



January 2003

The Tufts Health Care Institute Curriculum Framework and Instructional Materials as Related to Competencies and Learning Objectives in Medical Education

Index of THCI Online Modules and CD-ROM and Related ACGME and AAMC Competencies and Objectives

This table aligns the online modules presented on THCI's website (<http://www.thci.org/>) and THCI's CD-ROM, Understanding Managed Care, with the competencies and learning objectives defined in three major reports: The Accreditation Council for Graduate Medical Education (ACGME) Outcome Project, the Association of American Medical Colleges (AAMC) Graduate Medical Education Core Curriculum, and the Association of American Medical Colleges Medical School Objectives Project (MSOP).

Index of THCI Online Modules and CD-ROM and Related ACGME and AAMC Competencies and Objectives

THCI Online Modules	Related ACGME and AAMC Competencies and Objectives	
Definitions and Measurement of Quality	ACGME Competency	ACGME Objective
	Systems-Based Practice	<ul style="list-style-type: none"> • Practice cost-effective health care and resource allocation that does not compromise quality of care. • Understand how their patient care and other professional practices affect other health care professionals, the health care organization, and the larger society and how these elements of the system affect their own practice. • Advocate for quality patient care and assist patients in dealing with system complexities.
	Practice-Based Learning & Improvement	<ul style="list-style-type: none"> • Analyze practice experience and perform practice-based improvement activities using a systematic methodology.
	AAMC GME Domain	AAMC GME Objective
	The Health Care System	<ul style="list-style-type: none"> • Residents should demonstrate the ability to conduct quality-of-care assessment and apply the principles of continuous quality improvement.
	AAMC MSOP	<ul style="list-style-type: none"> • Topic: Quality of Care
Quality Improvement Techniques	ACGME Competency	ACGME Objective
	Interpersonal & Communication Skills	<ul style="list-style-type: none"> • Work effectively with others as a member or leader of a health care team or other professional group.
	Practice-Based Learning & Improvement	<ul style="list-style-type: none"> • Analyze practice experience and perform practice-based improvement activities using a systematic methodology.
	Systems-Based Practice	<ul style="list-style-type: none"> • Practice cost-effective health care and resource allocation that does not compromise quality of care. • Know how to partner with health care managers and health care providers to assess, coordinate, and improve health care and know how these activities can affect system performance.
	AAMC GME Domain	AAMC GME Objective
	Communication in Medicine	<ul style="list-style-type: none"> • Residents should demonstrate the ability to work in team settings by identifying roles and assignments, planning and prioritizing, accepting responsibilities, and assisting others.
	The Health Care System	<ul style="list-style-type: none"> • Residents should demonstrate the ability to conduct quality-of-care assessment and apply the principles of continuous quality improvement.
	AAMC MSOP	<ul style="list-style-type: none"> • Topic: Quality of Care

Index of THCI Online Modules and CD-ROM and Related ACGME and AAMC Competencies and Objectives (cont.)

THCI Online Modules	Related ACGME and AAMC Competencies and Objectives	
Quality Oversight in the Marketplace	ACGME Competency	ACGME Objective
	Systems-Based Practice	<ul style="list-style-type: none"> • Understand how their patient care and other professional practices affect other health care professionals, the health care organization, and the larger society and how these elements of the system affect their own practice. • Practice cost-effective health care and resource allocation that does not compromise quality of care. • Advocate for quality patient care and assist patients in dealing with system complexities.
	AAMC GME Domain	AAMC GME Objective
	The Health Care System	<ul style="list-style-type: none"> • Residents should demonstrate the ability to conduct quality-of-care assessment and apply the principles of continuous quality improvement.
	AAMC MSOP	<ul style="list-style-type: none"> • Topic: Quality of Care
Evidence-Based Medicine	ACGME Competency	ACGME Objective
	Medical Knowledge	<ul style="list-style-type: none"> • Demonstrate an investigatory and analytic thinking approach to clinical situations.
	Patient Care	<ul style="list-style-type: none"> • Make informed decisions about diagnostic and therapeutic interventions based on patient information and preferences, up-to-date scientific evidence, and clinical judgment.
	Systems-based Practice	<ul style="list-style-type: none"> • Practice cost-effective health care and resource allocation that does not compromise quality of care.
	Practice-Based Learning & Improvement	<ul style="list-style-type: none"> • Locate, appraise, and assimilate evidence from scientific studies related to their patients' health problems. • Apply knowledge of study designs and statistical methods to the appraisal of clinical studies and other information on diagnostic and therapeutic effectiveness. • Use information technology to manage information, access on-line medical information; and support their own education.

Index of THCI Online Modules and CD-ROM and Related ACGME and AAMC Competencies and Objectives (cont.)

