Elective Cardiothoracic Surgery Rotation Information and Instructional Objectives

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Elective Cardiothoracic Surgery Clinical Rotation Topics

Cardiovascular System
Cardiomyopathy: Dilated, Hypertrophic, Restrictive, Stress
Conduction disorders/dysrhythmias: Atrial fibrillation, Atrial flutter, Atrial tachycardia, Atrioventricular block, Bradycardia, Bundle branch block, Idioventricular rhythm, Junctional, Premature contractions, QT prolongation, Sick sinus syndrome, Sinus arrhythmia, Torsades de pointes, Ventricular fibrillation, Ventricular tachycardia
Congenital heart disease: Atrial septal defect, Coarctation of aorta, Patent ductus arteriosus, Tetralogy of Fallot, Transposition of the great vessels, Ventricular septal defect
Coronary artery disease: Acute myocardial infarction, Angina pectoris, Non–ST-segment elevation myocardial infarction, ST-segment elevation myocardial infarction, Unstable angina, Atherosclerosis
Heart failure
Hypertension: Primary hypertension, Secondary hypertension, Hypertensive emergencies,
Hypotension: Orthostatic hypotension, Vasovagal hypotension
Lipid disorder
Shock: Cardiogenic, Distributive, Hypovolemic, Obstructive
Traumatic, infectious, and inflammatory heart conditions: Cardiac tamponade, Infective endocarditis, Myocarditis, Pericardial effusion, Pericarditis
Valvular disorders: Aortic, Mitral, Pulmonary, Tricuspid
Vascular disease: Aortic aneurysm/dissection, Arterial embolism/thrombosis, Arteriovenous malformation, Deep vein thrombosis, Giant cell arteritis, Peripheral artery disease, Phlebitis/thrombophlebitis, Varicose veins, Venous insufficiency

Hematologic System
Transfusion Reaction

Renal System
Acid base disorders
Fluid imbalances

Elective Cardiothoracic Surgery Rotation Learning Outcomes

Upon completion of the elective Cardiothoracic Surgery clinical rotation,

1. Students will demonstrate medical knowledge of the pathophysiology, etiology, epidemiology, patient presentation, differential diagnosis, diagnostic work-up, patient management, health promotion, and disease prevention for common conditions (listed in Cardiothoracic Surgery Clinical Rotation Topics above) encountered in Cardiothoracic Surgery for patients seeking medical care for the following age populations: adults and/or elderly.
2. Students will elicit a detailed and accurate patient history, perform an appropriate physical examination, appropriately use and interpret diagnostic testing and laboratory studies, and formulate differential diagnoses and assessment plans for symptoms/conditions (listed in Cardiothoracic Surgery Clinical Rotation Topics above) commonly encountered in patients seeking emergent Cardiothoracic Surgery, acute Cardiothoracic Surgery, chronic Cardiothoracic Surgery, preoperative, and/or intraoperative, postoperative care.
3. Students will demonstrate technical skills common to Cardiothoracic Surgery.
4. Students will obtain and document information clearly and appropriately for the following types of patient encounters: (a) emergent problem-focused encounters, (b) acute problem-focused encounters, (c) chronic disease follow-up encounters, (d) preoperative encounters, (e) intraoperative encounters, and/or (f) post-operative encounters.
5. Students will listen empathetically and effectively, communicate clearly, and utilize shared decision-making for patients seeking care in Cardiothoracic Surgery.
6. Students will facilitate difficult health care conversations in Cardiothoracic Surgery.
7. Students will demonstrate compassion, integrity, respect, patient responsiveness, and accountability while providing care to patients in a Cardiothoracic Surgery setting.
8. Students will (a) seek, implement, and accept feedback, (b) reflect on performance and develop plans for self-improvement, and (c) locate, appraise, and integrate evidence-based studies related to Cardiothoracic Surgery.
9. Students will (a) promote a safe environment for patients seeking care in a Cardiothoracic Surgery setting, (b) demonstrate knowledge of quality improvement methodologies and metrics, (c) recognize the unique role of PAs and other health professions in Cardiothoracic Surgery, (d) work effectively with other health professionals to provide collaborative, patient-centered in cardiothoracic surgery, (e) work effectively in inpatient and operating room health delivery settings, (f) incorporate considerations of cost awareness and funding into patients seeking care in an Cardiothoracic Surgery setting, and (g) describe basic health payment systems and practice models for Cardiothoracic Surgery.

