



The SonoSim Ultrasound Training Solution in Accordance with STFM's Tiered POCUS Applications for US Family Medicine Residency Training

The Society of Teachers of Family Medicine (STFM) POCUS Task Force has [recommended fifty-two POCUS applications that every family medicine resident should demonstrate competence in by 2035](#). Tier 1 should be adopted by family medicine residency programs by 2027. The SonoSim Ultrasound Training Solution matches these new industry recommendations through an ecosystem of cloud-based courses, knowledge assessments, interactive SonoSimulator® scanning cases, access to real-patient pathology, study tools, and administrator performance tracking.

Tier One				
Application	Learn (Courses)	Scan (SonoSimulator Cases)	Study (QuestionBank & Test Prep)	Apply (SonoSim LiveScan)
Abscess	Soft Tissue: Core Clinical	Soft Tissue Core Cases - #1, 2, 9 Musculoskeletal Challenge Cases - #12	QuestionBank / Musculoskeletal / Soft Tissue / Case Studies: Soft-Tissue Abscess, Septic Arthritis QuestionBank / Head & Neck / Lymph Nodes / Case Study: Peritonsillar Abscess, Intratonsillar Abscess QuestionBank / Pediatrics / Soft Tissue / Case Study: Neonatal Perianal Abscess QuestionBank / MSK / Soft Tissue Quizzes	N/A
Cellulitis or Edema	Soft Tissue: Core Clinical	Soft Tissue Core Cases - #4, 5, 9 Musculoskeletal Challenge Cases - #12 Genitourinary Challenge Cases - #2	QuestionBank / Musculoskeletal / Hand & Finger / Case Study: Tenosynovitis QuestionBank / Musculoskeletal / Soft Tissue / Case Study: Soft-Tissue Abscess	N/A
Bladder Volume	Bladder: Anatomy & Physiology Bladder: Core Clinical	Bladder Basic Cases - #4, 5 Bladder Core Cases - #2, 3, 4, 10	QuestionBank / Abdomen / Bladder & Lower Urinary Tract Quizzes FPD-AEMUS Test Prep / Renal / Basic & Advanced Quizzes	SLS Critical Care Cases SLS Genitourinary Cases SLS Trauma Care Cases

Knee Effusion	Musculoskeletal: Core Clinical U/S Guided Knee Joint Injection & Aspiration: Procedure	Musculoskeletal Core Case - #5 U/S Guided Knee Joint Injection & Aspiration Case - #2 Pediatric Challenge Case - #3	Question Bank / MSK / Knee / Case Study: Knee Effusion	N/A
Fetal Presentation	Female Pelvis: Anatomy & Physiology OBGYN: Core Clinical Six-Step Obstetric Examination: Core Clinical First Trimester Pregnancy: Adv. Clinical Second- & Third-Trimester Pregnancy - Part I & II: Adv. Clinical	Six-Step Obstetric Examination Cases - #1, 2, 10 Second- & Third-Trimester Pregnancy - Part I & II: All Cases	QuestionBank / OBGYN / 2nd & 3rd Trimester Pregnancy / Six-Step OB Protocol Sonographic Anatomy & Technique I & II Quizzes OBGYN Test Prep / Obstetrics / Second/ Third Trimester / Abnormal Placental Membrane Attachment, Insertion or Shape Quiz OBGYN Test Prep / Obstetrics / Second/ Third Trimester / Fetal Lie, Presentation & Situs Quiz OBGYN Test Prep / Protocols & Procedures / Cephalic Index Quiz	SLS Late Stage Pregnancy Cases
Abscess Drainage	Soft Tissue: Core Clinical	Soft Tissue Core Clinical Cases - #1, 2, 9 Musculoskeletal Challenge Cases - #12	QuestionBank / MSK / Soft Tissue / Case Studies: Soft-Tissue Abscess, Septic Arthritis QuestionBank / Head & Neck / Lymph Nodes / Case Study: Peritonsillar Abscess, Intratonsillar Abscess QuestionBank / MSK / Soft Tissue / Musculoskeletal Abscess & Foreign Body Evaluation Quiz	N/A
Tier Two				
Application	Learn (Courses)	Scan (SonoSimulator Cases)	Study (QuestionBank & Test Prep)	Apply (SonoSim LiveScan)
Foreign Body	Soft Tissue: Core Clinical Musculoskeletal: Core Clinical Ocular: Core Clinical	N/A	QuestionBank / Musculoskeletal / Soft Tissue / Musculoskeletal Abscess & Foreign Body Evaluation Quiz QuestionBank / Head & Neck / Airway / Airway Sonographic Technique Quiz FPD-AEMUS Test Prep / Soft Tissue / Basic Quiz FPD-AEMUS Test Prep / Ocular / Advanced Quiz	SLS Ocular Case #3