THCI Online Modules	Related ACGME and AAMC Competencies and Objectives	
Evidence-Based Medicine (cont.)	AAMC GME Domain	AAMC GME Objective
	Scholarly Medical Practice	<ul style="list-style-type: none"> • Residents should demonstrate the ability to apply the methods of Evidence-Based Medicine to the analysis of medical literature. • Residents should demonstrate the ability to conduct a complete, clinically appropriate literature search. • Residents should demonstrate the ability to find practice-relevant information on the internet.
	The Health Care System	<ul style="list-style-type: none"> • Residents should demonstrate the ability to design cost-effective care plans based on knowledge of best practices.
	AAMC MSOP	<ul style="list-style-type: none"> • Physicians Must Be Dutiful • Physicians Must Be Knowledgeable • Topic: Quality of Care
Clinical Guidelines	ACGME Competency	ACGME Objective
	Practice-Based Learning & Improvement	<ul style="list-style-type: none"> • Locate, appraise, and assimilate evidence from scientific studies related to their patients' health problems. • Use information technology to manage information, access on-line medical information; and support their own education. • Obtain and use information about their own population of patients and the larger population from which their patients are drawn.
	Patient Care	<ul style="list-style-type: none"> • Develop and carry out patient management plans. • Make informed decisions about diagnostic and therapeutic interventions based on patient information and preferences, up-to-date scientific evidence, and clinical judgment.
	Systems-Based Practice	<ul style="list-style-type: none"> • Practice cost-effective health care and resource allocation that does not compromise quality of care.
	AAMC GME Domain	AAMC GME Objective
	Scholarly Medical Practice	<ul style="list-style-type: none"> • Residents should demonstrate the ability to find practice-relevant information on the internet.
	The Health Care System	<ul style="list-style-type: none"> • Residents should demonstrate the ability to design cost-effective care plans based on knowledge of best practices.

Index of THCI Online Modules and CD-ROM and Related ACGME and AAMC Competencies and Objectives (cont.)

THCI Online Modules	Related ACGME and AAMC Competencies and Objectives	
Clinical Guidelines (cont.)	AAMC MSOP	<ul style="list-style-type: none"> • Physicians Must Be Dutiful • Physicians Must Be Knowledgeable • Topic: Quality of Care
Disease Management	ACGME Competency	ACGME Objective
	Patient Care	<ul style="list-style-type: none"> • Develop and carry out patient management plans. • Provide health care services aimed at preventing health problems or maintaining health.
	Systems-Based Practice	<ul style="list-style-type: none"> • Practice cost-effective health care and resource allocation that does not compromise quality of care.
	Practice-Based Learning & Improvement	<ul style="list-style-type: none"> • Obtain and use information about their own population of patients and the larger population from which their patients are drawn.
	AAMC GME Domain	AAMC GME Objective
	The Health Care System	<ul style="list-style-type: none"> • Residents should demonstrate the ability to design cost-effective care plans based on knowledge of best practices.
	AAMC MSOP	<ul style="list-style-type: none"> • Physicians Must Be Skillful
Case Management	ACGME Competency	ACGME Objective
	Interpersonal & Communication Skills	<ul style="list-style-type: none"> • Work effectively with others as a member or leader of a health care team or other professional group.
	Patient Care	<ul style="list-style-type: none"> • Develop and carry out patient management plans. • Provide health care services aimed at preventing health problems or maintaining health. • Work with health care professionals, including those from other disciplines, to provide patient-focused care.
	Systems-Based Practice	<ul style="list-style-type: none"> • Practice cost-effective health care and resource allocation that does not compromise quality of care. • Know how to partner with health care managers and health care providers to assess, coordinate, and improve health care and know how these activities can affect system performance.

Index of THCI Online Modules and CD-ROM and Related ACGME and AAMC Competencies and Objectives (cont.)

THCI Online Modules	Related ACGME and AAMC Competencies and Objectives	
Case Management (cont.)	AAMC GME Domain	AAMC GME Objective
	Communication in Medicine	<ul style="list-style-type: none"> • Residents should demonstrate the ability to work in team settings by identifying roles and assignments, planning and prioritizing, accepting responsibilities, and assisting others.
	The Health Care System	<ul style="list-style-type: none"> • Residents should demonstrate the ability to design cost-effective care plans based on knowledge of best practices.
	AAMC MSOP	<ul style="list-style-type: none"> • Physicians Must Be Altruistic • Physicians Must Be Skillful
Referral Management	ACGME Competency	ACGME Objective
	Interpersonal & Communication Skills	<ul style="list-style-type: none"> • Work effectively with others as a member or leader of a health care team or other professional group.
	Patient Care	<ul style="list-style-type: none"> • Work with health care professionals, including those from other disciplines, to provide patient-focused care.
	Systems-Based Practice	<ul style="list-style-type: none"> • Practice cost-effective health care and resource allocation that does not compromise quality of care. • Know how to partner with health care managers and health care providers to assess, coordinate, and improve health care and know how these activities can affect system performance. • Understand how their patient care and other professional practices affect other health care professionals, the health care organization, and the larger society and how these elements of the system affect their own practice.
	AAMC GME Domain	AAMC Objectives
	The Healthcare System	<ul style="list-style-type: none"> • Residents should understand the norms and processes for requesting and providing consultations and for returning patients to their primary care providers as appropriate.
	AAMC MSOP	<ul style="list-style-type: none"> • Physicians Must Be Altruistic • Physicians Must Be Skillful

Index of THCI Online Modules and CD-ROM and Related ACGME and AAMC Competencies and Objectives (cont.)