Elective Cardiothoracic Surgery Instructional Objectives

Upon completion of the elective Cardiothoracic Surgery clinical rotation,

1. Elective Cardiothoracic Surgery Rotation Learning Outcome #1: Students will demonstrate medical knowledge of the pathophysiology, etiology, epidemiology, patient presentation, differential diagnosis, diagnostic work-up, patient management, health promotion, and disease prevention for common conditions (listed in Cardiothoracic Surgery Clinical Rotation Topics above) encountered in

Cardiothoracic Surgery for patients seeking medical care for the following age populations: adults and/or elderly.

- **Cardiothoracic Surgery instructional objective:** Evaluate the common disease process found in Cardiothoracic Surgery using suggested readings and course study guide. (MK-PLO2)
- **Cardiothoracic Surgery instructional objective:** Identify the etiology, pathophysiology, and clinical presentation of conditions listed in the clinical topics for this rotation. (MK-PLO3)
- **Cardiothoracic Surgery Rotation instructional objective:** Select appropriate treatment plans for patients using all pertinent medical data, including history, physical examination, and diagnostic data, under the preceptor's supervision. (MK-PLO3)
- **Cardiothoracic Surgery Rotation instructional objective:** Identify medications commonly used in Cardiothoracic Surgery, including the indication, contraindication, mechanism of action, most common side effects, and appropriate dosage for age. (MK-PLO2)
- **Cardiothoracic Surgery instructional objective:** Contrast possible risks and benefits of diagnostic studies and treatment plans. (MK-PLO3)
- **Cardiothoracic Surgery instructional objective:** Contrast the risks and benefits of procedures that must be performed on your patient. (MK PLO-3)
- **Cardiothoracic Surgery instructional objective:** Interpret and apply setting appropriate healthcare guidelines. (MK PLO-3)
- **Cardiothoracic Surgery instructional objective:** Explain postoperative care and potential complications, including the inflammatory response. (MK-PLO2)
- **Cardiothoracic Surgery instructional objective:** Explain the indications of the surgical procedures used to treat the surgical disease process. (MK-PLO2)
- **Cardiothoracic Surgery instructional objective:** Compare the different types of shock and how to manage them. (MK-PLO2)
- **Cardiothoracic Surgery instructional objective:** Describe the surgical procedure used to treat the surgical disease process and the accompanying risks and benefits. (MK-PLO2)
- **Cardiothoracic Surgery instructional objective:** Summarize fluid and electrolyte management in the surgical patient. (MK PLO-3)

2. **Elective Cardiothoracic Surgery Rotation Learning Outcome #2:** Students will elicit a detailed and accurate patient history, perform an appropriate physical examination, appropriately use and interpret diagnostic testing and laboratory studies, and formulate differential diagnoses and assessment plans for symptoms/conditions (listed in Cardiothoracic Surgery Clinical Rotation Topics above) commonly encountered in patients seeking emergent Cardiothoracic Surgery, acute Cardiothoracic Surgery, chronic Cardiothoracic Surgery, preoperative, intraoperative, and/or postoperative care.
    - **Cardiothoracic Surgery instructional objective:** Demonstrate an age and setting appropriate history and physical exam for a patient 18-64 years of age. (PC-PLO2)

- **Cardiothoracic Surgery instructional objective:** Demonstrate an appropriate history and physical exam on a patient greater than 65 years of age. (PC-PLO2)
- **Cardiothoracic Surgery instructional objective:** Choose appropriate diagnostic tests to identify an abnormality. (PC-PLO3)
- **Cardiothoracic Surgery instructional objective:** Interpret diagnostic studies related to the patient's medical condition. (PC-PLO3)
- **Cardiothoracic Surgery instructional objective:** Formulate an appropriate differential diagnosis based on history, physical examination, and diagnostic study data. (PC-PLO4)
- **Cardiothoracic Surgery instructional objective:** Construct an appropriate treatment plan based on history, physical exam, and diagnostic data. (PC-PLO4)
- **Cardiothoracic Surgery instructional objective:** Actively participate in the management of acute and chronic patient conditions. (PC- PLO4)
- **Cardiothoracic Surgery instructional objective:** Demonstrate an appropriate pre-operative history and physical examination. (PC-PLO2)
- **Cardiothoracic Surgery instructional objective:** Perform in-patient evaluation. (PC-PLO2)
- **Cardiothoracic Surgery instructional objective:** Manage preoperative care of patients. (PC PLO-4)

3. **Elective Cardiothoracic Surgery Rotation Learning Outcome #3:** Students will demonstrate technical skills common to Cardiothoracic Surgery.