Hydronephrosis	Renal: Core Clinical	Renal Core Cases - #1, 5, 6, 10 Intestinal/Biliary Core Cases - #4 Genitourinary Challenge Cases - #3, 5, 7, 8, 9, 10 OBGYN Challenge Cases - #14	QuestionBank / Abdomen / Kidneys & Ureter Quizzes QuestionBank / Abdomen / Kidneys & Ureter Case Studies: Severe Hydronephrosis & Kidney Transplant QuestionBank / Abdomen / Bladder & Lower Urinary Tract / Case Study: Bladder Hematoma	SLS Genitourinary Cases - #1, 2, 4, 6, 9 SLS Early Stage Pregnancy Cases - #5, 10
Free Fluid in Abdomen	eFAST Protocol: Core Clinical FAST: Core Clinical RUSH: Core Clinical Paracentesis: Procedure	Intestinal/Biliary Core Cases - #4, 19 Abdomen Challenge Cases - #2, 5, 8 Bladder Core Cases - #1, 5, 7, 9 Genitourinary Challenge Cases - #5, 6 U/S-Guided Paracentesis Cases - #10 FAST Protocol Cases - #2, 3, 4, 5, 6, 7, 8, 10 eFAST Protocol Cases - #4, 8, 9, 10 RUSH Cases - # 1, 4, 9 Protocols Challenge Cases - #1	QuestionBank / Abdomen / Spleen / Case Study: Perisplenic Hematoma & Splenic Rupture QuestionBank / Abdomen / Kidneys & Ureter / Case Study: Renal Transplant QuestionBank / Abdomen / Gastrointestinal / Case Study: Small Bowel Obstruction & Ascites QuestionBank / Abdomen / Gastrointestinal / GI Tract Common Pathologies Quiz QuestionBank / OBGYN / Gynecology / Case Study: Complex Ovarian Cyst & Right Adnexal Complex Cyst QuestionBank / OBGYN / Gynecology / Female Pelvis Anatomy & Physiology Quiz QuestionBank / OBGYN / Gynecology / Common Nonmalignant Adnexal Pathologies Quiz	SLS Trauma Care Cases - #4, 8, 9, 10 SLS Critical Care Cases - #4, 6, 9 SLS Genitourinary Cases - #3, 7 SLS Hepatobiliary Cases - #3, 6, 10 SLS Early Stage Pregnancy Cases - #3, 6, 8 SLS Late Stage Pregnancy Cases - #2
Pulmonary Edema	Pulmonary: Core Clinical Pediatric Lung Sonography: Adv. Clinical U/S Guided Thoracentesis: Procedure	Pediatric Lung Sonography Cases - #2 RUSH Cases - #3, 8	CCEeXAM® Test Prep / Integrated Ultrasound Imaging / A-Line versus B-Line Quiz FPD-AEMUS Test Prep / Chest & Lung / Advanced Quiz	SLS Critical Care Cases #3, 8 SLS Cardiac Resuscitation Cases #4

<i>Pleural Effusion</i>	Pulmonary: Core Clinical eFAST Protocol: Core Clinical Pediatric Lung Sonography: Adv. Clinical U/S Guided Thoracentesis: Procedure	Cardiology Cases - #6, 9, 10, 14, 17 FoCUS Part I Cases - #1 FoCUS Part II Cases - #8 LVAD Problem-Focused Echo Cases - #1 Resuscitative TEE Cases - #4 Airway Core Cases - #10 Pediatric Lung Sonography Cases - #8, 10 U/S Guided Pericardiocentesis Cases - #5 U/S Guided Thoracentesis Cases - All eFAST Cases - #8, 9 Pulmonary Cases - #3, 6, 7, 10 Pulmonary Challenge Cases - #1	QuestionBank / Adult Echo / The Limited Thoracic Exam & Additional Techniques Quizzes QuestionBank / Adult Echo / Pericardial Disease / Pleural Effusion Case Studies QuestionBank / Chest / Pleural Space / Pleural Effusion Case Studies CCEeXAM® Test Prep / Clinical Diagnosis & Mgmt / Respiratory Failure I & II Quizzes CCEeXAM® Test Prep / Integrated Ultrasound Imaging / Pleural Effusion Quiz FPD-AEMUS Test Prep / Chest & Lung / Advanced Quiz FPD-AEMUS Test Prep / Procedures / Basic Thoracentesis Quiz FPD-AEMUS Test Prep / Procedures / Basic Pericardiocentesis Quiz OBGYN Test Prep / Obstetrics - Second/ Third Trimester / Thorax, Abnormal Thorax II & III Quizzes	SLS Trauma Care Cases #8, 9 SLS Cardiac Resuscitation Cases #1, 7, 9, 10
<i>Inferior Vena Cava Diameter & Collapsibility</i>	Aorta/IVC: Anatomy & Physiology Aorta/IVC: Core Clinical Cardiology: Core Clinical RUSH: Core Clinical FoCUS Part I & III: Adv. Clinical	Cardiology Cases - #1, 4 FoCUS I Cases - #2, 4 FoCUS II Cases - #1, 2, 3, 4, 5, 6, 7, 8, 10 LVAD Problem-Focused Echo Cases - #1, 3 eFAST Cases - #2, 5, 7 RUSH Cases - All Aorta/IVC A&P Cases - #4, 5 Aorta/IVC Core Cases - #1, 3, 7, 9, 12, 13, 14, 16, 17 Vascular Challenge Cases - #6 U/S Guided Pericardiocentesis Cases - #2, 3, 5, 8, 10	QuestionBank / Vascular / IVC Quizzes QuestionBank / Adult Echo / M-Mode Measurements Quiz CCEeXAM® Test Prep / Functional Anatomy / Great Vessels IVC and SVC I & II Quizzes CCEeXAM® Test Prep / Clinical Diagnosis & Mgmt / Volume Assessment I & II Quizzes FPD-AEMUS Test Prep / Cardiac / Basic Quiz FPD-AEMUS Test Prep / Aorta / Advanced Quiz	SLS Quick Start Patient #1, 2 SLS Trauma Care Cases #2, 5, 7 SLS Critical Care Cases - All SLS Cardiac Resuscitation Cases - All SLS Hepatobiliary Cases #1, 2, 9

