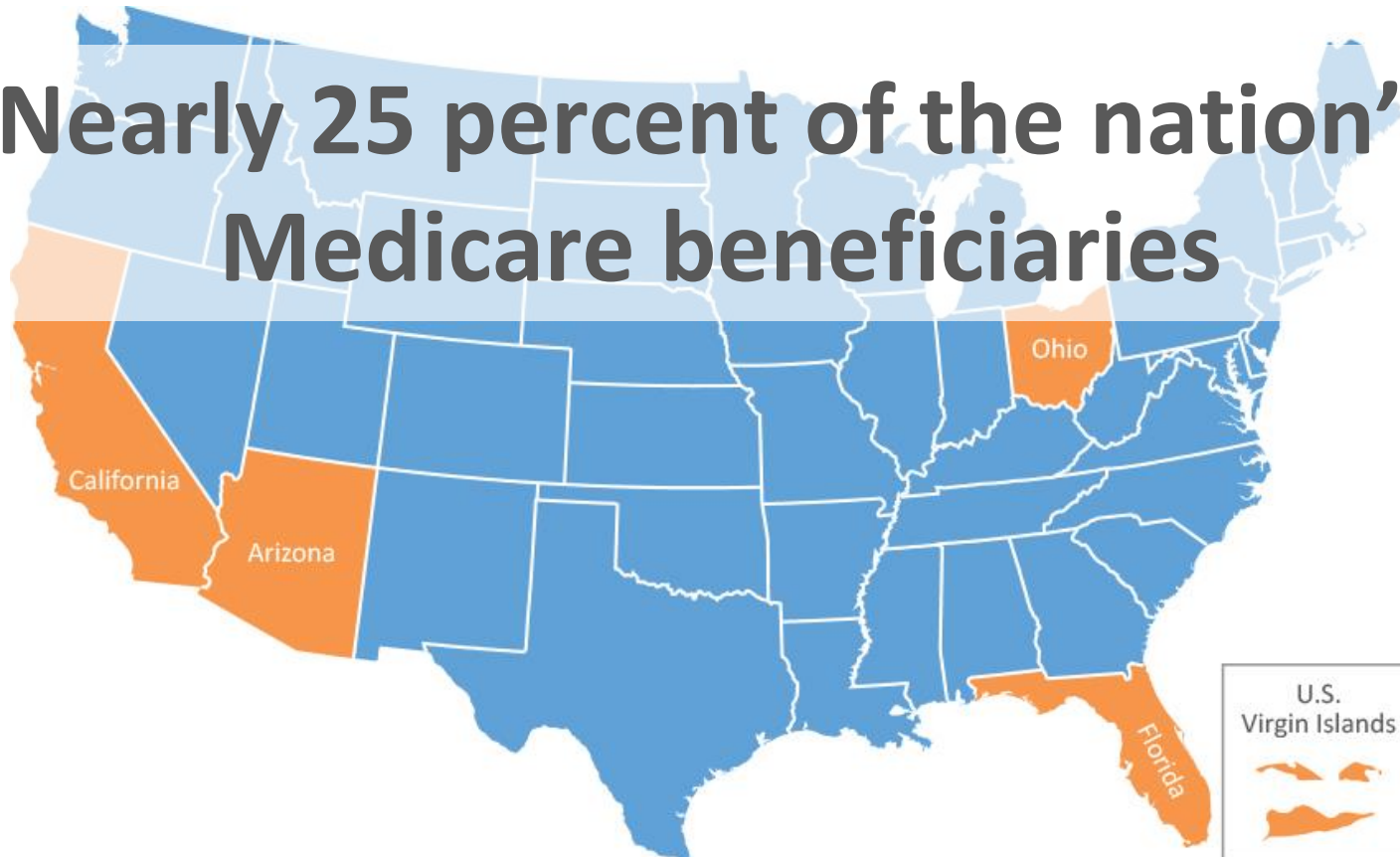
Identify the CDC² core elements of antibiotic stewardship program

3

Discuss the relationship between antibiotic stewardship and MACRA³

HSAG's QIN-QIO¹ Territory

Nearly 25 percent of the nation's Medicare beneficiaries



HSAG is the Medicare QIN-QIO for Arizona, California, Florida, Ohio, and the U.S. Virgin Islands.

CMS Quality Strategy: Concurrently Pursue Three Aims

Better Care

Improve overall quality by making healthcare more patient-centered, reliable, accessible, and safe.

Healthier People

Improve population health by supporting proven interventions to address behavioral, social, and environmental determinants of health, in addition to delivering higher-quality care.

Smarter Spending

Reduce the cost of quality healthcare for individuals, families, employers, and government.