4. **Elective Cardiothoracic Surgery Rotation Learning Outcome #4:** Students will obtain and document information clearly and appropriately for the following types of patient encounters: (a) emergent problem-focused encounters, (b) acute problem-focused encounters, (c) chronic disease follow-up encounters, (d) preoperative encounters, (e) intraoperative encounters, and/or (f) post-operative encounters.

5. **Elective Cardiothoracic Surgery Rotation Learning Outcome #5:** Students will listen empathetically and effectively, communicate clearly, and utilize shared decision-making for patients seeking care in Cardiothoracic Surgery.
   - **Cardiothoracic Surgery instructional objective:** Describe health promotion and disease prevention to your patients. (ICS-PLO3)
   - **Cardiothoracic Surgery instructional objective:** Adapt communication style and information context to the individual patient interaction. (ICS-PLO3)
   - **Cardiothoracic Surgery instructional objective:** Identify communication barriers with different patient populations. (ICS PLO-3)
   - **Cardiothoracic Surgery instructional objective:** Compose an oral case presentation and present it to the preceptor. (ICS-PLO3)
   - **Cardiothoracic Surgery instructional objective:** Explain possible risks and benefits of diagnostic studies and treatment plans to your patient as approved by the supervising provider. (ICS-PLO3)
   - **Cardiothoracic Surgery instructional objective:** Select written patient education handouts to address a health promotion issue using the most up-to-date, evidence-based medical data. (ICS PLO-3)

6. **Elective Cardiothoracic Surgery Rotation Learning Outcome #6:** Students will facilitate difficult health care conversations in Cardiothoracic Surgery.

7. **Elective Cardiothoracic Surgery Rotation Learning Outcome #7:** Students will demonstrate compassion, integrity, respect, patient responsiveness, and accountability while providing care to patients in a Cardiothoracic Surgery setting.
    - **Cardiothoracic Surgery instructional objective:** Practice professionally in a working situation with other healthcare team members, including appropriate dress, punctual attendance, and professional attitude. (P-PLO1)
    - **Cardiothoracic Surgery instructional objective:** Show sensitivity to the emotional, social, developmental, and ethnic background of patients and their families on their service. (P-PLO1)
    - **Cardiothoracic Surgery instructional objective:** Apply professional attitude in such areas as attendance, dress code, and performance in the medical setting. (P-PLO1)
    - **Cardiothoracic Surgery instructional objective:** Demonstrate sensitivity and responsiveness to patients' culture, gender, age, and disabilities. (P-PLO1)
    - **Cardiothoracic Surgery instructional objective:** Demonstrate motivation and desire to learn. (P-PLO3)
    - **Cardiothoracic Surgery instructional objective:** Demonstrate knowledge of the legal and regulatory requirements of the role of a physician assistant. (P-PLO4)

8. **Elective Cardiothoracic Surgery Rotation Learning Outcome #8:** Students will (a) seek, implement, and accept feedback, (b) reflect on performance and develop plans for self-improvement, and (c) locate, appraise, and integrate evidence-based studies related to Cardiothoracic Surgery.
    - **Cardiothoracic Surgery instructional objective:** Demonstrate an openness to receive constructive criticism. (PBLPI-PLO1)
    - **Cardiothoracic Surgery instructional objective:** Recognize limitations and locate assistance from supervising preceptors and appropriate reference material. (PBLPI-PLO1)
    - **Cardiothoracic Surgery instructional objective:** Develop the ability to learn from practice. (PBLPI-PLO2)
    - **Cardiothoracic Surgery instructional objective:** Recognize personal limitations and where to access help personally and professionally. (PBLPI-PL2)
    - **Cardiothoracic Surgery instructional objective:** Interpret independent outside readings concerning medical problems encountered. (PBL PI-PLO3)
    - **Cardiothoracic Surgery instructional objective:** Show ability to understand and apply decision-making tools. (PBL PI PLO-3)
    - **Cardiothoracic Surgery instructional objective:** Recognize the importance of lifelong learning in the medical field. (PBLPI-PLO3)
    - **Cardiothoracic Surgery instructional objective:** Assess medical evidence and communicate it to patients and colleagues. (PBLPI-PL3)

