

GOALS AND OBJECTIVES FOR CARDIOLOGY CONSULTS

Goal

Residents get an exposure to a variety of patients with cardiac diseases in the inpatient setting on non-cardiology services. Junior residents on the rotation develop clinical skills to analyze patient problems and make treatment plans for patients with cardiac presentations. Senior residents develop higher-level clinical skills and judgment through management of urgent and emergent referrals. After the cardiology consults rotation residents at different stages of training are competent to assess, manage and care for patients with varying levels of cardiac presentations inline with the Entrustable Professional Activities for that rotation.

Entrustable Professional Activities

TRANSITION TO DISCIPLINE

- D1 Performing histories and physical exams, documenting and presenting findings, across clinical settings for initial and subsequent care
- D2 Identifying and assessing unstable patients, providing initial management, and obtaining help

FOUNDATIONS OF DISCIPLINE

- F1 Assessing, diagnosing, and initiating management for patients with common acute cardiac presentations in acute care settings
- F2 Managing patients admitted to acute care settings with common medical problems and advancing their care plans
- F4 Formulating, communicating, and implementing discharge plans for patients with common medical conditions from acute care settings
- F5 Assessing and providing targeted treatment for unstable patients and consulting as needed
- F7 Identifying personal learning needs while caring for patients and addressing those needs

CORE OF DISCIPLINE

- C1 Assessing, diagnosing and managing patients with complex or atypical acute medical presentations
- C2 Assessing, diagnosing, and managing patients with complex chronic diseases
- C3 Providing cardiology consultation to other clinical services
- C7 Discussing serious and/or complex aspects of care with patients, families, and caregivers
- C8 Caring for patients who have experienced a patient safety incident (adverse event)
- C10 Implementing health promotion strategies in patients with or at risk for disease
- C11 Teaching and assessing junior learners through supervised delivery of clinical care

TRANSITION TO PRACTICE

- P3 Assessing and managing patients in whom there is uncertainty in diagnosis and/or treatment
- P4 Providing consultations to off-site health care providers
- P6 Working with other physicians and healthcare professionals to develop collaborative patient care plans
- P7 Identifying learning needs in clinical practice, and addressing them with a personal learning plan

PRESENTATIONS TO COVER

Shortness of breath
Hemodynamic instability/hypotension
Chest pain
Cardiac dysrhythmia
Cardiac arrest
Hypertension
Syncope
Abnormal cardiac enzymes
Palpitations
Edema
Pericardial effusion

DIAGNOSES TO COVER

Congestive heart failure
Coronary artery disease/ACS
DVT/PE
Hypertension
Endovascular infection
Pericardial disease
Valvular disorder
Cardiovascular risk
Pulmonary hypertension
Cardiomyopathy
Arterial aneurysm/dissection
Atrial fibrillation
Other dysrhythmia (not A.fib)

Objectives (by Stage of Training)

Transition to Discipline (8 objectives)

Medical Expert

1. Perform appropriately timed clinical assessments with recommendations that are presented in an organized manner (ME1.4)
2. Prioritize issues to be addressed in a patient encounter (ME2.1)
3. Elicit a history, perform a physical exam, select appropriate investigations, and interpret their results for the purpose of diagnosis and management, disease prevention, and health promotion (ME2.2)
4. Implement a patient-centered care plan that supports ongoing care, follow-up on investigations, response to treatment, and further consultation (ME4.1)

Communicator

1. Communicate using a patient-centred approach that encourages patient trust and autonomy and is characterized by empathy, respect, and compassion (CM1.1)
2. Share information and explanations that are clear, accurate, and timely, while checking for patient and family understanding (CM3.1)
3. Document clinical encounters in an accurate, complete, timely, and accessible manner, in compliance with regulatory and legal requirements (CM5.1)

Collaborator

1. Demonstrate safe handover of care, using both verbal and written communication, during a patient transition to a different health care professional, setting, or stage of care (CL3.2)

Foundations of Discipline (19 objectives)

Medical Expert

1. Perform appropriately timed clinical assessments with recommendations that are presented in an organized manner (ME1.4)
2. Recognize and respond to the complexity, uncertainty, and ambiguity inherent in medical practice (ME1.6)
3. Prioritize issues to be addressed in a patient encounter (ME2.1)
4. Elicit a history, perform a physical exam, select appropriate investigations, and interpret their results for the purpose of diagnosis and management, disease prevention, and health promotion (ME2.2)
5. Establish a patient-centered management plan (ME2.4)
6. Implement a patient-centered care plan that supports ongoing care, follow-up on investigations, response to treatment, and further consultation (ME4.1)
7. Adopt strategies that promote patient safety and address human and system factors (ME5.2)

Communicator

1. Optimize the physical environment for patient comfort, dignity, privacy, engagement, and safety (CM1.2)
2. Elicit and synthesize accurate and relevant information, incorporating the perspectives of patients and their families (CM2)
3. Share information and explanations that are clear, accurate, and timely, while checking for patient and family understanding (CM3.1)
4. Facilitate discussions with patients and their families in a way that is respectful, non-judgmental, and culturally safe (CM4.1)
5. Document clinical encounters in an accurate, complete, timely, and accessible manner, in compliance with regulatory and legal requirements (CM5.1)

Collaborator

1. Establish and maintain positive relationships with physicians and other colleagues in the health care professions to support relationship-centered collaborative care (CL1.1)
2. Demonstrate safe handover of care, using both verbal and written communication, during a patient transition to a different health care professional, setting, or stage of care (CL3.2)

Health Advocate

1. Incorporate disease prevention, health promotion, and health surveillance into interactions with individual patients (HA1.3)

Scholar

1. Develop, implement, monitor, and revise a personal learning plan to enhance professional practice (SC1.1)
2. Identify opportunities for learning and improvement by regularly reflecting on and assessing their performance using various internal and external data sources (SC1.2)
3. Identify, select, and navigate pre-appraised resources (SC3.2)

Professional

1. Exhibit appropriate professional behaviours and relationships in all aspects of practice, demonstrating honesty, integrity, humility, commitment, compassion, respect, altruism, respect for diversity, and maintenance of confidentiality (PR1.1)

Core of Discipline (29 objectives)

Medical Expert

1. Perform a patient-centred clinical assessment and establish a management plan (ME2)
2. Prioritize issues to be addressed in a patient encounter (ME2.1)
3. Establish a patient-centred management plan (ME2.4)
4. Carry out professional duties in the face of multiple, competing demands (ME1.5)
5. Plan and perform procedures and therapies for the purpose of assessment and/or management (ME3)
6. Establish plans for ongoing care and, when appropriate, timely consultation (ME4)
7. Recognize and respond to harm from health care delivery, including patient safety incidents (ME5.1)
8. Adopt strategies that promote patient safety and address human and system factors (ME5.2)

Communicator

1. Establish professional therapeutic relationships with patients and their families (CM1)
2. Manage disagreements and emotionally charged conversations (CM1.5)
3. Provide a clear structure for and manage the flow of an entire patient encounter (CM2.2)
4. Disclose harmful patient safety incidents to patients and their families accurately and appropriately (CM3.2)
5. Engage patients and their families in developing plans that reflect the patient's health care needs and goals (CM4)
6. Document clinical encounters in an accurate, complete, timely, and accessible manner, in compliance with regulatory and legal requirements (CM5.1)

Collaborator

1. Negotiate overlapping and shared responsibilities with physicians and other colleagues in the health care professions in episodic and ongoing care (CL1.2)
2. Show respect toward collaborators (CL2.1)

Leader

1. Analyze patient safety incidents to enhance systems of care (LD1.3)
2. Engage in the stewardship of health care resources (LD2)
3. Set priorities and manage time to integrate practice and personal life (LD4.1)

Health Advocate

1. Work with patients to address determinants of health that affect them and their access to needed health services or resources (HA1.1)
2. Work with patients and their families to increase opportunities to adopt healthy behaviors (HA1.2)
3. Incorporate disease prevention, health promotion, and health surveillance into interactions with individual patients (HA1.3)

Scholar

1. Recognize the influence of role-modelling and the impact of the formal, informal, and hidden curriculum on learners (SC2.1)
2. Promote a safe learning environment (SC2.2)
3. Plan and deliver a learning activity (SC2.4)
4. Provide feedback to enhance learning and performance (SC2.5)
5. Integrate evidence into decision-making in their practice (SC3.4)

Professional

1. Exhibit appropriate professional behaviors and relationships in all aspects of practice, demonstrating honesty, integrity, humility, commitment, compassion, respect, altruism, respect for diversity, and maintenance of confidentiality (PR1.1)
2. Demonstrate a commitment to excellence in all aspects of practice (PR1.2)

Transition to Practice (20 objectives)

Medical Expert

1. Elicit a history, perform a physical exam, select appropriate investigations, and interpret their results for the purpose of diagnosis and management, disease prevention, and health promotion (ME2.2)
2. Prioritize issues to be addressed in a patient encounter (ME2.1)
3. Establish a patient-centered management plan (ME2.4)
4. Plan and perform procedures and therapies for the purpose of assessment and/or management (ME3)
5. Implement a patient-centered care plan that supports ongoing care, follow-up on investigations, response to treatment, and further consultation (ME4.1)

Communicator

1. Elicit and synthesize accurate and relevant information, incorporating the perspectives of patients and their families (CM2)
2. Share information and explanations that are clear, accurate, and timely, while checking for patient and family understanding (CM3.1)
3. Facilitate discussions with patients and their families in a way that is respectful, non-judgmental, and culturally safe (CM4.1)

Collaborator

1. Engage in respectful shared decision-making with physicians and other colleagues in the health care professions (CL1.3)
2. Implement strategies to promote understanding, manage differences, and resolve conflicts in a manner that supports a collaborative culture (CL2.2)
3. Hand over the care of a patient to another health care professional to facilitate continuity of safe patient care (CL3)

Leader

1. Engage in the stewardship of health care resources (LD2)
2. Implement processes to ensure personal practice improvement (LD4.3)

Health Advocate

1. Work with patients to address determinants of health that affect them and their access to needed health services or resources (HA1.1)

Scholar

1. Develop, implement, monitor, and revise a personal learning plan to enhance professional practice (SC1.1)
2. Integrate best available evidence into practice (SC3)
3. Recognize practice uncertainty and knowledge gaps in clinical and other professional encounters and generate focused questions that address them (SC3.1)

Professional

1. Demonstrate a commitment to patients by applying best practices and adhering to high ethical standards (PR1)

2. Demonstrate accountability to patients, society, and the profession by responding to societal expectations of physicians (PR2.1)
3. Fulfill and adhere to the professional and ethical codes, standards of practice, and laws governing practice (PR3.1)