



Tomorrow's Doctors, Tomorrow's Cures

# AAMC Brief Survey of GME Environment, Content, and Outcomes

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# Survey Purpose

To obtain from institutional GME leaders a qualitative assessment of the experiences medical residents are provided to help them practice in a health care system that continually emphasizes high quality, high value care.

# Survey Process

In May 2009, the AAMC surveyed individuals in AAMC-member hospitals and medical schools who oversee all the residency programs in their respective institutions.

Respondents were members of the AAMC's Group on Resident Affairs, which includes Vice Presidents for Academic Affairs, Directors of Medical Education, and Associate Deans for GME.

# Survey Instrument

The survey asked 3 questions, with multiple subquestions, on GME:

- **Environment:** The presence of certain key elements in the clinical environment for GME
- **Content:** Residents' experience in selected content areas
- **Outcomes:** The respondent's opinion on how well the residency programs that their institution sponsors are preparing residents in the ACGME/ABMS general competencies

# Survey Responses

155 hospital or medical school GME leaders responded (responses for individual items vary from 143 to 153)

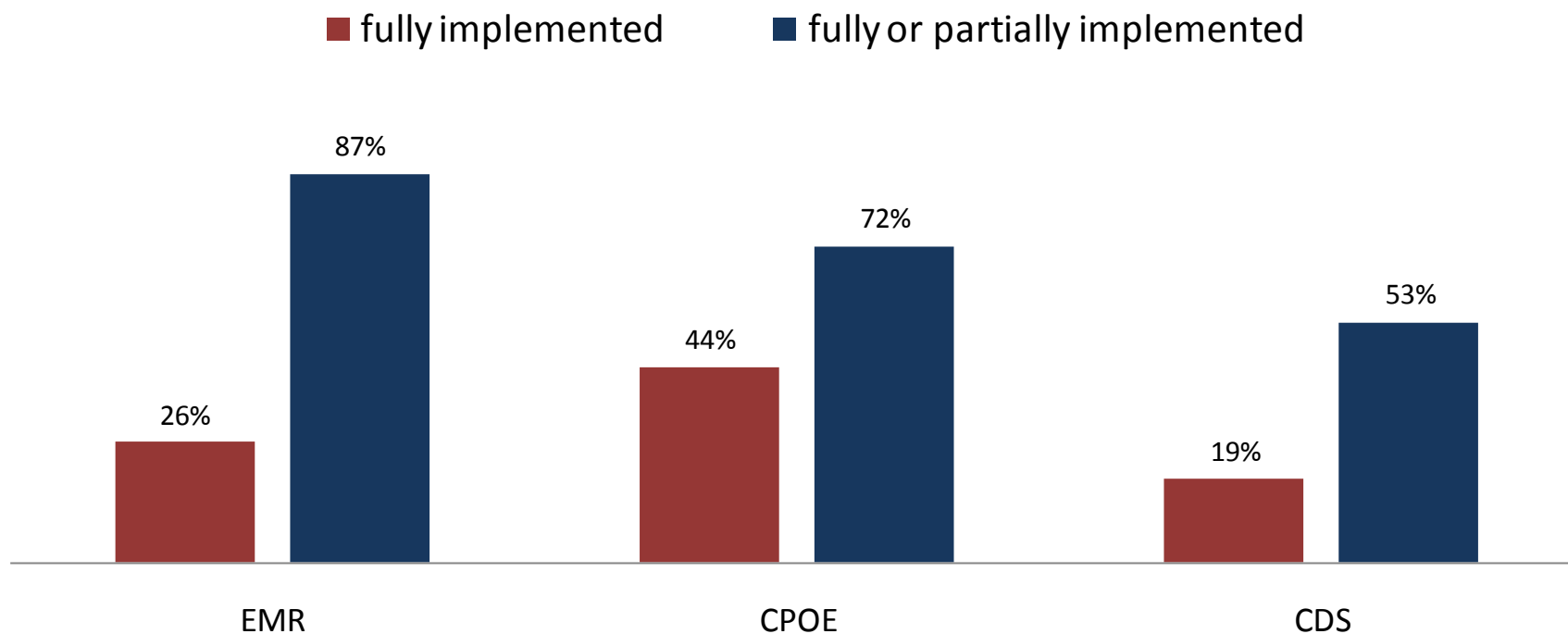
- All respondents are from institutional sponsors of ACGME - accredited residency programs
- Medical school respondents answered on behalf of the hospital where the residents spend most of their time

The 155 respondent institutions represent 40% of the 386 sponsors of multiple ACGME-accredited residency programs; 22% of all 696 sponsors