- **Cardiothoracic Surgery instructional objective:** Apply information technology to access online medical information and continue personal education. (PBLPI-PL3))
- **Cardiothoracic Surgery instructional objective:** Use medical information technology in decision-making, patient care, and patient education. (PBLPI-PL3)

9. **Elective Cardiothoracic Surgery Rotation Learning Outcome #9:** Students will (a) promote a safe environment for patients seeking care in a Cardiothoracic Surgery setting, (b) demonstrate knowledge of quality improvement methodologies and metrics, (c) recognize the unique role of PAs and other health professions in Cardiothoracic Surgery, (d) work effectively with other health professionals to provide collaborative, patient-centered in cardiothoracic surgery, (e) work effectively in inpatient and operating room health delivery settings, (f) incorporate considerations of cost awareness and funding into patients seeking care in an Cardiothoracic Surgery setting, and (g) describe basic health payment systems and practice models for Cardiothoracic Surgery.
   - **Cardiothoracic Surgery instructional objective:** Operate under the rules of HIPAA to preserve patient confidentiality. (SBP-PLO1)
   - **Cardiothoracic Surgery instructional objective:** Practice according to policy and procedures set forth by the health care facility. (SBP-PLO1)
   - **Cardiothoracic Surgery instructional objective:** Employ a professional relationship with the supervising providers and other health care team members. (SBP-PLO4)
   - **Cardiothoracic Surgery instructional objective:** Identify the obstacles to obtaining medical care for those with financial difficulties. (SBP-PLO6)
   - **Cardiothoracic Surgery instructional objective:** Evaluate cost-effective health care and resources that do not compromise the quality of patient care. (SBP-PLO6)
   - **Cardiothoracic Surgery instructional objective:** Identify the funding sources and payment systems that provide coverage for the patient. (SBP-PLO7)
   - **Cardiothoracic Surgery instructional objective:** Choose the appropriate code for billing the responsible payment service under the direct supervision of the preceptor. (SBP-PLO7)

Elective Cardiothoracic Surgery Rotation Curriculum Integration Table

Elective Cardiothoracic Surgery Rotation Learning Outcome	**Assessment Method (Benchmark Requirements)**	**PAS Program Goal**	**PAS Program Learning Outcome (ARC-PA)/Student Learning Outcomes (GVSU)**
Students will demonstrate medical knowledge of the pathophysiology, etiology, epidemiology, patient presentation, differential diagnosis, diagnostic work-up, patient management, health promotion, and disease prevention for common conditions (listed in Cardiothoracic Surgery Clinical Rotation Topics above) encountered in Cardiothoracic Surgery for patients seeking medical care for the following age populations: adults and/or elderly.	Preceptor Evaluation (80% average score on Medical Knowledge competency section)	Medical Knowledge and Competence in Patient Care	MK #2 MK #3
Students will elicit a detailed and accurate patient history, perform an appropriate physical examination, appropriately use and interpret diagnostic testing and laboratory studies, and formulate differential diagnoses and assessment plans for symptoms/conditions (listed in Cardiothoracic Surgery Clinical Rotation Topics above) commonly encountered in patients seeking emergent Cardiothoracic Surgery, acute Cardiothoracic Surgery, chronic Cardiothoracic Surgery,	Preceptor Evaluation (80% average score on Patient competency section)	Medical Knowledge and Competence in Patient Care	PC #1 PC #2 PC #3 PC #4

preoperative, intraoperative, and/or postoperative care.			
Students will demonstrate technical skills common to Cardiothoracic Surgery.	Preceptor Evaluation (80% average score on Patient competency section) Clinical Skills Checklist (Pass/Fail)	Medical Knowledge and Competence in Patient Care	PC #5
Students will obtain and document information clearly and appropriately for the following types of patient encounters: (a) emergent problem-focused encounters, (b) acute problem-focused encounters, (c) chronic disease follow-up encounters, (d) preoperative encounters, (e) intraoperative encounters, and/or (f) post-operative encounters.	Preceptor Evaluation (80% average score on Interpersonal and Communication Skills competency section)	Medical Knowledge and Patient Care	ICS#2
Students will listen empathetically and effectively, communicate clearly, and utilize shared decision-making for patients seeking care in Cardiothoracic Surgery.	Preceptor Evaluation (80% average score on Interpersonal and Communication Skills competency section)	Medical Knowledge and Patient Care	ICS #1
		Collaborative Practice	ICS #3 ICS #5
Students will facilitate difficult health care conversations in Cardiothoracic Surgery.	Preceptor Evaluation (80% average score on Interpersonal and Communication Skills competency section)	Collaborative Practice	ICS #4
Students will demonstrate compassion, integrity, respect, patient responsiveness, and accountability while providing care to patients in a Cardiothoracic Surgery setting.	Preceptor Evaluation (80% average score on Professionalism competency section)	Professionalism	P #1 P #2 P #3

