

Area 4 Assessment and Diagnostics

	EMR	PCP	ACP	CCP
GENERAL COMPETENCY 4.1 Conduct triage.				
SPECIFIC COMPETENCY	SUB COMPETENCIES			
4.1.a Rapidly assess a scene based on the principles of a triage system.	S	S	S	S
	Discuss triage.	Discuss triage.	Discuss triage.	Discuss triage.
	Identify circumstances under which triage is required.	Identify circumstances under which triage is required.	Identify circumstances under which triage is required.	Identify circumstances under which triage is required.
		Evaluate a triage system.	Evaluate a triage system.	Evaluate a triage system.
	Apply the equipment and materials used to sort victims.	Apply the equipment and materials used to sort victims.	Apply the equipment and materials used to sort victims.	Apply the equipment and materials used to sort victims.
	Perform scene assessments based on a triage system.	Perform scene assessments based on a triage system.	Perform scene assessments based on a triage system.	Perform scene assessments based on a triage system.
	Communicate with allied health providers during a scenario.	Communicate with allied health providers during a scenario.	Communicate with allied health providers during a scenario.	Communicate with allied health providers during a scenario.
		Adapt triage decision making processes.	Adapt triage decision making processes.	Adapt triage decision making processes.
4.1.b Assume different roles in a mass casualty incident.	A	A	A	A
	Identify the prehospital roles involved when managing a mass casualty incident.	Distinguish between the prehospital roles involved when managing a mass casualty incident.	Distinguish between the prehospital roles involved when managing a mass casualty incident.	Distinguish between the prehospital roles involved when managing a mass casualty incident.
	Describe the principal responsibilities of each role.	Describe the principal responsibilities of each role.	Describe the principal responsibilities of each role.	Describe the principal responsibilities of each role.

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4.1.c Manage a mass casualty incident.	A	A	A	A
	Apply management principles to a mass casualty incident.	Apply management principles to a mass casualty incident.	Apply management principles to a mass casualty incident.	Apply management principles to a mass casualty incident.
	Modify procedures to meet the needs of a specific incident.	Modify procedures to meet the needs of a specific incident.	Modify procedures to meet the needs of a specific incident.	Modify procedures to meet the needs of a specific incident.
GENERAL COMPETENCY 4.2 Obtain patient history.				
SPECIFIC COMPETENCY	SUB COMPETENCIES			
4.2.a Obtain list of patient's allergies.	S	P	P	P
	List common examples of allergens.	List common examples of allergens.	List common examples of allergens.	List common examples of allergens.
	Describe how an allergen can affect individuals.	Describe how an allergen can affect individuals.	Describe how an allergen can affect individuals.	Describe how an allergen can affect individuals.
	Evaluate how information about an allergy will affect patient care.	Evaluate how information about an allergy will affect patient care.	Evaluate how information about an allergy will affect patient care.	Evaluate how information about an allergy will affect patient care.
	Demonstrate the skill of obtaining information about allergies into history gathering procedures.	Integrate the skill of obtaining information about allergies into history gathering procedures.	Integrate the skill of obtaining information about allergies into history gathering procedures.	Integrate the skill of obtaining information about allergies into history gathering procedures.
4.2.b Obtain list of patient's medications.	S	P	P	P
	List methods of discovering a patient's list of medications.	List methods of discovering a patient's list of medications.	List methods of discovering a patient's list of medications.	List methods of discovering a patient's list of medications.
		Describe relationship of medication to patient history.	Evaluate relationship of medication to patient history.	Evaluate relationship of medication to patient history.

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	Demonstrate the skill of obtaining a list of medications into history gathering procedures.	Integrate the skill of obtaining a list of medications into history gathering procedures.	Integrate the skill of obtaining a list of medications into history gathering procedures.	Integrate the skill of obtaining a list of medications into history gathering procedures.
4.2.c Obtain chief complaint and / or incident history from patient, family members and / or bystanders.	S	P	P	P
	List methods of discovering an incident history.	Describe methods of discovering an incident history.	Describe methods of discovering an incident history.	Describe methods of discovering an incident history.
	Describe common components of an incident history.	Describe common components of an incident history.	Describe common components of an incident history.	Describe common components of an incident history.
	Demonstrate the skill of obtaining incident history into the overall patient assessment.	Integrate the skill of obtaining incident history into the overall patient assessment.	Integrate the skill of obtaining incident history into the overall patient assessment.	Integrate the skill of obtaining incident history into the overall patient assessment.
	Adapt interview techniques to the incident history findings.	Adapt interview techniques to the incident history findings.	Adapt interview techniques to the incident history findings.	Adapt interview techniques to the incident history findings.
	Integrate incident history information into patient care procedures.	Integrate incident history information into patient care procedures.	Integrate incident history information into patient care procedures.	Integrate incident history information into patient care procedures.
4.2.d Obtain information regarding patient's past medical history.	S	P	P	P
	List methods of discovering a patient's medical history.	List methods of discovering a patient's medical history.	List methods of discovering a patient's medical history.	List methods of discovering a patient's medical history.
	Describe common components of a complete medical history.	Describe common components of a complete medical history.	Describe common components of a complete medical history.	Describe common components of a complete medical history.

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	Demonstrate the skill of obtaining medical history into the overall patient assessment.	Integrate the skill of obtaining medical history into the overall patient assessment.	Integrate the skill of obtaining medical history into the overall patient assessment.	Integrate the skill of obtaining medical history into the overall patient assessment.
	Demonstrate interview techniques appropriate to the medical history findings.	Adapt interview techniques to the medical history findings.	Adapt interview techniques to the medical history findings.	Adapt interview techniques to the medical history findings.
	Integrate medical history information into patient care procedures.	Integrate medical history information into patient care procedures.	Integrate medical history information into patient care procedures.	Integrate medical history information into patient care procedures.
4.2.e Obtain information about patient's last oral intake.	S	P	P	P
	List situations when information about a patient's last oral intake may be required.	List situations when information about a patient's last oral intake may be required.	List situations when information about a patient's last oral intake may be required.	List situations when information about a patient's last oral intake may be required.
	List methods of discovering information regarding last oral intake.	List methods of discovering information regarding last oral intake.	List methods of discovering information regarding last oral intake.	List methods of discovering information regarding last oral intake.
	Demonstrate the skill of obtaining information regarding last oral intake into the overall patient assessment.	Integrate the skill of obtaining information regarding last oral intake into the overall patient assessment.	Integrate the skill of obtaining information regarding last oral intake into the overall patient assessment.	Integrate the skill of obtaining information regarding last oral intake into the overall patient assessment.