CMS Antibiotic Stewardship Initiative

Antibiotic Stewardship

Antibiotic Stewardship means the effort to:

- Improve antibiotic prescribing by clinicians and use by patients so that antibiotics are only prescribed and used when needed.
- Minimize misdiagnoses or delayed diagnoses leading to underuse of antibiotics.
- Ensure that the right drug, dose, and duration are selected when an antibiotic is needed.¹

Why implement outpatient Antibiotic Stewardship?

- Approximately 60 percent of US antibiotic expenditures for humans is related to care received in the outpatient settings.²

1. MMWR, vol.65. No.6 , Nov.11,2016

2. Suda KJ, et al; A national evaluation of antibiotics expenditures by healthcare setting in the U.S. 2009. J.AmyimicrobChemother 2013;68:715-8.

Antibiotic Stewardship is a Balancing ACT



CMS Antibiotic Stewardship Initiative

A. Implement the CDC Core Elements of Outpatient Antibiotic Stewardship in outpatient settings.

- Outpatient settings include: physician practices, clinics, EDs, dialysis facilities, urgent care clinics, etc.
- Recruitment ends by May 2017.

B. Develop a multidisciplinary advisory team with expertise in the area of Antibiotic Stewardship.

- Examples of team members include practitioners with expertise in the area of antibiotic stewardship, clinical pharmacists, faculty leadership, and beneficiary representation.

CMS Antibiotic Stewardship Initiative (cont.)

C. Provide no cost education and technical assistance to spread antibiotic stewardship principles and build expertise.

- Educate recruited outpatient settings, including healthcare leadership and patients who receive antibiotic prescriptions, on the fundamentals of antibiotic stewardship and the risks of misuse/overuse of antibiotics in healthcare.
- Provide tools, resources, and examples of evidence-based best practices.
- Conduct virtual webinars for peer to peer learning.

Core Elements of Outpatient Antibiotic Stewardship



Commitment: Demonstrate dedication to and accountability for optimizing antibiotic prescribing and patient safety.



Action for policy and practice: Implement at least one policy or practice to improve antibiotic prescribing, assess whether it is working, and modify as needed.



Tracking and reporting: Monitor antibiotic prescribing practices and offer regular feedback to clinicians or have clinicians assess their own antibiotic use.



Education and expertise: Provide educational resources to clinicians and patients on antibiotic prescribing and ensure access to needed expertise on antibiotic prescribing.

CDC Core Elements

Implementation examples of each core element:



Commitment

- Identify a single leader.
- Write and display public commitments.



Action

- Use evidence-based diagnostic criteria and treatment recommendations.
- Provide support for clinical decisions.

CDC Core Elements (cont.)

Implementation examples of each core element:



Tracking and Reporting

- Track and report antibiotic prescribing for one or more high priority conditions.
- Track and share performance on quality measures and establish reduction goals.