THCI Online Modules	Related ACGME and AAMC Competencies and Objectives	
Managing Pharmacy in the Hospital Setting	ACGME Competency	ACGME Objective
	Interpersonal & Communication Skills	<ul style="list-style-type: none"> • Work effectively with others as a member or leader of a health care team or other professional group.
	Patient Care	<ul style="list-style-type: none"> • Work with health care professionals, including those from other disciplines, to provide patient-focused care.
	Systems-Based Practice	<ul style="list-style-type: none"> • Practice cost-effective health care and resource allocation that does not compromise quality of care. • Know how to partner with health care managers and health care providers to assess, coordinate, and improve health care and know how these activities can affect system performance.
	AAMC GME Domain	AAMC GME Objective
	The Healthcare System	<ul style="list-style-type: none"> • Residents should demonstrate the ability to design cost-effective care plans based on knowledge of best practices.
Emerging Roles of Pharmacists in Collaborative Care Delivery	ACGME Competency	ACGME Objective
	Interpersonal & Communication Skills	<ul style="list-style-type: none"> • Work effectively with others as a member or leader of a health care team or other professional group.
	Patient Care	<ul style="list-style-type: none"> • Work with health care professionals, including those from other disciplines, to provide patient-focused care.
	Systems-Based Practice	<ul style="list-style-type: none"> • Practice cost-effective health care and resource allocation that does not compromise quality of care. • Know how to partner with health care managers and health care providers to assess, coordinate, and improve health care and know how these activities can affect system performance.
	AAMC GME Domain	AAMC GME Objective
	Communication in Medicine	<ul style="list-style-type: none"> • Residents should demonstrate the ability to work in team settings by identifying roles and assignments, planning and prioritizing, accepting responsibilities, and assisting others.
	The Healthcare System	<ul style="list-style-type: none"> • Residents should understand the norms and processes for requesting and providing consultations and for returning patients to their primary care providers as appropriate.
	AAMC MSOP	<ul style="list-style-type: none"> • Physicians Must Be Altruistic

Index of THCI Online Modules and CD-ROM and Related ACGME and AAMC Competencies and Objectives (cont.)

THCI CD ROM	Related ACGME and AAMC Competencies and Objectives	
CD-ROM: Understanding Managed Care	ACGME Competency	ACGME Objective
	Patient Care	<ul style="list-style-type: none"> • Counsel and educate patients and their families.
	Practice-Based Learning & Improvement	<ul style="list-style-type: none"> • Obtain and use information about their own population of patients and the larger population from which their patients are drawn.
	Systems-Based Practice	<ul style="list-style-type: none"> • Practice cost-effective health care and resource allocation that does not compromise quality of care. • Understand how their patient care and other professional practices affect other health care professionals, the health care organization, and the larger society and how these elements of the system affect their own practice. • Advocate for quality patient care and assist patients in dealing with system complexities.
	AAMC GME Domain	AAMC GME Objective
	Biomedical Ethics	<ul style="list-style-type: none"> • Residents should demonstrate knowledge of the ethical issues pertaining to resource allocation and rationing.
	Medical Professionalism	<ul style="list-style-type: none"> • Residents should demonstrate willingness to provide needed care, with the same standards of quality for all patients, regardless of type of reimbursement or ability to pay.
	The Health Care System	<ul style="list-style-type: none"> • Residents should demonstrate knowledge of basic health care reimbursement methods and systems. • Residents should demonstrate knowledge of how health care is delivered in the US in hospitals, offices and other outpatient facilities, community health care agencies, nursing homes, and rehabilitation units, and where different segments of the population receive their health care. • Residents should demonstrate knowledge of the principles of population-based medicine, including demographics and disease epidemiology, and the ability to organize and implement population-based care in the context of their own practice.

Index of THCI Online Modules and CD-ROM and Related ACGME and AAMC Competencies and Objectives (cont.)

THCI CD ROM	Related ACGME and AAMC Competencies and Objectives	
CD-ROM: Understanding Managed Care (cont.)	The Health Care System (cont.)	<ul style="list-style-type: none"> • Residents should demonstrate knowledge of the organization and operation of different types of managed care organizations and both the financial and patient care implications of managed care organizations' policies and practices. • Residents should demonstrate knowledge of the sources of financing for U.S. health care including Medicare, Medicaid, the Veterans' Affairs and Department of Defense, public health systems, employer-based private health plans, and patients' own funds.
	AAMC MSOP	<ul style="list-style-type: none"> • Physicians Must Be Altruistic • Physicians Must Be Dutiful • Topic: Population Health • Topic: Quality of Care