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	EMR	PCP	ACP	CCP
4.2.f Obtain information regarding incident through accurate and complete scene assessment.	S	P	P	P
	List methods of discovering incident information.	Describe methods of discovering incident information.	Describe methods of discovering incident information.	Describe methods of discovering incident information.
	Demonstrate the skill of obtaining incident information into the overall scene assessment.	Integrate the skill of obtaining incident information into the overall scene assessment.	Integrate the skill of obtaining incident information into the overall scene assessment.	Integrate the skill of obtaining incident information into the overall scene assessment.
	Adapt scene management from information gained during continuous scene assessment.	Adapt scene management from information gained during continuous scene assessment.	Adapt scene management from information gained during continuous scene assessment.	Adapt scene management from information gained during continuous scene assessment.
	Integrate incident information into patient care procedures.	Integrate incident information into patient care procedures.	Integrate incident information into patient care procedures.	Integrate incident information into patient care procedures.
GENERAL COMPETENCY 4.3 Conduct complete physical assessment demonstrating appropriate use of inspection, palpation, percussion and auscultation, and interpret findings.				
SPECIFIC COMPETENCY	SUB COMPETENCIES			
4.3.a Conduct primary patient assessment and interpret findings.	S	P	P	P
	Explain primary assessment.	Explain primary assessment.	Explain primary assessment.	Explain primary assessment.
	Distinguish between trauma assessment and primary medical assessment.	Distinguish between trauma assessment and primary medical assessment.	Distinguish between trauma assessment and primary medical assessment.	Distinguish between trauma assessment and primary medical assessment.
	Evaluate life threatening findings from primary assessment.	Evaluate life threatening findings from primary assessment.	Evaluate life threatening findings from primary assessment.	Evaluate life threatening findings from primary assessment.

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	Apply appropriate sequential techniques for primary assessment.	Apply appropriate sequential techniques for primary assessment.	Apply appropriate sequential techniques for primary assessment.	Apply appropriate sequential techniques for primary assessment.
	Apply primary assessment to different age groups.	Apply primary assessment to different age groups.	Apply primary assessment to different age groups.	Apply primary assessment to different age groups.
	Demonstrate techniques for primary assessment.	Perform techniques for primary assessment.	Perform techniques for primary assessment.	Perform techniques for primary assessment.
	Adapt assessment techniques to primary assessment findings.	Adapt assessment techniques to primary assessment findings.	Adapt assessment techniques to primary assessment findings.	Adapt assessment techniques to primary assessment findings.
		Analyze initial assessments to determine patient's level of distress and severity of illness or injury.	Analyze initial assessments to determine patient's level of distress and severity of illness or injury.	Analyze initial assessments to determine patient's level of distress and severity of illness or injury.
	Perform procedures to address problems found in the primary assessment.	Infer a provisional diagnosis.	Infer a provisional diagnosis.	Infer a provisional diagnosis.
4.3.b Conduct secondary patient assessment and interpret findings.	S	P	P	P
	Explain secondary assessment.	Explain secondary assessment.	Explain secondary assessment.	Explain secondary assessment.
	Distinguish between trauma assessment and secondary medical assessment.	Distinguish between trauma assessment and secondary medical assessment.	Distinguish between trauma assessment and secondary medical assessment.	Distinguish between trauma assessment and secondary medical assessment.
	Evaluate life threatening findings from secondary assessment.	Evaluate life threatening findings from secondary assessment.	Evaluate life threatening findings from secondary assessment.	Evaluate life threatening findings from secondary assessment.

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	EMR	PCP	ACP	CCP
	Apply appropriate sequential techniques for secondary assessment.	Apply appropriate sequential techniques for secondary assessment.	Apply appropriate sequential techniques for secondary assessment.	Apply appropriate sequential techniques for secondary assessment.
	Apply secondary assessment to different age groups.	Apply secondary assessment to different age groups.	Apply secondary assessment to different age groups.	Apply secondary assessment to different age groups.
	Demonstrate techniques for secondary assessment.	Perform techniques for secondary assessment.	Perform techniques for secondary assessment.	Perform techniques for secondary assessment.
	Adapt assessment techniques to secondary assessment findings.	Adapt assessment techniques to secondary assessment findings.	Adapt assessment techniques to secondary assessment findings.	Adapt assessment techniques to secondary assessment findings.
	Perform procedures to address problems found in the secondary assessment.	Infer a provisional diagnosis.	Infer a provisional diagnosis.	Infer a provisional diagnosis.
4.3.c Conduct cardiovascular system assessment and interpret findings.	S	P	P	P
	Describe the pathophysiology of specific cardiovascular illnesses and injuries listed in Appendix 4A.	Explain the pathophysiology of specific cardiovascular illnesses and injuries listed in Appendix 4B.	Explain the pathophysiology of specific cardiovascular illnesses and injuries listed in Appendix 4C.	Explain the pathophysiology of specific cardiovascular illnesses and injuries listed in Appendix 4C.
	Apply assessment techniques specific to the cardiovascular system.	Apply assessment techniques specific to the cardiovascular system.	Apply assessment techniques specific to the cardiovascular system.	Apply assessment techniques specific to the cardiovascular system.

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		Evaluate findings related to the etiology, pathophysiology and manifestations of the cardiovascular illnesses and injuries listed in Appendix 4B.	Evaluate findings related to the etiology, pathophysiology and manifestations of the cardiovascular illnesses and injuries listed in Appendix 4C.	Evaluate findings related to the etiology, pathophysiology and manifestations of the cardiovascular illnesses and injuries listed in Appendix 4C.
	Demonstrate assessment techniques for cardiovascular illnesses and injuries.	Perform assessment techniques for cardiovascular illnesses and injuries.	Perform assessment techniques for cardiovascular illnesses and injuries.	Perform assessment techniques for cardiovascular illnesses and injuries.
	Adapt assessment techniques to cardiovascular history findings.	Adapt assessment techniques to cardiovascular history findings.	Adapt assessment techniques to cardiovascular history findings.	Adapt assessment techniques to cardiovascular history findings.
4.3.d Conduct neurological system assessment and interpret findings.	S	P	P	P
	Describe the pathophysiology of specific neurological illnesses and injuries listed in Appendix 4A.	Explain the pathophysiology of specific neurological illnesses and injuries listed in Appendix 4B.	Explain the pathophysiology of specific neurological illnesses and injuries listed in Appendix 4C.	Explain the pathophysiology of specific neurological illnesses and injuries listed in Appendix 4C.
	Apply assessment techniques specific to the neurological system.	Apply assessment techniques specific to the neurological system.	Apply assessment techniques specific to the neurological system.	Apply assessment techniques specific to the neurological system.
		Evaluate findings related to the etiology, pathophysiology and manifestations of the neurological illnesses and injuries listed in Appendix 4B.	Evaluate findings related to the etiology, pathophysiology and manifestations of the neurological illnesses and injuries listed in Appendix 4C.	Evaluate findings related to the etiology, pathophysiology and manifestations of the neurological illnesses and injuries listed in Appendix 4C.

