Evaluation Form

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CATH Rotation- Faculty of Fellow rev 2020									
Evaluator:									
Evaluation of:									
Date:									
This evaluation uses a 10 point scale that ren	ann narnan niv	, norformanae deceri	ntoro D	loose select the radio	hutton	that most slessly re	floate vous accomment of f	allow nor	formana
This evaluation uses a 10 point scale that range You are encouraged to provide additional feed			of the fo		Subs - Indi	Level 3 stantial competency rect supervision	Level 4 Proficient / Independent competency - ready for autonomous practice		Level 5
Able to perform pre-procedure evaluation, assess appropriateness and plan procedure strategy.		Basic understanding of underpinning concepts and anatomy relevant to the procedure; Demonstrates respect and establishes rapport in patient encounters; Accurately records information in the patient record		Demonstrates knowledge of indications and contraindications for invasive cardiovascular testing; Establishes a therapeutic relationship in routine patient encounters Demonstrates organized diagnostic and therapeutic reasoning through notes in the patient record		Demonstrates knowledge of appropriate selection and use of invasive cardiovascular testing for patients with common cardiovascular disorders Establishes a therapeutic relationship in challenging patient encounters, with guidance; Concisely reports diagnostic and therapeutic reasoning in the patient record	Applies knowledge of appropriate selection and use of cardiovascular testing for patients with complex cardiovascular disorders Independently establishes a therapeutic relationship in challenging pt encounters Independently communicates timely information in a written format and verbally when appropriate		Advances knowledge in indications, contraindicatio and appropriate use for cardiovascular testing Models written communicatio to improve others' performance
	Not Yet Assess	Level 1		Level 2		Level 3	Level 4		Level 5
	Not able to assess	Baseline performance -		ice / early progress ect supervision		stantial competency rect supervision	Proficient / Independent competency - ready for	Adva	anced

	or not applicable for level of training	Direct supervision		▲ Collapse ▲	autonomous practice	
Demonstrates knowledge and understanding of the process of informed consent for cardiac catheterization procedures.		Demonstrates knowledge of care coordination and is understands cath lab consent process	Demonstrates knowledge of indications and contraindications for cardiovascular testing Identifies barriers to effective communication in patient encounters Is able to provide informed consent for common cardiovascular invasive testing, with direct supervision	Demonstrates knowledge of appropriate selection	Independently establishes a therapeutic relationship in challenging patient encounters; Proactively minimizes communication barriers and independently manages personal biases Is able to provide informed consent for common and rare cardiovascular invasive testing, independently	Role models self-awareness to minimize communication barriers
	Not Yet Assess	Level 1	Level 2	Level 3	Level 4	Level 5
	Not able to assess or not applicable for level of training	Baseline performance - Direct supervision	Novice / early progress - Direct supervision	Substantial competency - Indirect supervision	Proficient / Independent competency - ready for autonomous practice	Advanced expertise
				▲ Collapse ▲		
3. Demonstrates understanding of the principles of radiation safety.		Can identify CV tests that involve radiation exposure	Demonstrates basic knowledge of radiation safety protocols, including mechanisms for monitoring patient and provider radiation exposure	Consistently demonstrates adherence to radiation safety protocols Able to explain radiation safety guidelines and reasoning	Able to identify/recognize gaps in radiation safety protocols and offer solutions for mitigation Always wears radiation monitoring device during	Participates in guidelines development for radiation safety improvements Actively coaches others in safety protocols

					required procedures	
	Not Yet					
	Not able to assess or not applicable for level of training	Baseline performance - Direct supervision	Novice / early progress - Direct supervision	Level 3 Substantial competency - Indirect supervision	Proficient / Independent competency - ready for autonomous practice	Advanced expertise
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Demonstrates an understanding of the indications, contraindications and potential complications of cardiac catheterization for assessment of coronary, cardiac valve, myocardial and basic adult congenital heart diseases.		Basic understanding of underpinning concepts Lists a differential diagnosis and therapeutic options for common clinical presentations	Demonstrates knowledge of indications and contraindications for invasive cardiovascular testing Knows the basic measurements obtained from the various cardiovascular invasive testing modalities	Demonstrates knowledge of appropriate selection and use of invasive cardiovascular testing for patients with common cardiovascular disorders Identifies key test findings in common cardiovascular disorders Demonstrates sound judgment	Applies knowledge of appropriate selection and use of invasive cardiovascular testing for patients with complex cardiovascular disorders Identifies key test findings in complex cardiovascular disorders	Advances knowledge in indications, contraindication and appropriate use for invasive cardiovascula testing Advances knowledge in defining the role of invasive cardiovasculatesting
	Not Yet Assess	Level 1	Level 2	Level 3	Level 4	Level 5
	Not able to assess or not applicable for level of training	Baseline performance - Direct supervision	Novice / early progress - Direct supervision	Substantial competency - Indirect supervision	Proficient / Independent competency - ready for autonomous practice	Advanced expertise
				▲ Collapse ▲		
5. Demonstrates knowledge of appropriate use, and understands complications of, contrast agents and the role of renal protection measures.		Basic understanding of underpinning concepts, including general understanding of patients at risk for contrast reactions	Demonstrates knowledge of indications and complications of contrast in common cardiovascular procedures	Demonstrates knowledge of indications and complications of contrast in common and uncommon cardiovascular procedures, along with potential	Applies knowledge of appropriate selection and use of invasive cardiovascular testing and contrast reactions for patients with complex	Advances knowledge in defining the role of contrast agents and renal protection measures in cardiovascula testing