Abdominal Aortic Aneurysm	Aorta/IVC: Core Clinical	RUSH Cases - #1 Aorta/IVC Core Cases - #6, 8, 10, 11, 15, 18, 19, 20 Vascular Challenge Cases - #1, 5, 6	QuestionBank / Vascular / Aorta / Case Study: AAA CCeEXAM® Test Prep / Functional Anatomy / Great Vessels Aorta I & II Quizzes FPD-AEMUS Test Prep / Aorta / Basic Quiz	SLS Critical Care Cases # 6
Intrauterine Pregnancy Identification	Female Pelvis: Anatomy & Physiology OB/GYN: Core Clinical First Trimester Pregnancy: Adv. Clinical	OB/GYN Core Cases #1, 3, 7 First-Trimester Pregnancy Cases - #10 OB Challenge Cases - #12 RUSH Cases - #3	QuestionBank / OB/GYN / Obstetrics - First Trimester Quizzes FPD-AEMUS Test Prep / Female Pelvis / Basic Obstetrics Quiz OB/GYN Test Prep / Obstetrics - First Trimester / Examination Less Than 10 Weeks' Gestation I & II Quizzes OB/GYN Test Prep / Obstetrics - First Trimester / Embryonic/Fetal Demise Quiz OB/GYN Test Prep / Protocols and Procedures / Measure First Trimester Structures Quiz	SLS Critical Care Cases # 8 SLS Early Stage Pregnancy Cases #2, 4, 5, 8
Fetal Heart Rate	First Trimester Pregnancy: Adv. Clinical Six-Step Obstetric Examination: Core Clinical	OB/GYN Core Cases #1, 3, 5, 7 Six-Step OB Exam Cases - #3, 10 First-Trimester Pregnancy Cases - #2, 3, 4, 5, 6, 10 Second- & Third-Trimester Pregnancy Part I & II - All Cases	QuestionBank / OB/GYN / Obstetrics - First Trimester Pregnancy / Sonography Anatomy & Technique Quiz FPD-AEMUS Test Prep / Female Pelvis / Basic & Advanced Obstetrics First Trimester Assessment Quizzes OB/GYN Test Prep / Obstetrics - First Trimester / Examination Less Than 10 Weeks' Gestation I Quiz OB/GYN Test Prep / Obstetrics - First Trimester / Embryonic/Fetal Demise Quiz OB/GYN Test Prep / Obstetrics - Second/ Third Trimester / Abnormal Fetal Heart I & II Quizzes	SLS Late Stage Pregnancy Cases - All
Foreign Body Removal	Soft Tissue: Core Clinical	N/A	FPD-AEMUS Test Prep / Soft Tissue / Basic Quiz	N/A

Tier Three				
Application	Learn (Courses)	Scan (SonoSimulator Cases)	Study (QuestionBank & Test Prep)	Apply (SonoSim LiveScan)
Cyst (Epidermal Inclusion Cyst)	Soft Tissue: Core Clinical	N/A	N/A	N/A
Lipoma	N/A	N/A	N/A	N/A
Foreign Body (Foley Catheter) in Bladder	Bladder: Core Clinical	Bladder Scanning: Core Clinical Cases - #3, 8 eFAST Protocol: Core Clinical Cases - #9 RUSH Core Clinical Cases - #6, 8	N/A	SLS Critical Care Cases #1, 3 SLS Trauma Care Cases #9
Ganglion Cyst	N/A	N/A	QuestionBank / Musculoskeletal / Wrist / Case Study: Ganglion Cyst (Synovial Cyst)	N/A
Baker's Cyst	Musculoskeletal: Core Clinical	DVT - Lower Extremity: Core Cases - #7	QuestionBank / Vascular / Lower Extremity Venous / DVT Sonographic Technique & Management Quiz	N/A
Cholelithiasis	Fundamentals of Ultrasound: Core Clinical Biliary Tree: Anatomy & Physiology Intestinal/Biliary: Core Clinical	Intestinal/Biliary Core Clinical Cases - #1, 3, 6, 10, 12, 14, 16, 20 Abdomen Challenge Cases - #4, 5, 6, 8, 9 Genitourinary Challenge Cases - #9	QuestionBank / Abdomen / Gallbladder & Biliary Tract / Case Studies: Cholelithiasis QuestionBank / Abdomen / Gallbladder & Biliary Tract Quizzes	SLS Hepatobiliary Cases #1, 2, 3, 9, 10 SLS Early Stage Pregnancy Cases #2, 6 SLS Late Stage Pregnancy Cases #4
Pneumothorax	Pulmonary: Core Clinical Pediatric Lung Sonography: Adv. Clinical eFAST Protocol: Core Clinical	Pediatric Lung Sonography Advanced Clinical Cases - #9 eFAST Protocol: Core Clinical Cases - #1, 3 Rapid Ultrasound in Shock (RUSH): Core Clinical Cases - #4 Pulmonary Core Clinical Cases - #5	QuestionBank / Chest / Lung Parenchyma / Case Studies: Pneumatocele, Bullous Lung Disease QuestionBank / Chest / Pleural Space / Case Studies: Pneumothorax CCEeXAM® Test Prep / Integrated Ultrasound Imaging / Lungs & Pleural I Quiz CCEeXAM® Test Prep / Clinical Diagnosis & Management / Respiratory Failure I & II Quizzes FPD-AEMUS Test Prep / Integrated Examinations & Syndromes / Basic Trauma Primary Survey Quiz FPD-AEMUS Test Prep / Chest & Lung / Basic	SLS Trauma Care Cases #1, 3 SLS Critical Care Cases #9 SLS Cardiac Resuscitation Cases #1, 9

<i>Pneumonia</i>	Pulmonary: Core Clinical Pediatric Lung Sonography: Adv. Clinical	Pulmonary Core Clinical Cases - #2, 6 Pediatric Lung Sonography Advanced Clinical Cases - #3, 5, 8, 10 Rapid Ultrasound in Shock (RUSH): Core Clinical Cases - #2, 3, 5,	FPD-AEMUS Test Prep / Chest & Lung / Basic Quiz FPD-AEMUS Test Prep /Pediatrics / Basic II Quiz	SLS Critical Care Cases #7, 8, 10 SLS Cardiac Resuscitation Cases #4
<i>Intrauterine Device (IUD) Identification</i>	GYN Ultrasound of Nonpregnant Normal Uterus: Adv. Clinical GYN U/S of Nonpregnant Abnormal Uterus Part I: Adv. Clinical OBGYN: Core Clinical	GYN Ultrasound of Nonpregnant Normal Uterus: Advanced Clinical Case - #3 GYN Ultrasound of Nonpregnant Abnormal Uterus - Part I: Advanced Clinical Cases - #5, 6, 7, 9, 10 GYN Ultrasound Normal Adnexa: Advanced Clinical Cases #7, 10 GYN Ultrasound Nonmalignant Adnexal Conditions: Advanced Clinical Cases - #2 GYN Ultrasound Malignant Adnexal Conditions: Advanced Clinical Cases - #1	QuestionBank / Obstetrics & Gynecology / Gynecology / IUD Placement Assessment Quiz FPD-AEMUS Test Prep / Female Pelvis / Advanced Gynecology / Uterus Quiz OB/GYN Test Prep / Gynecology - Pelvic Anatomy & Physiology / IUCD Location Quiz OB/GYN Test Prep / Physics & Instrumentation / 3d Imaging Quiz OB/GYN Test Prep / Protocols & Procedures / Sonographer Role in Procedures Quiz	N/A
<i>Pregnancy Dating by Crown Rump Length</i>	First Trimester Pregnancy: Adv. Clinical	OB/GYN Core Clinical Cases - #5, 10 OB/GYN Challenge Cases - #12 First-Trimester Pregnancy: Advanced Clinical Cases - All	QuestionBank / Obstetrics & Gynecology / Obstetrics - First-Trimester Pregnancy / First-Trimester Pregnancy Sonographic Anatomy & Technique Quiz QuestionBank / Obstetrics & Gynecology / Obstetrics - Second- & Third-Trimester Pregnancy / Second- & Third-Trimester Pregnancy Sonographic Anatomy & Technique I Quiz FPD-AEMUS Test Prep / Female Pelvis / Basic Obstetrics, Advanced Obstetrics - First Trimester Assessment, Advanced Obstetrics - Second & Third Trimester Assessment Quizzes OB/GYN Test Prep / Obstetrics - First Trimester/ Examination Less Than 10 Weeks' Gestation I & Embryonic/Fetal Demise Evaluation Quizzes OB/GYN Test Prep / Protocols and Procedures /Measure First Trimester Structures Quiz	SLS Early Stage Pregnancy Cases - All

Lower Extremity Proximal DVT	DVT Lower Extremity: Core Clinical RUSH: Core Clinical Leg-Venous: Anatomy & Physiology	Rapid Ultrasound in Shock (RUSH): Core Clinical Cases - #8 DVT - Lower Extremity: Core Clinical Cases - #2, 3, 4, 5, 6, 8, 9, 10	QuestionBank / Vascular / Lower Extremity Venous / Quizzes QuestionBank / Vascular / Lower Extremity Venous / Case Study: Common Femoral Vein DVT CCEeXAM® Test Prep / Integrated Ultrasound Imaging / Lower Extremity Quizzes FPD-AEMUS Test Prep / Venous & Arterial Assessment / Basic - DVT Quiz	SLS Critical Care Cases #3
Pericardial Effusion	Heart: Anatomy & Physiology Cardiology: Core Clinical FAST Protocol: Core Clinical eFAST Protocol: Core Clinical U/S-Guided Pericardiocentesis: Procedure LVAD Problem-Focused Echocardiography: Adv. Clinical	Cardiology Core Clinical Cases - #1, 4, 6, 10, 11, 14, 20 Focused Cardiac Ultrasound (FoCUS) - Part I: Advanced Clinical Cases - #5 Focused Cardiac Ultrasound (FoCUS) - Part II: Advanced Clinical Cases - #5, 8, 10 LVAD Problem-Focused Echocardiography: Advanced Clinical Cases - #1 Airway Core Clinical Cases - #3 Ultrasound-Guided Pericardiocentesis: Procedure Cases - All eFAST Protocol: Core Clinical Cases - #2 Rapid Ultrasound in Shock (RUSH): Core Clinical Cases - #2 Ultrasound-Guided Pericardiocentesis: Procedure Cases - All	QuestionBank / Adult Echocardiography / Pericardial Disease / Case Studies: Pericardial Effusions QuestionBank / Adult Echocardiography / The Limited Transthoracic Examination Quiz CCEeXAM® Test Prep / Functional Anatomy / Pericardium Quiz CCEeXAM® Test Prep / Clinical Diagnosis & Management / Acute Cardiovascular Presentations, Aortic Dissection, Respiratory Failure I & II, Shock III Quizzes FPD-AEMUS Test Prep / Cardiac / Basic Quiz FPD-AEMUS Test Prep / Procedures / Basic - Pericardiocentesis Quiz OB/GYN Test Prep / Obstetrics - Second/ Third Trimester / Thorax & Abnormal Thorax III Quiz	SLS Trauma Care Cases #2 SLS Critical Care Cases #7 SLS Cardiac Resuscitation Cases #7, 8 SLS Early Stage Cases #7, 9 SLS Late Stage Cases #9

Heart Failure with Reduced Ejection Fraction	Heart: Anatomy & Physiology	Cardiology Core Clinical Cases - #2, 6, 9, 10	QuestionBank / Adult Echocardiography / Two-Dimensional Imaging Protocol I Quiz	SLS Critical Care Cases #1, 8 SLS Cardiac Resuscitation Cases #10 SLS Early Stage Cases #6
	Cardiology: Core Clinical	Focused Cardiac Ultrasound (FoCUS) - Part I: Advanced Clinical Cases - #2	QuestionBank / Adult Echocardiography / Color Doppler Imaging (CDI) Quiz	
	FoCUS Part I, II, III: Adv. Clinical	Rapid Ultrasound in Shock (RUSH): Core Clinical Cases - #3, 6	QuestionBank /Adult Echocardiography / M-Mode Measurements Quiz	
	LVAD Problem-Focused Echocardiography: Adv. Clinical		QuestionBank / Adult Echocardiography / Left Ventricular Assist Devices (LVAD) / Case Studies: Mitral Regurgitation, Normal LVAD, Mild-to-Moderate Aortic Regurgitation	
			QuestionBank / Adult Echocardiography /RV/LV Heart Failure / Case Study: Cardiomyopathy; LVEF 15%, Severely Reduced LVEF	
			CCEeXAM® Test Prep / Functional Anatomy / Left Ventricular Function Quiz	
			CCEeXAM® Test Prep / Clinical Diagnosis & Management / Respiratory Failure II, Shock I, II, III, and Acute Cardiovascular Presentations Quizzes	
Knee Joint Injection or Aspiration	Musculoskeletal: Core Clinical	Musculoskeletal Core Clinical Cases - #5		
	U/S-Guided Knee Joint Injection & Aspiration: Procedure	Pediatric Challenge Cases - #3	N/A	N/A
		U/S-Guided Knee Joint Injection & Aspiration: Procedure Cases - All		
Tier Four				
Application	Learn (Courses)	Scan (SonoSimulator Cases)	Study (QuestionBank & Test Prep)	Apply (SonoSim LiveScan)
Hematoma		Soft Tissue Core Clinical Cases - #4, 8		SLS Trauma Care Case #4 SLS Ocular Case #3
		Musculoskeletal Challenges Cases - #11	QuestionBank / Head & Neck / Airway / Case Study: Anterior Neck Hematoma	
	Soft Tissue: Core Clinical	eFAST Protocol: Core Clinical Cases - #4	FPD-AEMUS Test Prep / Soft Tissue / Basic Quiz	
	Musculoskeletal: Core Clinical	Ocular Core Clinical Cases - #2		
		Renal Transplant Ultrasound: Advanced Clinical Cases - #2		

Simple Cyst - Renal	Renal: Core Clinical	Intestinal/Biliary Core Clinical Cases - #1 Renal Core Clinical Cases - #7, 9 Abdomen Challenge Cases - #7 Genitourinary Challenge Cases - #9, 10	QuestionBank / Abdomen / Kidneys & Ureter / Renal Common Pathologies Quiz FPD-AEMUS Test Prep / Renal / Advanced I Quiz	SLS Late Stage Pregnancy Cases #4, 10
Carpal Tunnel Syndrome	Wrist: Anatomy & Physiology Musculoskeletal: Core Clinical	Wrist Anatomy & Physiology Cases - #3	N/A	N/A
Achilles Tear	Ankle: Anatomy & Physiology Musculoskeletal: Core Clinical	MSK Challenge Cases - #3, 13	QuestionBank / Musculoskeletal / Soft Tissue / Sonographic Anatomy & Technique Quiz FPD-AEMUS Test Prep / Musculoskeletal / Basic & Advanced Quizzes	N/A
Fracture	Musculoskeletal: Core Clinical	Musculoskeletal Core Clinical Cases - #1, 2, 3, 6, 7, 8, 9 Musculoskeletal Challenge Cases - #2 Pediatric Challenge Cases - #2	FPD-AEMUS Test Prep / Musculoskeletal / Basic Quiz	N/A
Gallbladder Sludge	Intestinal/Biliary: Core Clinical	"Intestinal/Biliary Core Clinical Cases - #16 Abdomen Challenge Cases - #6, 10 Rapid Ultrasound in Shock (RUSH): Core Clinical Cases - #10	QuestionBank / Abdomen / Gallbladder & Biliary Tract / Case Study: Biliary Sludge & Acute Cholecystitis	N/A
Cholecystitis	Biliary Tree: Anatomy & Physiology Intestinal/Biliary: Core Clinical	Intestinal/Biliary Core Clinical Cases - #3, 6 Abdomen Challenge Cases - #3, 10 Rapid Ultrasound in Shock (RUSH): Core Clinical Cases - #10	QuestionBank / Abdomen / Gallbladder & Biliary Tract / Biliary Tree Common Pathologies & Biliary Tree Sonographic Anatomy & Technique Quizzes QuestionBank / Abdomen / Gallbladder & Biliary Tract / Case Studies: Acute Cholecystitis FPD-AEMUS Test Prep / Hepatobiliary / Basic Quiz	SLS Hepatobiliary Cases #2 SLS Early Stage Pregnancy Cases #2

<i>Uterine Position (i.e. Anteverted, Retroverted)</i>	Bladder: Anatomy & Physiology Bladder: Core Clinical GYN U/S of Nonpregnant Normal Uterus: Adv. Clinical	Female Pelvis: Anatomy & Physiology Cases - #1 OB/GYN Core Clinical Cases - #12, 13, 16, 18 First-Trimester Pregnancy: Advanced Clinical Cases - #9 GYN Ultrasound of Nonpregnant Normal Uterus: Advanced Clinical Cases - #1, 8, 9 GYN Ultrasound of Nonpregnant Abnormal Uterus - Part I: Advanced Clinical Cases - #1, 3, 4, 5, 7, 8, 9, 10 GYN Ultrasound of Nonpregnant Abnormal Uterus - Part II: Advanced Clinical Cases - #1, 2, 4, 5 GYN Ultrasound Normal Adnexa: Advanced Clinical Cases - #3, 6, 7, 8 GYN Ultrasound Nonmalignant Adnexal Conditions: Advanced Clinical Cases - #1, 2, 3, 5, 6, 7, 8, 9 GYN Ultrasound Malignant Adnexal Conditions: Advanced Clinical Cases - #2, 4, 5, 7, 8, 9	QuestionBank / Obstetrics & Gynecology / Gynecology / Female Pelvis Anatomy & Physiology Quiz QuestionBank / Abdomen / Bladder & Lower Urinary Tract / Bladder Sonographic Anatomy & Technique Quiz QuestionBank / Obstetrics & Gynecology / Obstetrics - Second- & Third-Trimester Pregnancy / Second- & Third-Trimester Pregnancy Pathologic Conditions I Quiz FPD-AEMUS Test Prep / Female Pelvis / Basic Gynecology Quiz FPD-AEMUS Test Prep / Renal / Basic & Foundations II Quiz OB/GYN Test Prep / Gynecology - Pelvic Anatomy and Physiology / Uterus I, Uterus II, and Vagina & Cervix Quizzes	N/A
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Multiple Gestation	Six-Step OB Exam: Core Clinical	OB/GYN Core Clinical Cases - #3	QuestionBank / Obstetrics & Gynecology / Obstetrics - First-Trimester Pregnancy / First-Trimester Pregnancy Sonographic Anatomy & Technique Quiz	SLS Early Stage Pregnancy Cases #4
	First-Trimester Pregnancy: Adv. Clinical Second- & Third-Trimester Pregnancy - Part II: Adv. Clinical	Six-Step Obstetric Examination: Core Clinical Cases - #5 Second- & Third-Trimester Pregnancy - Part II: Advanced Clinical Cases - #5, 7	QuestionBank / Obstetrics & Gynecology / Obstetrics - Second- & Third-Trimester Pregnancy / Second- & Third-Trimester Pregnancy Pathologic Conditions I, Second- & Third-Trimester Pregnancy Sonographic Anatomy & Technique II, Six-Step Obstetric Protocol Sonographic Anatomy & Technique I Quizzes FPD-AEMUS Test Prep / Female Pelvis / Advanced Obstetrics - First Trimester Assessment Quiz FPD-AEMUS Test Prep / Female Pelvis / Advanced Obstetrics - Second & Third Trimester Assessment Quiz FPD-AEMUS Test Prep / Female Pelvis / Basic Obstetrics Quiz OB/GYN Test Prep / Obstetrics - First Trimester / Identify Multiple Gestations I & II Quizzes OB/GYN Test Prep / Obstetrics - Second/ Third Trimester / Abnormal Multiple Gestations I & II Quizzes OB/GYN Test Prep / Physics and Instrumentation / Doppler I Quiz	

Amniotic Fluid Measurement	Six-Step OB Exam: Core Clinical First-Trimester Pregnancy: Adv. Clinical Second- & Third-Trimester Pregnancy - Part II: Adv. Clinical	Six-Step Obstetric Examination: Core Clinical Cases - #8, 10 Second- & Third-Trimester Pregnancy - Part II: Advanced Clinical Cases - #1, 2, 3, 4, 6, 8, 9, 10	QuestionBank / Obstetrics & Gynecology / Obstetrics - Second- & Third-Trimester Pregnancy / Second- & Third-Trimester Pregnancy Quizzes FPD-AEMUS Test Prep / Female Pelvis / Advanced Obstetrics - Second & Third Trimester Assessment Quiz OB/GYN Test Prep / Obstetrics - Second/ Third Trimester / Abnormal Amniotic Fluid Volume, Abnormal Genitourinary System I & II, Abnormal Thorax III, Genitourinary System, and Amniotic Fluid Volume Quizzes OB/GYN Test Prep / Protocols and Procedures / Biophysical Profile Quiz	SLS Late Stage Pregnancy Cases #3, 6, 10
Placental Location	Six-Step OB Exam: Core Clinical First-Trimester Pregnancy: Adv. Clinical Second- & Third-Trimester Pregnancy - Part II: Adv. Clinical	Six-Step Obstetric Examination: Core Clinical Cases - #6, 7, 10 First-Trimester Pregnancy: Advanced Clinical Cases - #2, 3, 4, 5 Second- & Third-Trimester Pregnancy - Part I: Advanced Clinical - All	QuestionBank / Obstetrics & Gynecology / Obstetrics - Second- & Third-Trimester Pregnancy / Second- & Third-Trimester Pregnancy Pathologic Conditions II, Six-Step Obstetric Protocol Sonographic Anatomy & Technique I & II Quizzes FPD-AEMUS Test Prep / Female Pelvis / Advanced Obstetrics - Second & Third Trimester Assessment Quiz OB/GYN Test Prep / Obstetrics - First Trimester / Examination Less Than 10 Weeks' Gestation I Quiz OB/GYN Test Prep / Obstetrics - Second/ Third Trimester / Abnormal Placental Attachment, Abnormal Placental Membrane Attachment, Insertion, or Shape, Other Placental & Membrane Abnormalities, Placenta, Placenta Abruptio & Infarction, Placenta Previa Quizzes OB/GYN Test Prep / Protocols and Procedures / Scanning Technique & Patient Preparation II and Sonographer Role in Procedures Quizzes	SLS Late Stage Pregnancy Cases - ALL
Soft Tissue Mass Removal	N/A	N/A	N/A	N/A

<i>Intrauterine Device Placement</i>	GYN U/S of Nonpregnant Abnormal Uterus - Part I: Adv. Clinical	GYN Ultrasound of Nonpregnant Normal Uterus: Advanced Clinical Cases - #3, 5 GYN Ultrasound of Nonpregnant Abnormal Uterus - Part I: Advanced Clinical Cases - #5, 6, 7, 9, 10 GYN Ultrasound Normal Adnexa: Advanced Clinical Cases - #7, 10 GYN Ultrasound Nonmalignant Adnexal Conditions: Advanced Clinical - #2 GYN Ultrasound Malignant Adnexal Conditions: Advanced Clinical Cases - #1 GYN Ultrasound of Nonpregnant Normal Uterus: Advanced Clinical	QuestionBank / Obstetrics & Gynecology / Gynecology / IUD Placement Assessment Quiz FPD-AEMUS Test Prep / Female Pelvis / Advanced Gynecology - Uterus Quiz OB/GYN Test Prep / Gynecology - Pelvic Anatomy and Physiology / Intrauterine Contraceptive Device (IUCD) Location Quiz OB/GYN Test Prep / Physics and Instrumentation / 3D Imaging Quiz OB/GYN Test Prep / Protocols and Procedures / Sonographer Role in Procedures Quiz	N/A
Tier Five				
Application	Learn (Courses)	Scan (SonoSimulator Cases)	Study (QuestionBank & Test Prep)	Apply (SonoSim LiveScan)
<i>Nephrolithiasis</i>	Renal: Core Clinical	Genitourinary Challenge Cases - #8 Renal Core Clinical Cases - #2, 4, 8, 10 eFAST Protocol: Core Clinical Cases - #2	QuestionBank / Abdomen / Bladder & Lower Urinary Tract / Bladder Pathologies & Management Quiz QuestionBank / Abdomen / Kidneys & Ureter / Renal Common Pathologies Quiz FPD-AEMUS Test Prep / Renal / Basic & Advanced I Quizzes	SLS Genitourinary Cases #1, 2, 3, 6, 8, 9 SLS Early Stage Cases #5 SLS Late Stage Cases #10

Shoulder Effusion	Shoulder: Anatomy & Physiology Acromioclavicular Joint Injection & Aspiration: Procedure Subacromial-Subdeltoid Bursa Injection & Aspiration: Procedure Glenohumeral Joint Injection & Aspiration: Procedure Biceps Tendon Sheath Injection: Procedure	Shoulder Anatomy & Physiology Cases - All Introduction to MSK: Anatomy & Physiology Cases - #1 Musculoskeletal Core Clinical Cases - #10 Musculoskeletal Challenge Cases - #2, 14 Soft Tissue Core Clinical Cases - #2, 4 Acromioclavicular Joint Injection & Aspiration: Procedure Cases - All Subacromial-Subdeltoid Bursa Injection & Aspiration: Procedure Cases - All Glenohumeral Joint Injection & Aspiration: Procedure Cases - All Biceps Tendon Sheath Injection: Procedure Cases - All	QuestionBank / Musculoskeletal / Shoulder Quizzes FPD-AEMUS Test Prep / Musculoskeletal / Basic & Advanced Quizzes FPD-AEMUS Test Prep / Procedures / Basic - Musculoskeletal Injection & Aspiration Quiz	N/A
Retinal Detachment	Ocular: Core Clinical	Ocular Core Clinical Cases - #3, 5, 6	QuestionBank / Ocular / Posterior Segment / Case Studies: Retinal Detachment FPD-AEMUS Test Prep / Ocular / Basic Quiz	SLS Ocular Cases #2, 7, 8
Right Ventricular Strain	Cardiology: Core Clinical FoCUS Part I & III: Adv. Clinical	Focused Cardiac Ultrasound (FoCUS) - Part I: Advanced Clinical Cases - #1 Focused Cardiac Ultrasound (FoCUS) - Part II: Advanced Clinical Cases - #7, 10 Pediatric Challenge Cases - #1 Ultrasound-Guided Pericardiocentesis: Procedure Cases - #6, 9	QuestionBank / Adult Echocardiography / Valvular Heart Disease / Case Study: Aortic Regurgitation CCEeXAM® Test Prep / Clinical Diagnosis & Management / Pulmonary Embolism, Respiratory Failure II, Volume Assessment I Quizzes CCEeXAM® Test Prep / Functional Anatomy / Functional Cardiac Anatomy and Right Ventricle Quizzes FPD-AEMUS Test Prep / Cardiac / Foundations I Quiz FPD-AEMUS Test Prep / Chest & Lung / Advanced Quiz	SLS Cardiac Resuscitation Cases #3