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	Demonstrate assessment techniques for neurological illnesses and injuries.	Perform assessment techniques for neurological illnesses and injuries.	Perform assessment techniques for neurological illnesses and injuries.	Perform assessment techniques for neurological illnesses and injuries.
	Adapt assessment techniques to neurological history findings.	Adapt assessment techniques to neurological history findings.	Adapt assessment techniques to neurological history findings.	Adapt assessment techniques to neurological history findings.
4.3.e Conduct respiratory system assessment and interpret findings.	S	P	P	P
	Describe the pathophysiology of specific respiratory illnesses and injuries listed in Appendix 4A.	Explain the pathophysiology of specific respiratory illnesses and injuries listed in Appendix 4B.	Explain the pathophysiology of specific respiratory illnesses and injuries listed in Appendix 4C.	Explain the pathophysiology of specific respiratory illnesses and injuries listed in Appendix 4C.
	Apply assessment techniques specific to the respiratory system.	Apply assessment techniques specific to the respiratory system.	Apply assessment techniques specific to the respiratory system.	Apply assessment techniques specific to the respiratory system.
		Evaluate findings related to the etiology, pathophysiology and manifestations of the respiratory illnesses and injuries listed in Appendix 4B.	Evaluate findings related to the etiology, pathophysiology and manifestations of the respiratory illnesses and injuries listed in Appendix 4C.	Evaluate findings related to the etiology, pathophysiology and manifestations of the respiratory illnesses and injuries listed in Appendix 4C.
			Evaluate significance of normal and adventitious breath sounds identified on auscultation.	Evaluate significance of normal and adventitious breath sounds identified on auscultation.
	Demonstrate assessment techniques for respiratory illnesses and injuries.	Perform assessment techniques for respiratory illnesses and injuries.	Perform assessment techniques for respiratory illnesses and injuries.	Perform assessment techniques for respiratory illnesses and injuries.

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	Adapt assessment techniques to respiratory history findings.	Adapt assessment techniques to respiratory history findings.	Adapt assessment techniques to respiratory history findings.	Adapt assessment techniques to respiratory history findings.
4.3.f Conduct obstetrical assessment and interpret findings.	A	S	C	C
	Describe the pathophysiology of specific illnesses and injuries to the female reproductive system listed in Appendix 4A.	Explain the pathophysiology of specific illnesses and injuries to the female reproductive system listed in Appendix 4B.	Explain the pathophysiology of specific illnesses and injuries to the female reproductive system listed in Appendix 4C.	Explain the pathophysiology of specific illnesses and injuries to the female reproductive system listed in Appendix 4C.
	Apply assessment techniques specific to the obstetrical patient.	Apply assessment techniques specific to the obstetrical patient.	Apply assessment techniques specific to the obstetrical patient.	Apply assessment techniques specific to the obstetrical patient.
		Evaluate findings related to the etiology, pathophysiology and manifestations of the illnesses and injuries of the female reproductive system listed in Appendix 4B.	Evaluate findings related to the etiology, pathophysiology and manifestations of the illnesses and injuries of the female reproductive system listed in Appendix 4C.	Evaluate findings related to the etiology, pathophysiology and manifestations of the illnesses and injuries of the female reproductive system listed in Appendix 4C.
		Demonstrate assessment techniques for obstetrical-related illnesses and injuries.	Perform assessment techniques for obstetrical-related illnesses and injuries.	Perform assessment techniques for obstetrical-related illnesses and injuries.
		Adapt assessment techniques to obstetrical history findings.	Adapt assessment techniques to obstetrical history findings.	Adapt assessment techniques to obstetrical history findings.

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4.3.g Conduct gastrointestinal system assessment and interpret findings.	S	S	P	P
	Describe the pathophysiology of specific gastrointestinal system illnesses and injuries listed in Appendix 4A.	Explain the pathophysiology of specific gastrointestinal illnesses and injuries listed in Appendix 4B.	Explain the pathophysiology of specific gastrointestinal illnesses and injuries listed in Appendix 4C.	Explain the pathophysiology of specific gastrointestinal illnesses and injuries listed in Appendix 4C.
	Apply assessment techniques specific to the gastrointestinal system.	Apply assessment techniques specific to the gastrointestinal system.	Apply assessment techniques specific to the gastrointestinal system.	Apply assessment techniques specific to the gastrointestinal system.
		Evaluate findings related to the etiology, pathophysiology and manifestations of the gastrointestinal illnesses and injuries listed in Appendix 4B.	Evaluate findings related to the etiology, pathophysiology and manifestations of the gastrointestinal illnesses and injuries listed in Appendix 4C.	Evaluate findings related to the etiology, pathophysiology and manifestations of the gastrointestinal illnesses and injuries listed in Appendix 4C.
	Demonstrate assessment techniques for gastrointestinal illnesses and injuries.	Demonstrate assessment techniques for gastrointestinal illnesses and injuries.	Perform assessment techniques for gastrointestinal illnesses and injuries.	Perform assessment techniques for gastrointestinal illnesses and injuries.
	Adapt assessment techniques to gastrointestinal history findings.	Adapt assessment techniques to gastrointestinal history findings.	Adapt assessment techniques to gastrointestinal history findings.	Adapt assessment techniques to gastrointestinal history findings.

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4.3.h Conduct genitourinary system assessment and interpret findings.	A	S	P	P
	Describe the pathophysiology of specific genitourinary illnesses and injuries listed in Appendix 4A.	Explain the pathophysiology of specific genitourinary illnesses and injuries listed in Appendix 4B.	Explain the pathophysiology of specific genitourinary illnesses and injuries listed in Appendix 4C.	Explain the pathophysiology of specific genitourinary illnesses and injuries listed in Appendix 4C.
	Apply assessment techniques specific to the genitourinary system.	Apply assessment techniques specific to the genitourinary system.	Apply assessment techniques specific to the genitourinary system.	Apply assessment techniques specific to the genitourinary system.
		Evaluate findings related to the etiology, pathophysiology and manifestations of the genitourinary illnesses and injuries listed in Appendix 4B.	Evaluate findings related to the etiology, pathophysiology and manifestations of the genitourinary illnesses and injuries listed in Appendix 4C.	Evaluate findings related to the etiology, pathophysiology and manifestations of the genitourinary illnesses and injuries listed in Appendix 4C.
		Demonstrate assessment techniques for genitourinary illnesses and injuries.	Perform assessment techniques for genitourinary illnesses and injuries.	Perform assessment techniques for genitourinary illnesses and injuries.
		Adapt assessment techniques to genitourinary history findings.	Adapt assessment techniques to genitourinary history findings.	Adapt assessment techniques to genitourinary history findings.
4.3.i Conduct integumentary system assessment and interpret findings.	S	S	S	C
	Describe the pathophysiology of specific integumentary illnesses and injuries listed in Appendix 4A.	Explain the pathophysiology of specific integumentary illnesses and injuries listed in Appendix 4B.	Explain the pathophysiology of specific integumentary illnesses and injuries listed in Appendix 4C.	Explain the pathophysiology of specific integumentary illnesses and injuries listed in Appendix 4C.