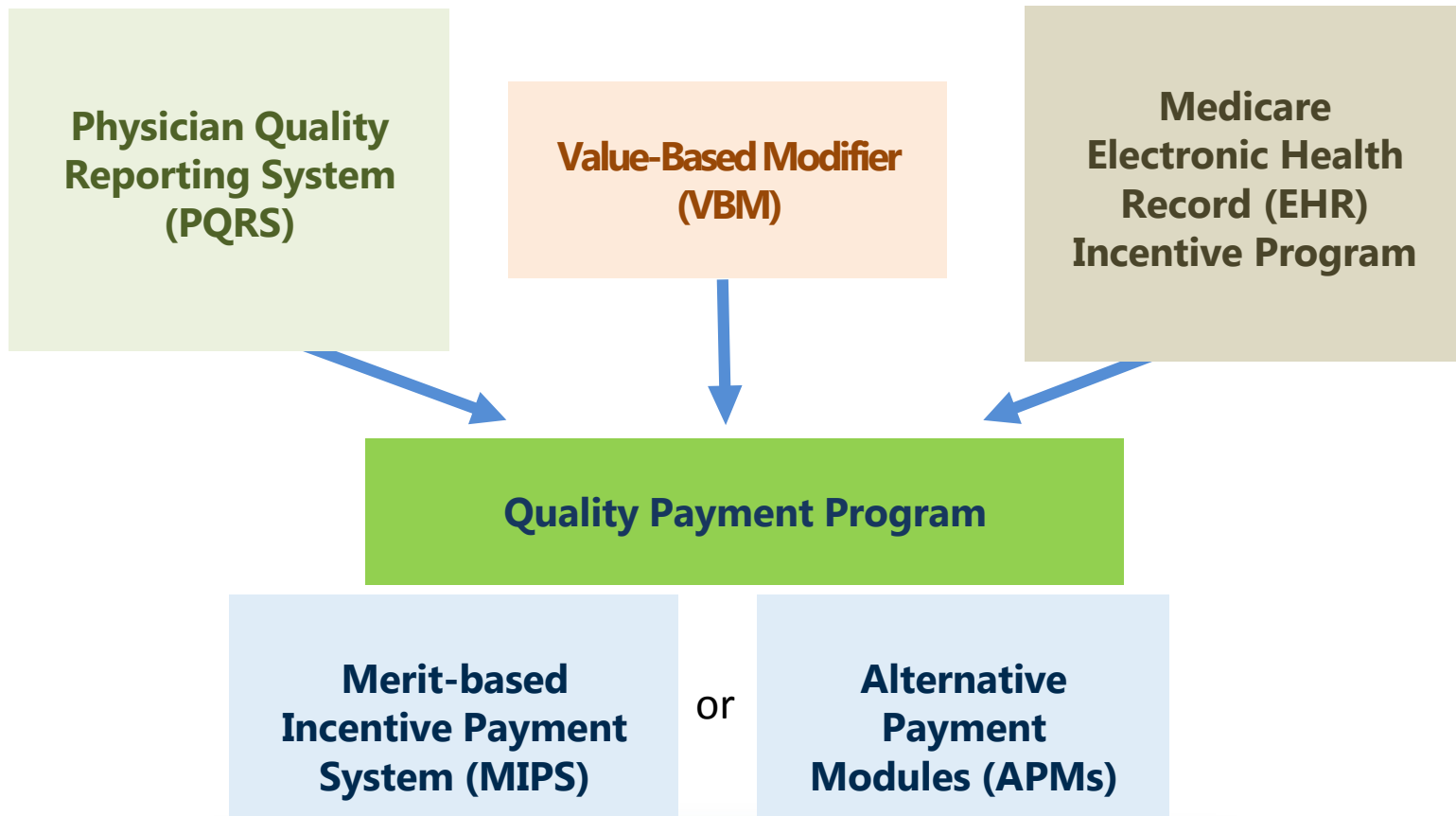


Education and Expertise

- Educate patients about potential harms of antibiotics.
- Provide continuing education activities for clinicians.