The 155 respondent institutions in the survey account for

- 6,125 ACGME-accredited residency programs (73% of all accredited programs)
- 75,137 residents (69% of all residents in accredited programs)

# Percent of Respondents That Have “Fully” or “Fully or Partially” Implemented Selected Health Information Technology (HIT) Tools



N=150-153

EMR: Electronic Medical Record

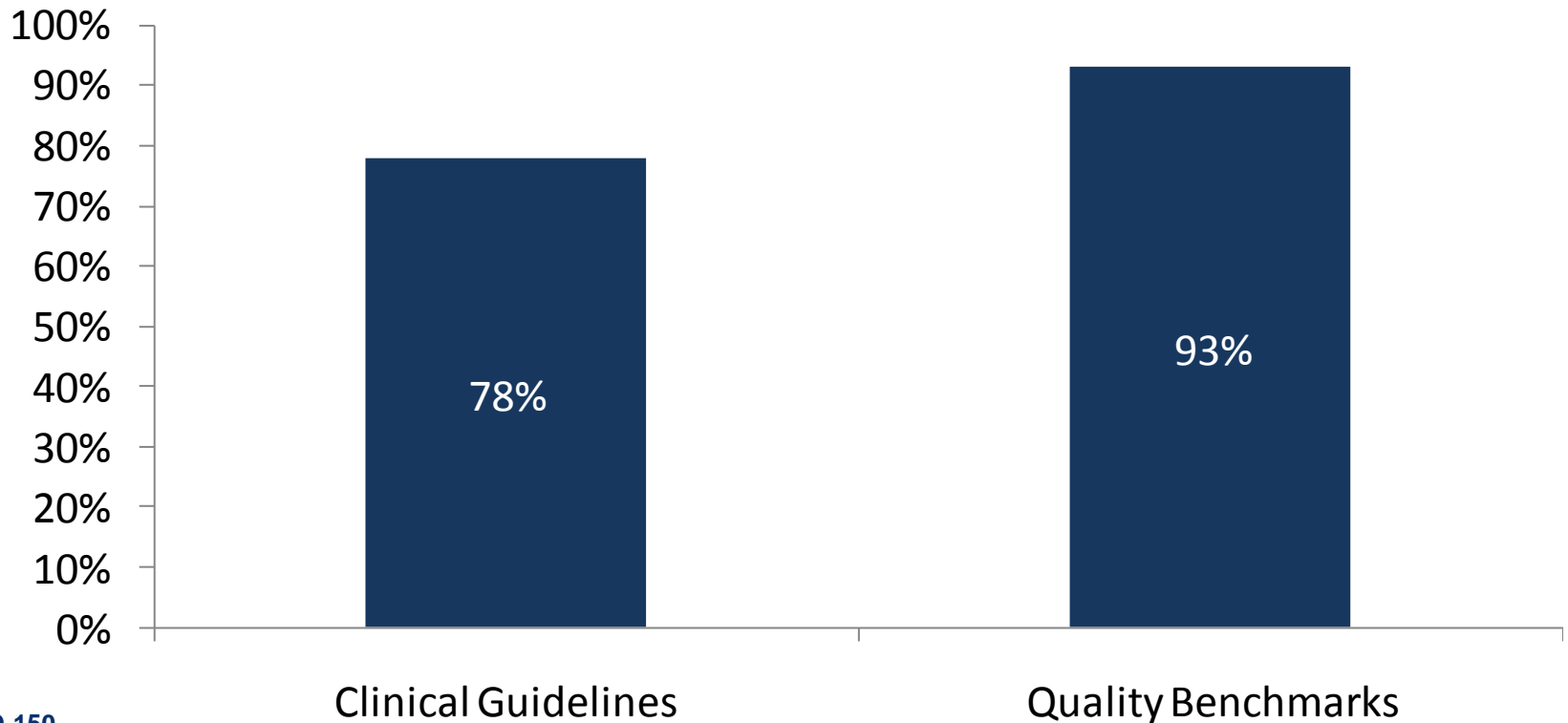
CPOE: Computerized Provider Order Entry

CDS: Clinical Decision Support

Note: Response options were: “fully implemented”, “partially implemented”, “in planning”, and “not at all “

Source: Brief survey of GME leaders in AAMC-member hospitals and medical schools, May 2009