Students will (a) seek, implement, and accept feedback, (b) reflect on performance and develop plans for self-improvement, and (c) locate, appraise, and integrate evidence-based studies related to Cardiothoracic Surgery.	Preceptor Evaluation (80% average score on Practice-Based Learning and Proficiency Improvement competency section)	Lifelong Learning	PBLPI #1 PBLP #2 PBLP #3
Students will (a) promote a safe environment for patients seeking care in a Cardiothoracic Surgery setting, (b) demonstrate knowledge of quality improvement methodologies and metrics, (c) recognize the unique role of PAs and other health professions in Cardiothoracic Surgery, (d) work effectively with other health professionals in Cardiothoracic Surgery, (e) work effectively in an inpatient health delivery settings, (f) incorporate considerations of cost awareness and funding into patients seeking care in an Cardiothoracic Surgery setting, and (g) describe basic health payment systems and practice models for Cardiothoracic Surgery.	Preceptor Evaluation (80% average score on Systems-Based Practice competency section)	Medical Knowledge and Patient Care	SBP #1 SBP #6
		Lifelong Learning	SBP #2
		Collaborative Practice	SBP #3 SBP #4 SBP #5 SBP #7

Cardiothoracic Surgery Preceptor Evaluation of the Student

1. What is your group and/or site name (i.e., Corwell Health Medical Group Cardiothoracic Surgery)
2. Medical Knowledge: This section evaluates the student's ability to demonstrate medical knowledge, clinical reasoning, and problem-solving ability of sufficient breadth and depth to practice medicine as an entry-level physician assistant

	60% (Failing)	70% (D+/ C-)	80% (C+/ B)	90% (B+/ A-)	100% (A)	N/A
Student demonstrates medical knowledge in pathophysiology, etiology, and epidemiology for patients seeking medical care for common conditions encountered in cardiothoracic surgery in the following age populations (MK#2, 3):						
Adults						
Elderly						
Student demonstrates medical knowledge of patient presentations for common conditions encountered in cardiothoracic surgery for the following age populations (MK#2,3):						
Adults						
Elderly						
Student demonstrates medical knowledge of differential diagnosis and diagnostic work-up for patients seeking medical care for common conditions encountered in cardiothoracic surgery in the following age populations (MK#2,3)						
Adults						
Elderly						
Student demonstrates medical knowledge of patient management strategies for patients seeking medical care for common conditions encountered in cardiothoracic surgery in the following age populations (MK#2,3):						
Adults						
Elderly						
Student demonstrates medical knowledge of health promotion and disease prevention for patients seeking medical care for common conditions encountered in cardiothoracic surgery in the following age populations (MK#2, 3)						
Adults						
Elderly						
Additional Comments:						

3. Patient Care: This section evaluates the student's ability to provide person-centered care that includes patient- and setting-specific assessment, evaluation, management, and health promotion.

	60% (Failing)	70% (D+/ C-)	80% (C+/ B)	90% (B+/ A-)	100% (A)	N/A
Elicit a detailed and accurate history and perform an appropriate physical examination for the following populations encountered in cardiothoracic surgery (PC#1):						
Adult						

Elderly						
Elicit a detailed and accurate history and perform an appropriate physical examination for patients encountered in cardiothoracic surgery seeking (PC#2):						
Emergent care						
Acute care						
Chronic care						
Preoperative care						
Intraoperative care						
Postoperative care						
Student demonstrates knowledge of the appropriate use and interpretation of diagnostic testing and laboratory studies commonly used for patients seeking (PC#3):						
Emergent care						
Acute care						
Chronic care						
Preoperative care						
Intraoperative care						
Postoperative care						
Student organizes information from the interview, diagnostic testing, and physical examination to formulate differential diagnoses for patients seeking (PC#4):						
Emergent care						
Acute care						
Chronic care						
Preoperative care						
Intraoperative care						
Postoperative care						
Student organizes information from the interview, diagnostic testing, and physical examination to formulate assessment plans for symptoms/conditions commonly encountered in patients seeking (PC#4):						
Emergent care						
Acute care						
Chronic care						
Preoperative care						
Intraoperative care						
Postoperative care						
Demonstrate basic technical skills common to cardiothoracic surgery (PC#5):						
Additional Comments:						