							mechanisms to ameliorate contrast reactions		cardiovascular disorders and always provides appropriate response to the patients' individual risk	r		
	Not Yet											
	Not able to assess or not applicable for level of training	Baseline performance Direct supervision	-		Level 2 ce / early progress ct supervision		Level 3 ubstantial competer adirect supervision	con	Level 4 officient / Independer npetency - ready for onomous practice		dvanced pertise	
							Collapse •					
6. Demonstrates an understanding of the indications for, and the clinical pharmacology of, antiplatelet and anticoagulant drugs, as well as vasopressor and vasodilating agents, used in the cardiac cath laboratory.		Basic understandi of underpinnin concepts of which patients need antiplatelet and anticoagular drugs, as well as vasopressor and vasodilating agents,	g		Demonstrates knowledge of indications and contraindications for antiplatelet and anticoagulant drugs, as well as vasopressor and vasodilating agents, Knows the basic measurements obtained from the various cardiovascular testing modalities that guide use of antiplatelet and anticoagulant drugs, as well as vasopressor and vasodilating agents,		Demonstrate knowledge of appropriate selection and use of antiplatelet and anticoagulan drugs, as well as vasopressor and vasodilating agents, for patients with common cardiovascula disorders;	t	Applies knowledge of appropriate selection and use of antiplatelet and anticoagulant drugs, as well as vasopressor and vasodilating agents for patients with complex cardiovascular disorders;		Advances knowledge in indications, contraindication and appropriate use for cardiovascula testing; Advances knowledge in defining the role of cardiovascula testing	
	Not Yet Assess	Level 1			Level 2		Level 3		Level 4		Level 5	
	Not able to assess	Baseline performance	-	Novice / early progress - Direct supervision		- Ir	Substantial competency - Indirect supervision		Proficient / Independent competency - ready for		Advanced expertise	
7. Demonstrates knowledge of					Б		Expand •					
Demonstrates knowledge of				J								

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principles and interpretation of waveforms, pressure, flow, resistance, and cardiac measurements.

cardiovascular hemodynamics and the

Discusses the key steps and anatomy relevant to the procedure

and manages obtaining cardiovascular hemodynamics and the principles and interpretation of

waveforms, pressure, flow, resistance, and cardiac output

measurements.

with

various

testing

modalities

cardiovascular

direct supervision; Knows the basic measurements obtained from the

Performs Performs some diagnostic elements cardiac catheterization, of diagnostic w/direct cardiac supervision; catheterization, w/direct

Performs

some

elements

selected

common

with

direct

Interprets

and the

principles

and

pressure,

flow,

and cardiac

output

disorders

measurements,

Independently performs supervision; selected common procedures (e.g., pulmonary artery catheter, procedures, arterial and venous

supervision; access); Independently cardiovascular interprets hemodynamics angiographic and hemodynamic data and interpretation integrates with waveforms, other clinical findings resistance for

common

clinical

conditions;

Identifies with supervision; key test findings Identifies in key test complex findings cardiovascular in disorders common cardiovascular

Independently performs diagnostic cardiac catheterization

> Independently interprets angiographic and hemodynamic data and integrates with other clinical findings for complex clinical conditions

Not Yet Assess	Level 1	Level 2	Level 3	Level 4	Level 5
Not able to assess	Baseline performance -	Novice / early progress - Direct supervision	Substantial competency - Indirect supervision	Proficient / Independent competency - ready for	Advanced expertise
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8. Demonstrates knowledge of the characteristic hemodynamic findings with myocardial, valvular, pericardial, and pulmonary vascular diseases.

Basic
understanding
of
underpinning
concepts;

Discusses the key steps and anatomy relevant to the procedure

Knows the basic measurements obtained from the various cardiovascular testing modalities

Identifies key test findings common cardiovascular disorders: Interprets

Independently angiographic interprets and angiographic hemodynamic and hemodynamic data, with data and integrates supervision with other clinical findings

Identifies

key test

findings

complex

disorders:

for common

clinical

conditions

cardiovascular

Advances knowledge defining the role of cardiovascular testing Independently

interprets angiographic and hemodynamic data and integrates with other clinical findings for complex

clinical conditions

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	Not Yet Assess Not able to assess or not applicable for level	Level 1 Baseline performance - Direct supervision	Level 2 Novice / early progress - Direct supervision	Level 3 Substantial competency - Indirect supervision	Level 4 Proficient / Independent competency - ready for autonomous practice	Level 5 Advanced expertise	
	of training						
Possesses knowledge of coronary anatomy, its variations & congenital abnormalities and coronary blood flow physiology.		Discusses the key steps and anatomy relevant to the procedure	Recognizes normal coronary anatomy and standard angiographic views.	Recognized abnormal coronary anatomy, including common variants Performs some elements of selected coronary physiologic assessments, w/direct supervision; Interprets angiographic and hemodynamic data, w/supervision	Independently interprets angiographic and hemodynamic data and integrates with other clinical findings for common clinical conditions	Independen interprets angiographic and hemodynam data and integrates with other clinical findings for complex clinical conditions	
	Not Yet Assess	Level 1	Level 2	Level 3	Level 4	Level 5	
	Not able to assess or not applicable for level of training	Baseline performance - Direct supervision	Novice / early progress - Direct supervision	Substantial competency - Indirect supervision	Proficient / Independent competency - ready for autonomous practice	Advanced expertise	
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10. Demonstrates knowledge of the angiographic features of coronary artery disease and how to assess the anatomic and physiologic severity.		Discusses the key steps and anatomy relevant to the procedure. Can differentiate gross abnormalities on coronary anatomy	Recognizes normal coronary anatomy and standard angiographic views Knows the basic assessment of severity of coronary angiographic stenoses	Interprets angiographic and physiologic severity data (FFR), w/supervision Identifies key test findings in common cardiovascular disorders	Applies knowledge of appropriate selection and use of angiographic and hemodynamic data and integrates with other clinical findings for complex clinical conditions Identifies key test findings	Independent interprets angiographic and hemodyname data and integrates with other clinical findings for complex/clir conditions Advances knowledge in the indications, contraindice and/or appropriate use of	

					in complex cardiovascular disorders	angiographic/f data
	Not Yet Assess	Level 1	Level 2	Level 3	Level 4	Level 5
	Not able to assess or not applicable for level of training	Baseline performance - Direct supervision	Novice / early progress - Direct supervision	Substantial competency - Indirect supervision	Proficient / Independent competency - ready for autonomous practice	Advanced expertise
11. Demonstrates knowledge of the indications/contraindications and potential complications for percutaneous coronary, valvular, and structural heart interventions.		Basic understanding of underpinning concepts and anatomy relevant to the procedure. Basic understanding of indications/contrai for PCI and structural heart interventions	Demonstrates knowledge and indications for selection of PCI and structural heart interventions	Demonstrates knowledge and appropriate selection and us of PCI and structural heart interventions for patients with common cardiovascular conditions Identifies key test findings in common cardiovascular disorders	Demonstrates knowledge and appropriate selection and us of PCI and structural heart interventions for patients with common cardiovascular conditions Identifies key test findings in complex cardiovascular disorders	Advances knowledge in indications, contraindication and appropriate use for cardiovascular testing; Advances knowledge in defining the role of cardiovascular testing
	Not Yet					
	Not able to assess or not applicable for level of training	Baseline performance - Direct supervision	Novice / early progress - Direct supervision	Substantial competency - Indirect supervision	Proficient / Independent competency - ready for autonomous practice	Advanced expertise
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12. Level of competence for venous and arterial access and closure.		Discusses the key steps and anatomy relevant to the procedure; Acknowledges limits and gaps between expectations and performance; demonstrates	Obtains and manages vascular access under direct supervision with substantial guidance required; Demonstrates openness to feedback and	Competently obtains and manages vascular access with minimal guidance; Seeks feedback and performance data, as appropriate, with adaptability	Independently obtains and manages vascular access	Capable of analyzing others' procedural performance and providing expert instruction to bring them to competency

		self- awareness		performance data		and humility				
	Not Yet Assess	Level 1		Level 2		Level 3		Level 4		Level 5
	Not able to assess or not applicable for level of training	Baseline performance - Direct supervision		vice / early progress ect supervision		ostantial competency direct supervision	com	icient / Independent petency - ready for nomous practice	Adva expe	anced tise
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13. Level of competence to perform diagnostic left heart catheterization, ventriculography and coronary angiography.		Discusses the key steps and anatomy relevant to the procedure; Acknowledges limits and gaps between expectations and performance; demonstrates self-awareness		Obtains and manages vascular access, with direct supervision; Recognizes normal coronary anatomy and standard angiographic views; Demonstrates openness to feedback and performance data		Performs some elements of diagnostic cardiac catheterization, w/direct supervision; Performs some elements of selected common procedures, w/direct supervision; Interprets angiographic and hemodynamic data, w/supervision; Seeks feedback and performance data, as necessary, with adaptability and humility		Performs diagnostic cardiac catheterization, w/direct supervision; Independently performs selected common procedures (e.g., pulmonary artery catheter, temporary pacing wire, arterial and venous access); Independently interprets angiographic and hemodynamic data and integrates with other clinical findings for common clinical conditions		Independently performs diagnostic cardiac catheterizatio Independently interprets angiographic and hemodynamic data and integrates with other clinical findings for complex clinical conditions
	Not Yet									
	Assess	Level 1		Level 2		Level 3		Level 4		Level 5
	Not able to assess or not applicable for level of training	Baseline performance - Direct supervision		vice / early progress ect supervision		ostantial competency direct supervision	com	icient / Independent petency - ready for nomous practice	Adva	anced tise
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14. Level of competence to perform right heart catheterization		Discusses the key steps and anatomy relevant		Obtains and manages vascular access, with		Performs some elements of the right heart		Performs right heart catheterization, with direct		Independently performs right heart catheterizatio

		to the procedure Acknowledges limits and gaps between expectation and performance; demonstrates self-awareness		direct supervision Recognizes normal coronary anatomy and standard angiographic views Demonstrates openness to feedback and performance data		catheterization, with direct supervision; Interprets hemodynamic data, with supervision	supervision Independently interprets hemodynamic data and integrates with other clinical findings for common clinical conditions	Independently interprets hemodynamic data and integrates with other clinical findings for complex clinical conditions
	Not Vot							
	Not Yet Assess	Level 1		Level 2		Level 3	Level 4	Level 5
	Not able to assess or not applicable for level of training	Baseline performance - Direct supervision		ice / early progress ect supervision		stantial competency rect supervision	Proficient / Independent competency - ready for autonomous practice	Advanced expertise
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15. Level of competence for performing endomyocardial biopsy.		Discusses the key steps and anatomy relevant to the procedure; Acknowledges limits and gaps between expectations and performance; demonstrates self-awareness		Performs some elements of procedure w/direct supervision and substantial guidance required; Demonstrates openness to feedback and performance data		Competently performs procedure w/minimal guidance; Seeks feedback and performance data, as appropriate, with adaptability and humility	Independently performs procedure	Capable of independent performance and competently instructing others in procedural performance with high level of expertise
	Not Yet							
	Assess	Level 1		Level 2		Level 3	Level 4	Level 5
	Not able to assess or not applicable for level of training	Baseline performance - Direct supervision		ice / early progress ect supervision		stantial competency rect supervision	Proficient / Independent competency - ready for autonomous practice	Advanced expertise
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16. Level of competence to perform pericardiocentesis.		Discusses the key steps and anatomy relevant to the procedure;	1	Performs some elements of procedure w/direct supervision and		Competently performs procedure w/minimal guidance; Seeks feedback	Independently performs procedure	Capable of analyzing others' procedural performance and providing

2/2022			Evaluation Form	n - MedHub			
		Acknowledges limits and gaps between expectations and performance; demonstrates self-awareness	substantial guidance required; Demonstrates openness to feedback and performance data	and performanc data, as apprpriate, with adaptability and humility			expert instruction to bring them to competency
	or not	Level 1 Baseline performance - Direct supervision	Level 2 Novice / early progress - Direct supervision	Level 3 Substantial compet - Indirect supervision	n compe	Level 4 cient / Independent etency - ready for omous practice	Level 5 Advanced expertise
17. Transitions patients from cath lab to other health care delivery systems		Demonstrates knowledge of care coordination; Identifies key elements for effective transitions of care; Uses language that values all members of the health care team	Coordinates care of patients in routine clinical situations, effectively using the roles of the interprofessional teams; Performs effective transitions of care in routine clinical situations; Communicates information effectively with all health care team members; Identifies appropriate communication channels (e.g., cell phone/ pager usage, medical record, email) as required	Coordinate care of patients in complex clinical situations, effectively using the roles of their interprofess teams; Performs effective transitions of care in complex clinical situations; Adapts communical situations; Concisely reports diagnostic and therapeutic reasoning in the patient record	sional	Role models effective coordination of patient-centered care among different disciplines and specialties; Role models and advocates for effective transitions of care within and across health care delivery systems; Coordinates recommendations from different members of the health care team to optimize patient care; Independently communicates timely information in a written format and verbally	Analyses the process of care coordination and leads in the design and implementati of improvement Improves quality of transitions of care within and across healthcare delivery systems to optimize patient outcomes; Role models flexible communicati strategies; Models written communicati to improve others' performance