# Percent of Respondents that Monitor Clinical Guidelines and Quality Benchmarks



N=149-150

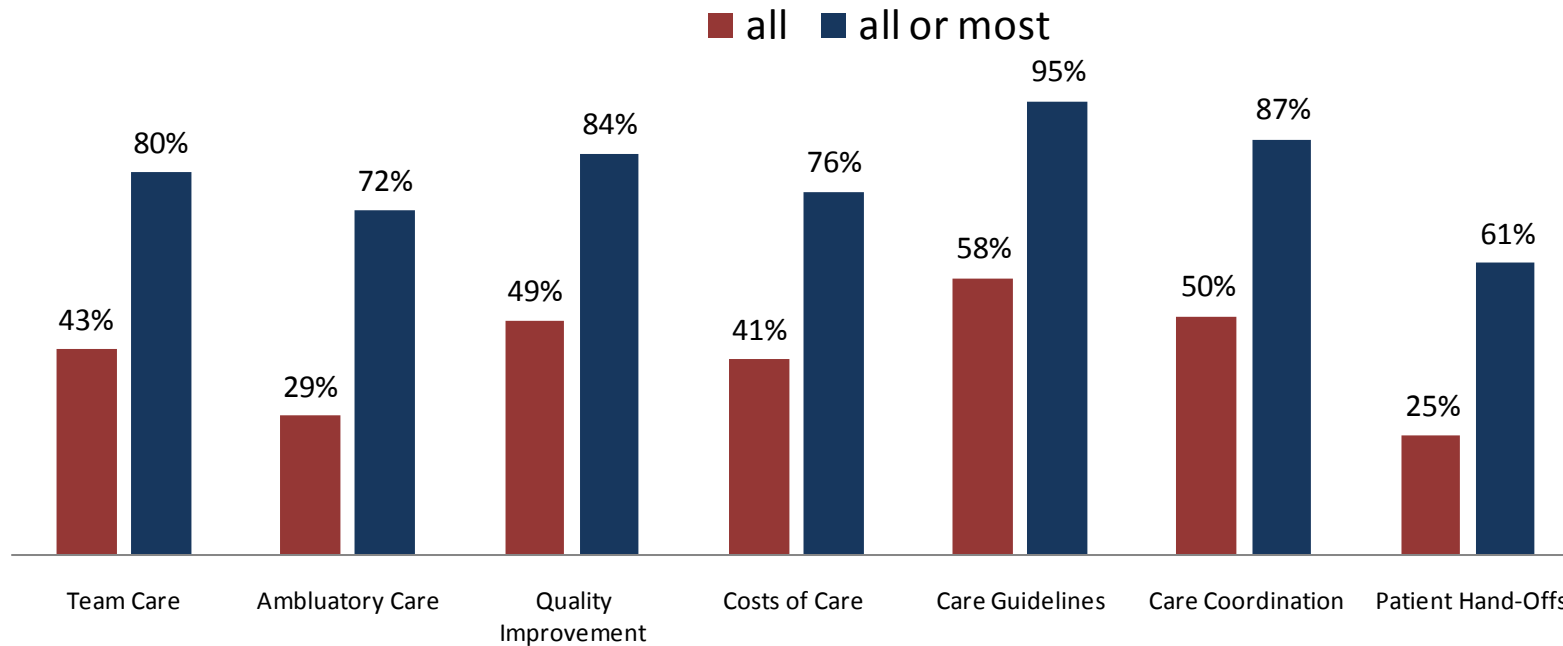
EMR: Electronic Medical Record  
CPOE: Computerized Provider Order Entry  
CDS: Clinical Decision Support

Note: Response options were: “yes” and “no”

Source: Brief survey of GME leaders in AAMC-member hospitals and medical schools, May 2009