<i>Left Ventricular Hypertrophy</i>	FoCUS Part II & III: Adv. Clinical	Focused Cardiac Ultrasound (FoCUS) - Part I: Advanced Clinical Cases - #5, 9 Focused Cardiac Ultrasound (FoCUS) - Part II: Advanced Clinical Cases - #9, 10 Rapid Ultrasound in Shock (RUSH): Core Clinical Cases - #1, 9 Pericardiocentesis Cases - #1, 4, 7, 8, 9, 10	QuestionBank / Adult Echocardiography / Valvular Heart Disease / Case Study: Left Ventricular Hypertrophy CCEeXAM® Test Prep / Clinical Diagnosis & Management / Cardiomyopathy Quiz CCEeXAM® Test Prep / Functional Anatomy / Functional Cardiac Anatomy and Left Ventricular Chamber Quantification Quizzes FPD-AEMUS Test Prep / Cardiac / Advanced II Quiz	SLS Cardiac Resuscitation Cases - #6 SLS Late-Stage Pregnancy Cases - #2
<i>Dilated Cardiomyopathy</i>	FoCUS Part II & III: Adv. Clinical	Cardiology Core Clinical Cases - #6, 9, 19 Focused Cardiac Ultrasound (FoCUS) - Part I: Advanced Clinical Cases - #2, 8 Rapid Ultrasound in Shock (RUSH): Core Clinical Cases - #3	QuestionBank / Adult Echocardiography / RV/LV Heart Failure / Case Study: Cardiomyopathy; LVEF 15% CCEeXAM® Test Prep / Clinical Diagnosis & Management / Cardiomyopathy Quiz OB/GYN Test Prep / Obstetrics - Second/ Third Trimester / Abnormal Fetal Heart I Quiz	SLS Critical Care Cases - #8 SLS Cardiac Resuscitation Cases - #10 SLS Late-Stage Pregnancy Cases - #6

Cardiac Tamponade	Cardiology: Core Clinical eFAST Protocol: Core Clinical FAST Protocol: Core Clinical U/S Guided Pericardiocentesis: Procedure	Cardiology Core Clinical Cases - #14 Ultrasound-Guided Pericardiocentesis: Procedure Cases - All	QuestionBank / Adult Echocardiography / Additional Techniques / Additional Techniques Quiz QuestionBank / Adult Echocardiography / Color Doppler Imaging (CDI) / Color Doppler Imaging (CDI) Quiz QuestionBank / Adult Echocardiography / The Limited Transthoracic Examination / The Limited Transthoracic Examination Quiz QuestionBank / Adult Echocardiography / Two-Dimensional Measurements / Two-Dimensional Measurements I Quiz QuestionBank / Adult Echocardiography / Diseases of the Aorta / Case Study: Aortic Dissection QuestionBank / Adult Echocardiography / Pericardial Disease / Case Studies: Pericardial Effusion and Cardiac Tamponade CCEeXAM® Test Prep / Clinical Diagnosis & Management /Acute Cardiovascular Presentations, Aortic Dissection, Cardiac Arrest, Cardiomyopathy, Shock II, Shock III Quizzes CCEeXAM® Test Prep / Functional Anatomy / Pericardium Quiz FPD-AEMUS Test Prep / Cardiac / Basic Quiz FPD-AEMUS Test Prep / Integrated Examinations & Syndromes /Basic Trauma Primary Survey Quiz FPD-AEMUS Test Prep /Procedures / Basic - Pericardiocentesis Quiz	SLS Cardiac Resuscitation Cases - #7
Paracentesis	Ultrasound-Guided Paracentesis: Procedure	Ultrasound-Guided Paracentesis: Procedure Cases - All	FPD-AEMUS Test Prep / Other Abdomen Non-Trauma / Basic Quiz FPD-AEMUS Test Prep / Procedures / Basic - Paracentesis Quiz	N/A

***This curriculum mapping serves as a recommended framework and sample guide. Final review, alignment, and customization remain at the discretion of the client to best fit their unique program objectives. Our broader library contains a wide range of supplemental content and alternative cases that may be relevant to your educational goals and objectives upon final review.*