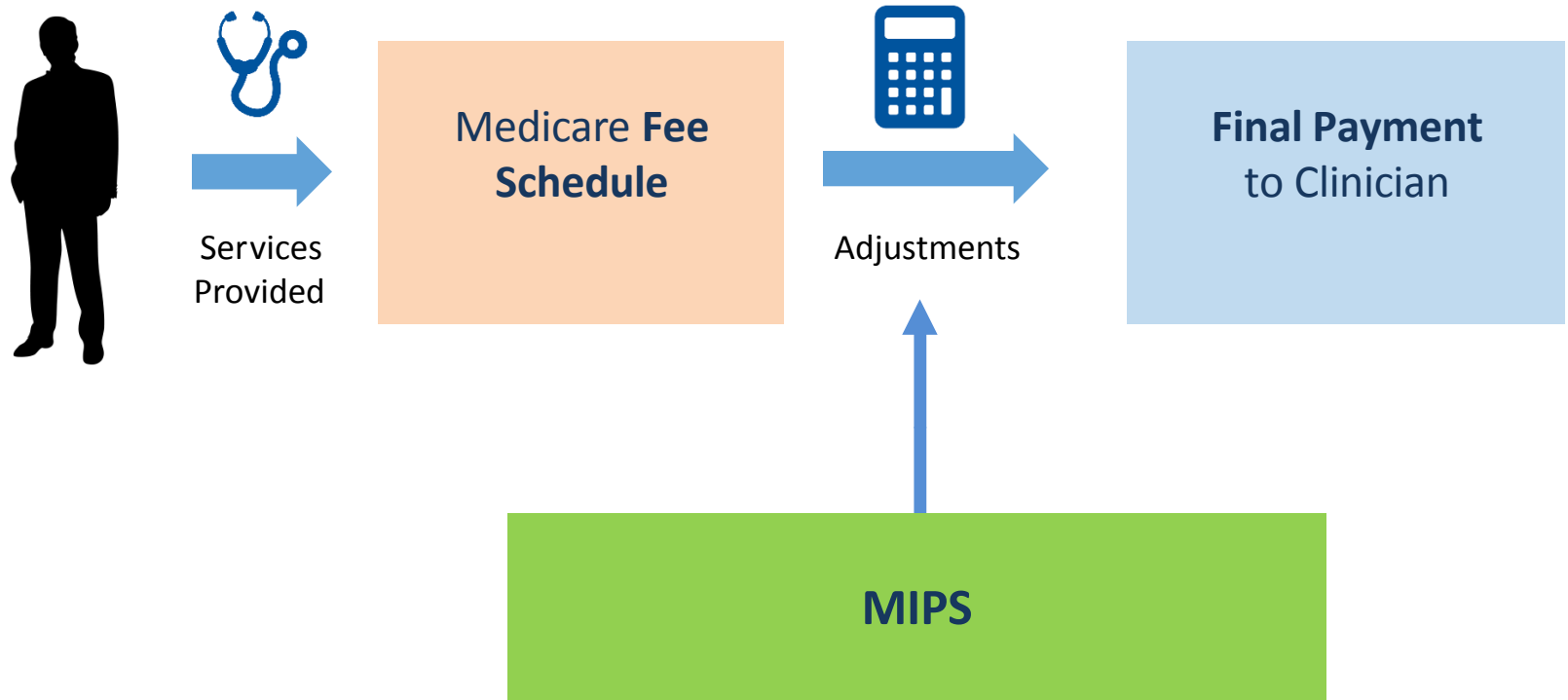
Medicare Reporting Under MACRA

MACRA streamlines these programs into the Quality Payment Program.



MACRA Changes How Medicare Pays Clinicians

The system after MACRA:

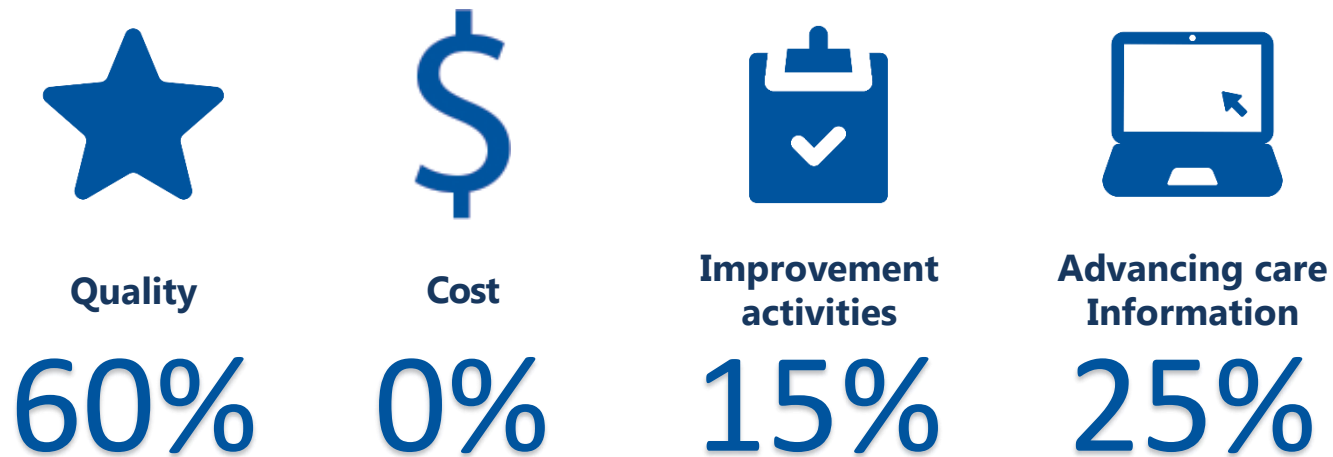


**or special lump sum bonuses through participation in eligible APMs*

How Are MIPS Performance Categories Weighted?

Weights assigned to each category is based on a 1 to 100 point scale

Transition Year Weights



Note: These are default weights; the weights can be adjusted in certain circumstances

MIPS Quality Measures Related to Appropriate Antibiotic Use

- Acute Otitis Externa (AOE): Systemic Antimicrobial Therapy— Avoidance of Inappropriate Use
- Adult Sinusitis: Antibiotic Prescribed for Acute Sinusitis (Overuse)
- Adult Sinusitis: Appropriate Choice of Antibiotic: Amoxicillin With or Without Clavulanate Prescribed for Patients with Acute Bacterial Sinusitis (Appropriate Use)
- Avoidance of Antibiotic Treatment in Adults With Acute Bronchitis
- Perioperative Care: Selection of Prophylactic Antibiotic—First *or* Second Generation Cephalosporin

HEDIS® Measures Related to Appropriate Antibiotics Use

- Appropriate testing for children with pharyngitis
- Appropriate treatment for children with upper respiratory infection
- Avoidance of antibiotic treatment in adults with acute bronchitis

MIPS Improvement Activity

Patient Safety and Practice Assessment Subcategory, medium weight (10 points)

- Implementation of an antibiotic stewardship program that measures the appropriate use of antibiotics for several different conditions (URI, bronchitis, pharyngitis) according to clinical guidelines for diagnostics and therapeutics.

How Can We Work Together?

- Refer outpatient providers and organizations eligible for recruitment to HSAG.
- Send your thoughts, advice, and/or recommendations regarding this initiative to HSAG.
- HSAG's main point of contact:
Matt Lincoln, milncoln@hsag.com





Thank you!

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