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	Apply assessment techniques specific to the integumentary system.	Apply assessment techniques specific to the integumentary system.	Apply assessment techniques specific to the integumentary system.	Apply assessment techniques specific to the integumentary system.
		Evaluate findings related to the etiology, pathophysiology and manifestations of the integumentary illnesses and injuries listed in Appendix 4B.	Evaluate findings related to the etiology, pathophysiology and manifestations of the integumentary illnesses and injuries listed in Appendix 4C.	Evaluate findings related to the etiology, pathophysiology and manifestations of the integumentary illnesses and injuries listed in Appendix 4C.
	Demonstrate assessment techniques for integumentary illnesses and injuries.	Demonstrate assessment techniques for integumentary illnesses and injuries.	Demonstrate assessment techniques for integumentary illnesses and injuries.	Perform assessment techniques for integumentary illnesses and injuries.
	Adapt assessment techniques to integumentary history findings.	Adapt assessment techniques to integumentary history findings.	Adapt assessment techniques to integumentary history findings.	Adapt assessment techniques to integumentary history findings.
4.3.j Conduct musculoskeletal assessment and interpret findings.	S	P	P	P
	Describe the pathophysiology of specific musculoskeletal illnesses and injuries listed in Appendix 4A.	Explain the pathophysiology of specific musculoskeletal illnesses and injuries listed in Appendix 4B.	Explain the pathophysiology of specific musculoskeletal illnesses and injuries listed in Appendix 4C.	Explain the pathophysiology of specific musculoskeletal illnesses and injuries listed in Appendix 4C.
	Apply assessment techniques specific to the musculoskeletal system.	Apply assessment techniques specific to the musculoskeletal system.	Apply assessment techniques specific to the musculoskeletal system.	Apply assessment techniques specific to the musculoskeletal system.

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		Evaluate findings related to the etiology, pathophysiology and manifestations of the musculoskeletal illnesses and injuries listed in Appendix 4B.	Evaluate findings related to the etiology, pathophysiology and manifestations of the musculoskeletal illnesses and injuries listed in Appendix 4C.	Evaluate findings related to the etiology, pathophysiology and manifestations of the musculoskeletal illnesses and injuries listed in Appendix 4C.
	Demonstrate assessment techniques for musculoskeletal illnesses and injuries.	Perform assessment techniques for musculoskeletal illnesses and injuries.	Perform assessment techniques for musculoskeletal illnesses and injuries.	Perform assessment techniques for musculoskeletal illnesses and injuries.
	Adapt assessment techniques to musculoskeletal history findings.	Adapt assessment techniques to musculoskeletal history findings.	Adapt assessment techniques to musculoskeletal history findings.	Adapt assessment techniques to musculoskeletal history findings.
4.3.k Conduct assessment of the immune system and interpret findings.	S	P	P	P
	Describe the pathophysiology of specific immune system illnesses and injuries listed in Appendix 4A.	Explain the pathophysiology of specific immune system illnesses and injuries listed in Appendix 4B.	Explain the pathophysiology of specific immune system illnesses and injuries listed in Appendix 4C.	Explain the pathophysiology of specific immune system illnesses and injuries listed in Appendix 4C.
	Apply assessment techniques specific to the immune system.	Apply assessment techniques specific to the immune system.	Apply assessment techniques specific to the immune system.	Apply assessment techniques specific to the immune system.
		Evaluate findings related to the etiology, pathophysiology and manifestations of the immune system illnesses and injuries listed in Appendix 4B.	Evaluate findings related to the etiology, pathophysiology and manifestations of the immune system illnesses and injuries listed in Appendix 4C.	Evaluate findings related to the etiology, pathophysiology and manifestations of the immune system illnesses and injuries listed in Appendix 4C.

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	Demonstrate assessment techniques for immune system illnesses and injuries.	Perform assessment techniques for immune system illnesses and injuries.	Perform assessment techniques for immune system illnesses and injuries.	Perform assessment techniques for immune system illnesses and injuries.
	Adapt assessment techniques to immune system history findings.	Adapt assessment techniques to immune system history findings.	Adapt assessment techniques to immune system history findings.	Adapt assessment techniques to immune system history findings.
4.3.I Conduct assessment of the endocrine system and interpret findings.	S	P	P	P
	Describe the pathophysiology of specific endocrine system illnesses and injuries listed in Appendix 4A.	Explain the pathophysiology of specific endocrine system illnesses and injuries listed in Appendix 4B.	Explain the pathophysiology of specific endocrine system illnesses and injuries listed in Appendix 4C.	Explain the pathophysiology of specific endocrine system illnesses and injuries listed in Appendix 4C.
	Apply assessment techniques specific to the endocrine system.	Apply assessment techniques specific to the endocrine system.	Apply assessment techniques specific to the endocrine system.	Apply assessment techniques specific to the endocrine system.
		Evaluate findings related to the etiology, pathophysiology and manifestations of the endocrine system illnesses and injuries listed in Appendix 4B.	Evaluate findings related to the etiology, pathophysiology and manifestations of the endocrine system illnesses and injuries listed in Appendix 4C.	Evaluate findings related to the etiology, pathophysiology and manifestations of the endocrine system illnesses and injuries listed in Appendix 4C.
	Demonstrate assessment techniques for endocrine system illnesses and injuries.	Perform assessment techniques for endocrine system illnesses and injuries.	Perform assessment techniques for endocrine system illnesses and injuries.	Perform assessment techniques for endocrine system illnesses and injuries.
	Adapt assessment techniques to endocrine system history findings.	Adapt assessment techniques to endocrine system history findings.	Adapt assessment techniques to endocrine system history findings.	Adapt assessment techniques to endocrine system history findings.