4. Interpersonal and Communication Skills: This section evaluates the student's ability to demonstrate verbal and non-verbal communication skills needed to have respectful, compassionate, and effective conversations with patients, patients' families, and health professionals to exchange information and make medical decisions.

	60% (Failing)	70% (D+/ C-)	80% (C+/ B)	90% (B+/ A-)	100% (A)	N/A
Listen empathetically and effectively to patients seeking care in cardiothoracic surgery (ICS#1)						
Obtain and document information clearly and accurately at an appropriate level the following types of patient encounters (ICS#2):						
Emergent problem-focused encounters						
Acute problem-focused encounters						
Chronic disease follow-up encounters						
Preoperative encounters						
Intraoperative encounters						
Post-operative encounters						
Communicate information clearly to patients, families, colleagues, and teams as appropriate across a broad range of socioeconomic and cultural backgrounds (ICS#3)						
Facilitate difficult health care conversations in cardiothoracic surgery (ICS#4):						
Utilize shared-decision making to promote patient-centered communication by eliciting and incorporating patient preferences (ICS#5)						
Additional Comments:						

5. Professionalism: This section evaluates the student's ability to demonstrate commitment to carrying out professional responsibilities and adhering to ethical principles and practices.

	60% (Failing)	70% (D+/ C-)	80% (C+/ B)	90% (B+/ A-)	100% (A)
Demonstrate compassion, integrity, and respect for patients seeking care in a cardiothoracic surgery setting (P#1)					
Demonstrate responsiveness to patient needs that supersede self-interest while					

providing care in a cardiothoracic surgery setting (P#2)					
Show accountability to patients, society, and the profession while providing care in a cardiothoracic surgery setting (P#3)					
Demonstrate leadership and advocacy for the PA profession (P#4)					
Additional Comments:					

6. Practice-Based Learning and Proficiency Improvement: This section evaluates the student's ability to acquire, appraise, and apply evidence-based medicine to patient care, and accurately assess and improve clinical performance based on constant self-evaluation and lifelong learning.

	60% (Failing)	70% (D+/ C-)	80% (C+/ B)	90% (B+/ A-)	100% (A)
Seek, implement, and accept feedback (PBLPI#1)					
Reflect on performance to identify strengths and deficiencies in one's knowledge and expertise and develop a plan for self-improvement (PBLPI#2)					
Locate, appraise, and integrate evidence-based studies related to Cardiothoracic Surgery (PBLPI#3)					
Additional Comments:					

7. Systems-Based Practice: This section evaluates the student's ability to engage with other healthcare professionals in a manner that optimizes patient care within the context of the larger healthcare system.

	60% (Failing)	70% (D+/ C-)	80% (C+/ B)	90% (B+/ A-)	100% (A)
Promote a safe environment for patients seeking care in a cardiothoracic surgery setting (SBP#1)					
Demonstrate knowledge of quality improvement methodologies and metrics in cardiothoracic surgery (SBP#2)					
Recognize the unique roles of PAs and those of other healthcare professions in cardiothoracic surgery (SBP#3)					
Work effectively with other health professionals to provide collaborative,					

patient-centered in cardiothoracic surgery (SBP#4)					
Work effectively in an inpatient and operating room health delivery setting (SBP#5)					
Incorporate considerations of cost awareness and funding sources into patients seeking care in a cardiothoracic surgery setting (SBP#6)					
Describe basic health payment systems and practice models for cardiothoracic surgery (SBP#7)					
Additional Comments:					

8. Did the student have any absences during the rotation?
    a. Yes
    b. No
    c. If yes, please indicate dates and reason for absence:
9. Please write a short note commenting on this student's particular strengths.
10. Please write a short note commenting on this student's particular areas for improvement.
11. Was this evaluation discussed with the student?
    a. Yes
    b. No
    c. Additional comments:
12. Preceptor Signature: