



PGY-1 Ultrasound Rotation

Rotation Requirements:

- ☐ **EM Sono Core Modules** (see below)
- ☐ **EM Sono Cases**
 - Complete 5 random cases
- ☐ **Scan with Emergency Ultrasound Faculty (Scanning Shifts)**
 - Refer to [AGMC EUS Google Calendar](#) for specific dates & times
- ☐ **Scan in the ED by yourself or with other student/residents on the rotations at minimum once per week**
- ☐ **For Educational Scans done on your scanning shifts, you must complete the Qpath-E™ Worksheets and submit them for QA review**
 - <http://qpath.cc.ad.cchs.net> or <http://agmc.org/qpath>
- ☐ **NEW REQUIREMENT: at home scanning with handheld ultrasounds**
 - Available machines: Watkin's Clarius, Stow GE VScan, Makowski's Butterfly IQ+
 - Please contact the above faculty members to arrange borrowing a probe
 - You must fill out the log when borrowing so we can keep track of the probes:
 - [CCAG Handheld Log](#)
- ☐ **SonoSim Cases**
 - Contact Trisha Kick (kickt@ccf.org) from the Sim Center to schedule a time to have the SonoSim set up and do the cases. Either print out or take a picture of completed cases, then add them to your OneNote Notebook for credit.

PGY-1 EM Sono Modules	
<input type="checkbox"/>	Practical Scanning
<input type="checkbox"/>	eFAST
<input type="checkbox"/>	Vascular Access
<input type="checkbox"/>	First Trimester OB
<input type="checkbox"/>	Soft Tissue
<input type="checkbox"/>	Aorta
<input type="checkbox"/>	Focused Echo Introductory

Optional Considerations:

- Spend time in the ED/Sim Center performing ultrasound-guided venous access and/or nerve blocks
- Scan with Echo Tech in the Echo Lab & interpret scans with the Cardiologist
- Arrange scanning at Akron Children's with Danielle Paulin (dpaulin@akronchildrens.org)
- Review other FOAMed Resources
 - See the "[Educational Resources](#)" page on the Rubber City Sono website for resource recommendations
- Read Ma & Mateer's Emergency Ultrasound
 - Hard copy is available in the Ultrasound Office
 - Electronic access can be found on the "[Educational Resources](#)" website page
- Read other Ultrasound-Related Books located in the Ultrasound Office
- Review other recommended videos or previously recorded conference lectures
 - Prior recorded lectures are located on the "[Lectures & Videos](#)" website page
 - Check out our YouTube Channel [@RubberCitySono](#) for playlists with recommended videos on Ultrasound-Guided Procedures, Nerve Blocks/Regional Anesthesia, Machine Operations, and other lectures given by our Ultrasound Faculty
- Ask around for access to Q-Banks (including Ultrasound Chief, Fellow, Director, etcetera)!





PGY-2 Ultrasound Rotation

Rotation Requirements:

- ☐ **EM Sono Core & Advanced Modules** (see below)
- ☐ **EM Sono Cases**
 - Complete 5 random cases
- ☐ **Scan with Emergency Ultrasound Faculty (Scanning Shifts)**
 - Refer to [AGMC EUS Google Calendar](#) for specific dates & times
- ☐ **Scan in the ED by yourself or with other student/residents on the rotations at minimum once per week**
- ☐ **For Educational Scans done on your scanning shifts, you must complete the Qpath-E™ Worksheets and submit them for QA review**
 - <http://qpath.cc.ad.cchs.net> or <http://agmc.org/qpath>
- ☐ **NEW REQUIREMENT: at home scanning with handheld ultrasounds**
 - Available machines: Watkin's Clarius, Stow GE VScan, Makowski's Butterfly IQ+
 - Please contact the above faculty members to arrange borrowing a probe
 - You must fill out the log when borrowing so we can keep track of the probes:
 - [CCAG Handheld Log](#)
- ☐ **SonoSim Cases**
 - Contact Trisha Kick (kickt@ccf.org) from the Sim Center to schedule a time to have the SonoSim set up and do the cases. Either print out or take a picture of completed cases, then add them to your OneNote Notebook for credit.

PGY-2 EM Sono Modules			
Core Modules		Advanced Modules	
<input type="checkbox"/>	Gallbladder	<input type="checkbox"/>	Advanced Cardiac
<input type="checkbox"/>	Focused Renal	<input type="checkbox"/>	Thoracic
<input type="checkbox"/>	Lower Extremity DVT	<input type="checkbox"/>	GYN & Ectopic
<input type="checkbox"/>	Ocular		
<input type="checkbox"/>	Tendon		
<input type="checkbox"/>	RUSH Exam		

Optional Considerations:

- Spend time in the ED/Sim Center performing ultrasound-guided venous access and/or nerve blocks
- Scan with Echo Tech in the Echo Lab & interpret scans with the Cardiologist
- Arrange scanning at Akron Children's with Danielle Paulin (dpaulin@akronchildrens.org)
- Review other FOAMed Resources
 - See the "[Educational Resources](#)" page on the Rubber City Sono website for resource recommendations
- Read Ma & Mateer's Emergency Ultrasound
 - Hard copy is available in the Ultrasound Office
 - Electronic access can be found on the "[Educational Resources](#)" website page
- Read other Ultrasound-Related Books located in the Ultrasound Office
- Review other recommended videos or previously recorded conference lectures
 - Prior recorded lectures are located on the "[Lectures & Videos](#)" website page
 - Check out our YouTube Channel [@RubberCitySono](#) for playlists with recommended videos on Ultrasound-Guided Procedures, Nerve Blocks/Regional Anesthesia, Machine Operations, and other lectures given by our Ultrasound Faculty!
- Ask around for access to Q-Banks (including Ultrasound Chief, Fellow, Director, etcetera)





PGY-3 Ultrasound Elective

4 Week Elective Requirements:

- ☐ **Complete a "SonoSnack" and send to Ultrasound Director**
- ☐ **EM Sono Modules:** Complete remaining Advanced Modules
- ☐ **EM Sono Cases**
 - Complete 10 random cases
- ☐ **Scan with Emergency Ultrasound Faculty (Scanning Shifts)**
 - Refer to [AGMC EUS Google Calendar](#) for specific dates & times
- ☐ **Scan in the ED by yourself or with other student/residents on the rotations at minimum once per week**
- ☐ **For Educational Scans done on your scanning shifts, you must complete the Qpath-E™ Worksheets and submit them for QA review**
 - <http://qpath.cc.ad.cchs.net> or <http://agmc.org/qpath>
- ☐ **Complete any needed remediation**

2 Week Elective Requirements:

- ☐ **Complete a "SonoSnack" and send to Ultrasound Director**
- ☐ **EM Sono Modules:** Complete at least 2 Advanced Modules of your choice
- ☐ **Scan with Emergency Ultrasound Faculty (Scanning Shifts)**
 - Refer to [AGMC EUS Google Calendar](#) for specific dates & times
- ☐ **Scan in the ED by yourself or with other student/residents on the rotations at minimum once per week**
- ☐ **For Educational Scans done on your scanning shifts, you must complete the Qpath-E™ Worksheets and submit them for QA review**
 - <http://qpath.cc.ad.cchs.net> or <http://agmc.org/qpath>
- ☐ **Complete any needed remediation**

PGY-3 EM Sono Advanced Modules	
<input type="checkbox"/>	Pediatric Abdomen
<input type="checkbox"/>	Adult Abdomen
<input type="checkbox"/>	Doppler Ultrasound
<input type="checkbox"/>	Second and Third Trimester OB
<input type="checkbox"/>	Testicular

SonoSnack Description:

- Select an ultrasound-related topic of your interest and review content
- Make it into a shareable, easily digestible format to be sent out to students, residents, and faculty members
 - Format examples include: PowerPoint, PDF, Video, Audio, etc...
 - Feel free to reach out to Brian Makowski for prior examples or if you would like to collaborate on creating your SonoSnack into a "OnePager"
- Send to the Ultrasound Director by the end of the rotation





PGY-3 Ultrasound Elective, cont...

Optional Considerations:

- Spend time in the ED/Sim Center performing ultrasound-guided venous access and/or nerve blocks
- Scan with Echo Tech in the Echo Lab & interpret scans with the Cardiologist
- Arrange scanning at Akron Children's with Danielle Paulin (dpaulin@akronchildrens.org)
- Review other FOAMed Resources
 - See the "[Educational Resources](#)" page on the Rubber City Sono website for resource recommendations
- Read Ma & Mateer's Emergency Ultrasound
 - Hard copy is available in the Ultrasound Office
 - Electronic access can be found on the "[Educational Resources](#)" website page
- Read other Ultrasound-Related Books located in the Ultrasound Office
- Review other recommended videos or previously recorded conference lectures
 - Prior recorded lectures are located on the "[Lectures & Videos](#)" website page
 - Check out our YouTube Channel [@RubberCitySono](#) for playlists with recommended videos on Ultrasound-Guided Procedures, Nerve Blocks/Regional Anesthesia, Machine Operations, and other lectures given by our Ultrasound Faculty!
- Ask around for access to Q-Banks (including Ultrasound Chief, Fellow, Director, etcetera)





CCAG EM Sono Completion Checklist (12/17/2024):

PGY-1:

- Core Modules
 - Practical Scanning
 - eFAST
 - Vascular Access
 - 1st Trimester OB
 - Soft Tissue
 - Aorta
 - Focused Echo
- Complete 5 Random Cases

PGY-2:

- Core Modules
 - Gallbladder
 - Renal
 - LE DVT US
 - Ocular
 - Tendon
 - RUSH Exam
- Advanced Modules
 - Advanced Cardiac
 - Thoracic
 - Soft Tissue/MSK
 - GYN and Ectopic
- Complete 5 Random Cases

PGY-3 (Elective):

- Complete Remaining Advanced Modules:
 - Pediatric Abdomen
 - Adult Abdomen
 - Doppler Module
 - Second and Third Trimester OB
 - Testicular US
- Complete 10 Random Cases