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4.3.m Conduct assessment of the ears, eyes, nose and throat and interpret findings.	S	S	S	S
	Describe the pathophysiology of specific illnesses and injuries to the ears, eyes, nose and throat listed in Appendix 4A.	Explain the pathophysiology of specific illnesses and injuries to the ears, eyes, nose and throat listed in Appendix 4B.	Explain the pathophysiology of specific illnesses and injuries to the ears, eyes, nose and throat listed in Appendix 4C.	Explain the pathophysiology of specific illnesses and injuries to the ears, eyes, nose and throat listed in Appendix 4C.
	Apply assessment techniques specific to the ears, eyes, nose and throat.	Apply assessment techniques specific to the ears, eyes, nose and throat.	Apply assessment techniques specific to the ears, eyes, nose and throat.	Apply assessment techniques specific to the ears, eyes, nose and throat.
		Evaluate findings related to the etiology, pathophysiology and manifestations of the illnesses and injuries of the ears, eyes, nose and throat listed in Appendix 4B.	Evaluate findings related to the etiology, pathophysiology and manifestations of the illnesses and injuries of the ears, eyes, nose and throat listed in Appendix 4C.	Evaluate findings related to the etiology, pathophysiology and manifestations of the illnesses and injuries of the ears, eyes, nose and throat listed in Appendix 4C.
	Demonstrate assessment techniques for illnesses and injuries to the ears, eyes, nose and throat.	Demonstrate assessment techniques for illnesses and injuries to the ears, eyes, nose and throat.	Demonstrate assessment techniques for illnesses and injuries to the ears, eyes, nose and throat.	Demonstrate assessment techniques for illnesses and injuries to the ears, eyes, nose and throat.
	Adapt assessment techniques to ears, eyes, nose and throat history findings.	Adapt assessment techniques to ears, eyes, nose and throat history findings.	Adapt assessment techniques to ears, eyes, nose and throat history findings.	Adapt assessment techniques to ears, eyes, nose and throat history findings.

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4.3.n Conduct multisystem assessment and interpret findings.	S	P	P	P
	Describe the pathophysiology of specific multisystem illnesses and injuries listed in Appendix 4A.	Explain the pathophysiology of specific multisystem illnesses and injuries listed in Appendix 4B.	Explain the pathophysiology of specific multisystem illnesses and injuries listed in Appendix 4C.	Explain the pathophysiology of specific multisystem illnesses and injuries listed in Appendix 4C.
	Apply techniques specific to multisystem assessments.	Apply techniques specific to multisystem assessments.	Apply techniques specific to multisystem assessments.	Apply techniques specific to multisystem assessments.
		Evaluate findings related to the etiology, pathophysiology and manifestations of the multisystem illnesses and injuries listed in Appendix 4B.	Evaluate findings related to the etiology, pathophysiology and manifestations of the multisystem illnesses and injuries listed in Appendix 4C.	Evaluate findings related to the etiology, pathophysiology and manifestations of the multisystem illnesses and injuries listed in Appendix 4C.
	Demonstrate assessment techniques for multisystem illnesses and injuries.	Perform assessment techniques for multisystem illnesses and injuries.	Perform assessment techniques for multisystem illnesses and injuries.	Perform assessment techniques for multisystem illnesses and injuries.
	Adapt assessment techniques to multisystem history findings.	Adapt assessment techniques to multisystem history findings.	Adapt assessment techniques to multisystem history findings.	Adapt assessment techniques to multisystem history findings.
4.3.o Conduct neonatal assessment and interpret findings.	A	S	C	C
	Define "neonatal patient".	Define "neonatal patient".	Define "neonatal patient".	Define "neonatal patient".

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	Describe the pathophysiology of illnesses and injuries to the neonate listed in Appendix 4A.	Explain the pathophysiology of illnesses and injuries to the neonate listed in Appendix 4B.	Explain the pathophysiology of illnesses and injuries to the neonate listed in Appendix 4C.	Explain the pathophysiology of illnesses and injuries to the neonate listed in Appendix 4C.
	Apply assessment techniques specific to the neonatal patient.	Apply assessment techniques specific to the neonatal patient.	Apply assessment techniques specific to the neonatal patient.	Apply assessment techniques specific to the neonatal patient.
		Evaluate findings related to the etiology, pathophysiology and manifestations of the illnesses and injuries of the neonate listed in Appendix 4B.	Evaluate findings related to the etiology, pathophysiology and manifestations of the illnesses and injuries of the neonate listed in Appendix 4C.	Evaluate findings related to the etiology, pathophysiology and manifestations of the illnesses and injuries of the neonate listed in Appendix 4C.
		Perform appropriate assessment techniques for neonatal patients.	Perform appropriate assessment techniques for neonatal patients.	Perform appropriate assessment techniques for neonatal patients.
		Adjust assessment techniques as required.	Adjust assessment techniques as required.	Adjust assessment techniques as required.
4.3.p Conduct psychiatric assessment and interpret findings.	S	S	S	S
	Distinguish between the "mentally well" and the "mentally unwell" person.	Distinguish between the "mentally well" and the "mentally unwell" person.	Distinguish between the "mentally well" and the "mentally unwell" person.	Distinguish between the "mentally well" and the "mentally unwell" person.
	Describe the pathophysiology of the psychiatric disorders listed in Appendix 4A.	Explain the pathophysiology of the psychiatric disorders listed in Appendix 4B.	Explain the pathophysiology of the psychiatric disorders listed in Appendix 4C.	Explain the pathophysiology of the psychiatric disorders listed in Appendix 4C.
	Apply assessment techniques specific to psychiatric disorders.	Apply assessment techniques specific to psychiatric disorders.	Apply assessment techniques specific to psychiatric disorders.	Apply assessment techniques specific to psychiatric disorders.

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	Evaluate psychiatric assessment findings.	Evaluate psychiatric assessment findings.	Evaluate psychiatric assessment findings.	Evaluate psychiatric assessment findings.
	Demonstrate assessment techniques for psychiatric disorders.	Demonstrate assessment techniques for psychiatric disorders.	Demonstrate assessment techniques for psychiatric disorders.	Demonstrate assessment techniques for psychiatric disorders.
	Adapt assessment techniques to psychiatric history findings.	Adapt assessment techniques to psychiatric history findings.	Adapt assessment techniques to psychiatric history findings.	Adapt assessment techniques to psychiatric history findings.
	Communicate appropriately with other health care providers when dealing with a patients suffering from psychiatric disorders.	Communicate appropriately with other health care providers when dealing with a patients suffering from psychiatric disorders.	Communicate appropriately with other health care providers when dealing with a patients suffering from psychiatric disorders.	Communicate appropriately with other health care providers when dealing with a patients suffering from psychiatric disorders.
GENERAL COMPETENCY 4.4 Assess vital signs.				
SPECIFIC COMPETENCY	SUB COMPETENCIES			
4.4.a Assess pulse.	S	P	P	P
	Define "pulse".	Define "pulse".	Define "pulse".	Define "pulse".
	Identify sites where a pulse may be found.	Identify sites where a pulse may be found.	Identify sites where a pulse may be found.	Identify sites where a pulse may be found.
	Modify pulse check to age of patient.	Modify pulse check to age of patient.	Modify pulse check to age of patient.	Modify pulse check to age of patient.
	Evaluate arterial pulse rate, rhythm, and quality.	Evaluate arterial pulse rate, rhythm, and quality.	Evaluate arterial pulse rate, rhythm, and quality.	Evaluate arterial pulse rate, rhythm, and quality.
	Distinguish between normal and abnormal findings.	Distinguish between normal and abnormal findings.	Distinguish between normal and abnormal findings.	Distinguish between normal and abnormal findings.
	Identify factors that influence the pulse rate.	Identify factors that influence the pulse rate.	Identify factors that influence the pulse rate.	Identify factors that influence the pulse rate.
	Demonstrate pulse assessment.	Perform pulse assessment.	Perform pulse assessment.	Perform pulse assessment.