# Percent of Respondents Where “ALL” or “ALL or MOST” GME Programs Provide Experience in:



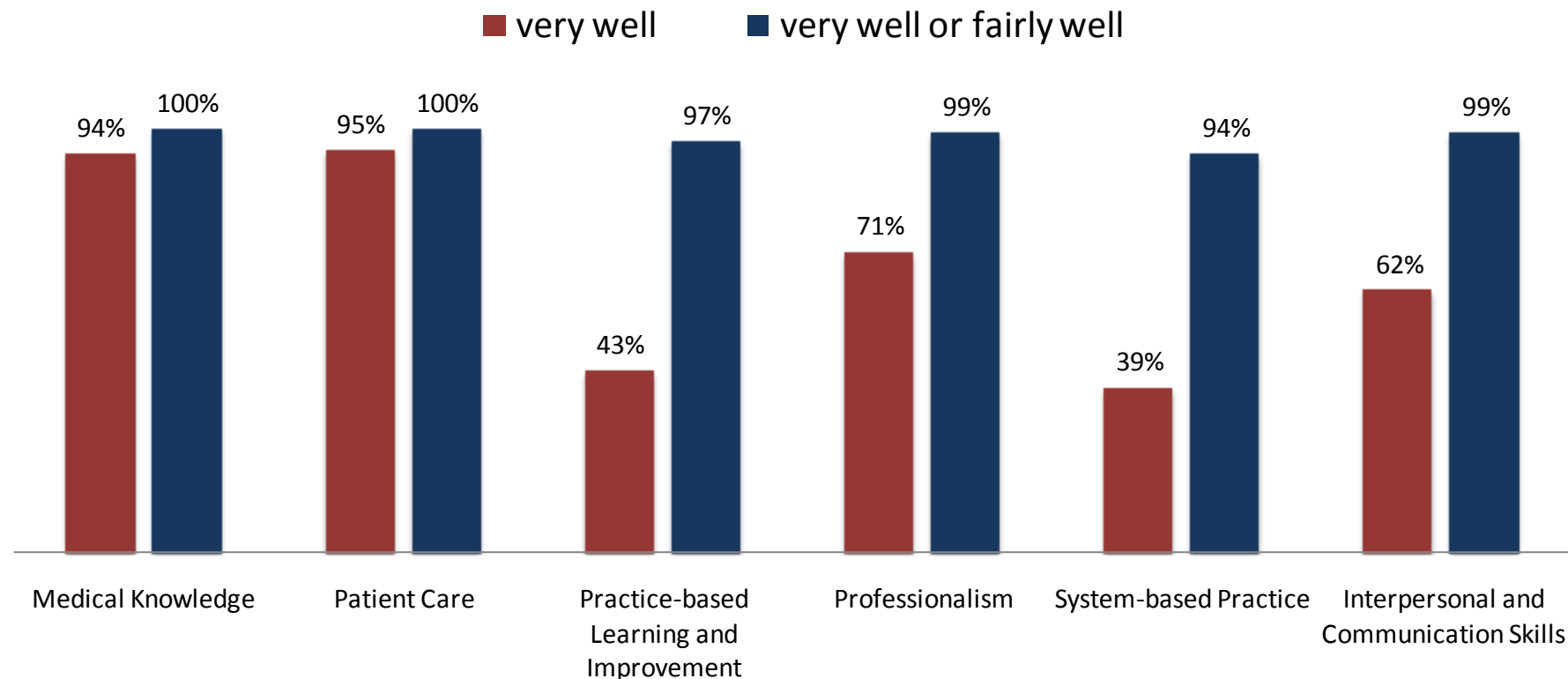
N=148-149

Note: Response options were: “all”, “most”, “some”, and “none”

Source: Brief survey of GME leaders in AAMC-member hospitals and medical schools, May 2009



# Percent of Respondents That Believe Their Programs are Preparing Residents “Very Well” or “Very Well or Fairly Well” in the Six ACGME/ABMS Competencies



N=143

ACGME: Accreditation Council for Graduate Medical Education

ABMS: American Board of Medical Specialties

Note: Response options were : “very well” , “fairly well” , and “not very well”

Source: Brief survey of GME leaders in AAMC-member hospitals and medical schools, May 2009



# Conclusions

## GME Environment

Monitoring of clinical guidelines and quality benchmarks is widespread.

Work is ongoing to fully implement EMR, CPOE, and clinical decision support systems.

## GME Content

Most programs are providing experiences in a variety of content areas.

Improvement is needed in patient hand-offs and ambulatory care training.

## GME Outcomes

Preparation in the medical knowledge and patient care competencies is strong.

Improvement is needed in practice-based learning and system-based practice.

# Select AAMC Activities

- The spring 2010 meeting of the AAMC Group on Resident Affairs meeting will showcase innovations in developing resident competence in team-based and value-driven care.
- AAMC members are working to strengthen competency in systems-based practice, with the more innovative members sharing their ideas and practices with other AAMC members using electronic and other means.
- The GRA is fostering improvement in patient handovers through a plenary session at the AAMC 2009 Annual Meeting and follow up teleconferences.
- The AAMC is collaborating with the ACGME on a number of initiatives to identify and share “best practices” in residency education.

# Select AAMC Activities, Cont.

- The AAMC Organizational Performance Improvement Initiative is identifying models for integrating quality across the continuum of medical education.
- The AAMC's Group on Educational Affairs, section on GME, has peer review sessions at the AAMC 2009 Annual Meeting on GME, including team-based learning.
- The AAMC regularly meets with and convenes educational leaders to discuss the future of residency education.
- The AAMC will continue to identify best practices and monitor progress in advancing ACGME competencies.