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	Adapt techniques of obtaining pulse to patient situation.	Adapt techniques of obtaining pulse to patient situation.	Adapt techniques of obtaining pulse to patient situation.	Adapt techniques of obtaining pulse to patient situation.
4.4.b Assess respiration.	S	P	P	P
	Describe the physiology of respiration.	Describe the physiology of respiration.	Explain the physiology of respiration.	Explain the physiology of respiration.
	Modify respiratory assessment to patient age.	Modify respiratory assessment to patient age.	Modify respiratory assessment to patient age.	Modify respiratory assessment to patient age.
	Evaluate respiratory rate, effort, excursion and symmetry.	Evaluate respiratory rate, effort, excursion and symmetry.	Evaluate respiratory rate, effort, excursion and symmetry.	Evaluate respiratory rate, effort, excursion and symmetry.
	Distinguish between adequate and inadequate respiratory effort.	Distinguish between adequate and inadequate respiratory effort.	Distinguish between adequate and inadequate respiratory effort.	Distinguish between adequate and inadequate respiratory effort.
	List factors that influence the respiratory rate.	Explain factors that influence the respiratory rate.	Explain factors that influence the respiratory rate.	Explain factors that influence the respiratory rate.
	Demonstrate respiratory assessment.	Perform respiratory assessment.	Perform respiratory assessment.	Perform respiratory assessment.
	Adapt techniques of obtaining respirations to patient situation.	Adapt techniques of obtaining respirations to patient situation.	Adapt techniques of obtaining respirations to patient situation.	Adapt techniques of obtaining respirations to patient situation.
4.4.c Conduct non-invasive temperature monitoring.	N	C	C	C
		Identify sites where temperature may be assessed by non-invasive methods.	Identify sites where temperature may be assessed by non-invasive methods.	Identify sites where temperature may be assessed by non-invasive methods.
		Modify temperature check to age of patient.	Modify temperature check to age of patient.	Modify temperature check to age of patient.

Area 4 Assessment and Diagnostics

	EMR	PCP	ACP	CCP
		Distinguish between normal and abnormal findings.	Distinguish between normal and abnormal findings.	Distinguish between normal and abnormal findings.
		Discuss factors that influence body temperature.	Discuss factors that influence body temperature.	Discuss factors that influence body temperature.
		Perform temperature assessment.	Perform temperature assessment.	Perform temperature assessment.
		Adapt techniques of obtaining temperature to patient situation.	Adapt techniques of obtaining temperature to patient situation.	Adapt techniques of obtaining temperature to patient situation.
4.4.d Measure blood pressure by auscultation.	S	P	P	P
	Describe the physiology of blood pressure.	Describe the physiology of blood pressure.	Explain the physiology of blood pressure.	Explain the physiology of blood pressure.
		Analyze the strengths and limitations of an auscultated blood pressure.	Analyze the strengths and limitations of an auscultated blood pressure.	Analyze the strengths and limitations of an auscultated blood pressure.
		Distinguish between a blood pressure taken by auscultation or palpation.	Distinguish between a blood pressure taken by auscultation or palpation.	Distinguish between a blood pressure taken by auscultation or palpation.
	Identify average blood pressure expectations for age.	Explain average blood pressure expectations for age.	Explain average blood pressure expectations for age.	Explain average blood pressure expectations for age.
	Identify factors that may influence patient's blood pressure.	Explain factors that may influence patient's blood pressure.	Explain factors that may influence patient's blood pressure.	Explain factors that may influence patient's blood pressure.
	Demonstrate auscultated determination of blood pressure.	Perform auscultated determination of blood pressure.	Perform auscultated determination of blood pressure.	Perform auscultated determination of blood pressure.

Area 4 Assessment and Diagnostics

	EMR	PCP	ACP	CCP
	Adapt technique of auscultating blood pressure to patient situation.	Adapt technique of auscultating blood pressure to patient situation.	Adapt technique of auscultating blood pressure to patient situation.	Adapt technique of auscultating blood pressure to patient situation.
4.4.e Measure blood pressure by palpation.	S	P	P	P
	Describe the physiology of pulse points.	Describe the physiology of pulse points.	Describe the physiology of pulse points.	Describe the physiology of pulse points.
	Analyze the strengths and weaknesses of a palpated blood pressure.	Analyze the strengths and weaknesses of a palpated blood pressure.	Analyze the strengths and weaknesses of a palpated blood pressure.	Analyze the strengths and weaknesses of a palpated blood pressure.
	Identify factors that may influence a palpated blood pressure.	Explain factors that may influence a palpated blood pressure.	Explain factors that may influence a palpated blood pressure.	Explain factors that may influence a palpated blood pressure.
	Demonstrate palpated determination of blood pressure.	Perform palpated determination of blood pressure.	Perform palpated determination of blood pressure.	Perform palpated determination of blood pressure.
	Adapt technique of palpating blood pressure to patient situation.	Adapt technique of palpating blood pressure to patient situation.	Adapt technique of palpating blood pressure to patient situation.	Adapt technique of palpating blood pressure to patient situation.
4.4.f Measure blood pressure with non-invasive blood pressure monitor.	N	C	C	C
		Explain rationale for measuring blood pressure with non-invasive monitor.	Explain rationale for measuring blood pressure with non-invasive monitor.	Explain rationale for measuring blood pressure with non-invasive monitor.
		Describe techniques to obtain blood pressure with non-invasive monitor.	Describe techniques to obtain blood pressure with non-invasive monitor.	Describe techniques to obtain blood pressure with non-invasive monitor.

Area 4 Assessment and Diagnostics

	EMR	PCP	ACP	CCP
			Explain calculation and significance of Mean Arterial Pressure (MAP) and pulse pressure	Explain calculation and significance of Mean Arterial Pressure (MAP) and pulse pressure
		Distinguish normal and abnormal findings of blood pressure determined with non-invasive monitor.	Distinguish normal and abnormal findings of blood pressure determined with non-invasive monitor.	Distinguish normal and abnormal findings of blood pressure determined with non-invasive monitor.
		Perform blood pressure measurement using non-invasive monitor.	Perform blood pressure measurement using non-invasive monitor.	Perform blood pressure measurement using non-invasive monitor.
		Perform trouble shooting when using a non-invasive blood pressure monitor.	Perform trouble shooting when using a non-invasive blood pressure monitor.	Perform trouble shooting when using a non-invasive blood pressure monitor.
4.4.g Assess skin condition.	S	P	P	P
	List three parameters used to assess skin condition.	List the four parameters used to assess skin condition.	List the four parameters used to assess skin condition.	List the four parameters used to assess skin condition.
	Identify the factors that affect skin temperature, colour and moisture.	Identify the factors that affect skin temperature, colour, moisture and turgor.	Identify the factors that affect skin temperature, colour, moisture and turgor.	Identify the factors that affect skin temperature, colour, moisture and turgor.
	Distinguish between normal and abnormal findings when assessing skin colour.	Distinguish between normal and abnormal findings when assessing skin colour.	Distinguish between normal and abnormal findings when assessing skin colour.	Distinguish between normal and abnormal findings when assessing skin colour.
	Identify how to assess skin colour changes in different races.	Identify how to assess skin colour changes in different races.	Describe how to assess skin colour changes in different races.	Describe how to assess skin colour changes in different races.

Area 4 Assessment and Diagnostics

	EMR	PCP	ACP	CCP
	Distinguish between normal and abnormal findings when assessing skin temperature.	Distinguish between normal and abnormal findings when assessing skin temperature.	Distinguish between normal and abnormal findings when assessing skin temperature.	Distinguish between normal and abnormal findings when assessing skin temperature.
	Distinguish between normal and abnormal findings when assessing skin condition.	Distinguish between normal and abnormal findings when assessing skin condition.	Distinguish between normal and abnormal findings when assessing skin condition.	Distinguish between normal and abnormal findings when assessing skin condition.
		Distinguish between normal and abnormal findings when assessing skin turgor.	Distinguish between normal and abnormal findings when assessing skin turgor.	Distinguish between normal and abnormal findings when assessing skin turgor.
	Demonstrate assessment of skin condition utilizing three parameters.	Perform assessment of skin condition utilizing four parameters.	Perform assessment of skin condition utilizing four parameters.	Perform assessment of skin condition utilizing four parameters.
	Adapt technique of skin assessment to patient age and race.	Adapt technique of skin assessment to patient age and race.	Adapt technique of skin assessment to patient age and race.	Adapt technique of skin assessment to patient age and race.
4.4.h Assess pupils.	S	P	P	P
	List the three parameters used to assess pupils.	List the three parameters used to assess pupils.	List the three parameters used to assess pupils.	List the three parameters used to assess pupils.
		Identify the cranial nerves that regulate eye movement and contraction.	Identify the cranial nerves that regulate eye movement and contraction.	Identify the cranial nerves that regulate eye movement and contraction.
	Identify conditions that affect pupil size, symmetry and reactivity.	Discuss conditions that affect pupil size, symmetry and reactivity.	Explain conditions that affect pupil size, symmetry and reactivity.	Explain conditions that affect pupil size, symmetry and reactivity.

Area 4 Assessment and Diagnostics

	EMR	PCP	ACP	CCP
	Distinguish between normal and abnormal findings when assessing pupils for size, symmetry and reactivity.	Distinguish between normal and abnormal findings when assessing pupils for size, symmetry and reactivity.	Distinguish between normal and abnormal findings when assessing pupils for size, symmetry and reactivity.	Distinguish between normal and abnormal findings when assessing pupils for size, symmetry and reactivity.
	Demonstrate pupil assessment utilizing the three parameters.	Perform pupil assessment utilizing the three parameters.	Perform pupil assessment utilizing the three parameters.	Perform pupil assessment utilizing the three parameters.
	Adapt technique of assessing pupils to patient situation.	Adapt technique of assessing pupils to patient situation.	Adapt technique of assessing pupils to patient situation.	Adapt technique of assessing pupils to patient situation.
4.4.i Assess level of mentation.	S	P	P	P
	List factors that affect patient's mental status.	Identify factors that affect patient's mental status.	Explain factors that affect patient's mental status.	Explain factors that affect patient's mental status.
	Apply methods of assessing level of mentation.	Apply methods of assessing level of mentation.	Apply methods of assessing level of mentation.	Apply methods of assessing level of mentation.
		Apply "Alert Verbal Pain Unresponsive" (APVU) scale to mental status assessment.	Apply "Alert Verbal Pain Unresponsive" (APVU) scale to mental status assessment.	Apply "Alert Verbal Pain Unresponsive" (APVU) scale to mental status assessment.
		Apply the "Glasgow Coma Scale" (GCS) to mental status assessment.	Apply the "Glasgow Coma Scale" (GCS) to mental status assessment.	Apply the "Glasgow Coma Scale" (GCS) to mental status assessment.
	Demonstrate assessment of level of mentation.	Perform assessment of level of mentation.	Perform assessment of level of mentation.	Perform assessment of level of mentation.
	Adapt technique of assessing level of mentation to patient age.	Adapt technique of assessing level of mentation to patient age.	Adapt technique of assessing level of mentation to patient age.	Adapt technique of assessing level of mentation to patient age.

Area 4 Assessment and Diagnostics

	EMR	PCP	ACP	CCP
GENERAL COMPETENCY 4.5 Utilize diagnostic tests.				
SPECIFIC COMPETENCY	SUB COMPETENCIES			
4.5.a Conduct oximetry testing and interpret findings.	N	C	C	C
		Identify the factors that affect accuracy of pulse oximeters.	Explain the factors that affect accuracy of pulse oximeters.	Explain the factors that affect accuracy of pulse oximeters.
		Describe the physiologic properties of oxygen.	Explain the physiologic properties of oxygen.	Explain the physiologic properties of oxygen.
		Describe the function of a pulse oximeter.	Describe the function of a pulse oximeter.	Describe the function of a pulse oximeter.
		Identify normal and abnormal findings when performing oximetry testing.	Describe oximetry waveforms.	Evaluate oximetry waveforms.
		Identify indications for oxygen administration relative to saturated oxygen values.	Infer indications for oxygen administration relative to saturated oxygen values.	Infer indications for oxygen administration relative to saturated oxygen values.
		Perform oximetry testing.	Perform oximetry testing.	Perform oximetry testing.
		Adapt technique of oximetry testing to patient age.	Adapt technique of oximetry testing to patient age.	Adapt technique of oximetry testing to patient age.
4.5.b Conduct end-tidal carbon dioxide monitoring and interpret findings.	N	N	C	C
			Differentiate between various end-tidal carbon dioxide monitoring.	Differentiate between various end-tidal carbon dioxide monitoring.

Area 4 Assessment and Diagnostics

	EMR	PCP	ACP	CCP
			Explain factors that may limit the reliability of end-tidal carbon dioxide values.	Explain factors that may limit the reliability of end-tidal carbon dioxide values.
			Explain the relationship of end-tidal carbon dioxide to arterial blood gas measurement of partial pressure of arterial carbon dioxide.	Explain the relationship of end-tidal carbon dioxide to arterial blood gas measurement of partial pressure of arterial carbon dioxide.
			Differentiate between sidestream, microstream and mainstream end-tidal carbon dioxide.	Differentiate between sidestream, microstream and mainstream end-tidal carbon dioxide.
			Describe capnographic waveforms.	Evaluate capnographic waveforms.
			Perform end-tidal carbon dioxide monitoring.	Perform end-tidal carbon dioxide monitoring.
4.5.c Conduct glucometric testing and interpret findings.	X	P	P	P
	Identify indications for glucometric testing.	Identify indications for glucometric testing.	Explain indications for glucometric testing.	Explain indications for glucometric testing.
		Identify the factors that affect accuracy of glucometric testing.	Explain the factors that affect accuracy of glucometric testing.	Explain the factors that affect accuracy of glucometric testing.
		Identify normal and abnormal findings when performing glucometric testing.	Identify normal and abnormal findings when performing glucometric testing.	Identify normal and abnormal findings when performing glucometric testing.
		Describe the physiologic mechanism of glucose.	Describe the physiologic mechanism of glucose.	Describe the physiologic mechanism of glucose.
		Describe the function of a glucometer.	Describe the function of a glucometer.	Describe the function of a glucometer.

Area 4 Assessment and Diagnostics

	EMR	PCP	ACP	CCP
		Perform glucometric testing.	Perform glucometric testing.	Perform glucometric testing.
		Adapt the techniques of glucometric testing to patient age.	Adapt the techniques of glucometric testing to patient age.	Adapt the techniques of glucometric testing to patient age.
4.5.d Conduct peripheral venipuncture.	N	N	X	C
			Discuss indications and rationale for performing peripheral venipuncture.	Discuss indications and rationale for performing peripheral venipuncture.
				Perform collection venous blood specimens.
4.5.e Obtain arterial blood samples via radial artery puncture.	N	N	X	S
			Identify indications for and purpose of radial artery blood sampling.	Explain indications and rationale for performing radial artery puncture.
				Describe specific physical assessments to be performed prior to radial artery puncture.
				Demonstrate the collection of blood specimen by radial artery puncture.

Area 4 Assessment and Diagnostics

	EMR	PCP	ACP	CCP
4.5.f Obtain arterial blood samples via arterial line access.	N	N	X	C
			Identify indications for and purpose of radial artery blood sampling.	Explain indications and rationale for collecting arterial blood specimens via arterial line access.
				Describe arterial blood specimen collection from an arterial line.
				Perform collection of blood specimen from an arterial line, including safe maintenance of the arterial line during and following specimen collection.
4.5.g Conduct invasive core temperature monitoring and interpret findings.	N	N	X	C
			Differentiate between core and peripheral temperature monitoring.	Differentiate between core and peripheral temperature monitoring.
				Explain indications and rationale for measuring core body temperature.
				Explain various means of measuring core body temperature.
				Perform measurement of core temperature using invasive method.

Area 4 Assessment and Diagnostics

	EMR	PCP	ACP	CCP
4.5.h Conduct pulmonary artery catheter monitoring and interpret findings.	N	N	X	C
			Define "pulmonary artery catheter monitoring".	Define "pulmonary artery catheter monitoring".
				Identify normal pulmonary artery pressures.
				Explain indications and rationale for use of pulmonary artery catheters.
				Explain the assessment and management of pulmonary artery catheters.
				Analyze waveforms.
				Explain complications of pulmonary artery catheters, and their management.
				Perform routine management of patients with pulmonary artery catheters.
4.5.i Conduct central venous pressure monitoring and interpret findings.	N	N	X	C
			Define "central venous pressure".	Define "central venous pressure".
				Identify normal central venous pressure values.

Area 4 Assessment and Diagnostics

	EMR	PCP	ACP	CCP
				Explain indications and rationale for central venous pressure monitoring.
				Analyze waveforms.
				Explain complications of central venous pressure monitoring, and their management.
				Perform routine management of patients central venous pressure catheters.
4.5.j Conduct arterial line monitoring and interpret findings.	N	N	X	C
			Define "arterial pressure".	Define "arterial pressure".
				Identify normal arterial pressure values.
				Explain indications and rationale for arterial pressure monitoring.
				Analyze waveforms.
				Describe the steps to be taken to ensure the accuracy of arterial pressure values.
				Explain complications of arterial line monitoring, and their management.

Area 4 Assessment and Diagnostics

	EMR	PCP	ACP	CCP
				Perform routine management of patients with indwelling arterial catheters.
4.5.k Interpret laboratory and radiological data.	N	X	A	A
		List examples of common laboratory and radiological data.	Identify examples of common laboratory and radiological data.	Identify examples of common laboratory and radiological data.
				Analyze common laboratory values, including hematological and biochemical data.
				Explain the relevance of common radiological and laboratory studies to patient presentation.
				Analyze chest, cervical-spine and other common radiographs.
4.5.l Conduct 3-lead electrocardiogram (ECG) and interpret findings.	N	S	P	P
		Explain the electro-physiologic principles of the heart, and cardiac conduction.	Explain the electro-physiologic principles of the heart, and cardiac conduction.	Explain the electro-physiologic principles of the heart, and cardiac conduction.
		Explain indications for ECG monitoring.	Explain indications for ECG monitoring.	Explain indications for ECG monitoring.
		Demonstrate the technique of obtaining a 3-lead ECG.	Perform the technique of obtaining a 3-lead ECG.	Perform the technique of obtaining a 3-lead ECG.

Area 4 Assessment and Diagnostics

	EMR	PCP	ACP	CCP
		Adapt technique of obtaining a 3-lead ECG to patient age and gender.	Adapt technique of obtaining a 3-lead ECG to patient age and gender.	Adapt technique of obtaining a 3-lead ECG to patient age and gender.
		Describe the principles of interpretation of cardiac rhythms.	Explain the principles of interpretation of cardiac rhythms.	Explain the principles of interpretation of cardiac rhythms.
		List possible causes of abnormal cardiac rhythms.	List possible causes of abnormal cardiac rhythms.	List possible causes of abnormal cardiac rhythms.
		Analyze cardiac rhythms.	Analyze cardiac rhythms.	Analyze cardiac rhythms.
		Identify potentially lethal cardiac rhythms.	Identify potentially lethal cardiac rhythms.	Identify potentially lethal cardiac rhythms.
4.5.m Obtain 12-lead electrocardiogram and interpret findings.	N	X	A	C
		Distinguish between a 3-lead and a 12-lead ECG.	Explain the difference between a 3-lead and a 12-lead ECG.	Explain the difference between a 3-lead and a 12-lead ECG.
			Identify indications for use of a 12-lead ECG.	Identify indications for use of a 12-lead ECG.
				Perform the technique of obtaining a 12-lead ECG.
				Adapt technique of obtaining a 12-lead ECG to patient age and gender.

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	EMR	PCP	ACP	CCP
				Describe the steps involved in interpreting 12-lead ECGs, and ECGs obtained with additional leads.
				Identify indications for the use of additional leads.
				Describe the technique of obtaining ECGs with additional leads.