

Flex Week Proposal:

Title	ECG Interpretation: Beyond Recognition	
Experience Category [bold your category]	Clinical shadowing Research-related Community Service	<u>Professional Enrichment Courses (PECs)</u> Professional Development Wellness
	Other:	
Goal	<p>Provide a review of the normal electrical depolarization patterns and the typical 12-lead ECG</p> <p>Generate illustrative explanations of the electrical activity behind many individual ECG arrhythmias and abnormalities</p> <p>Discuss several case presentations of emergency ECG abnormalities and management strategy based on a simple ECG</p> <p>Predict and create ECG rhythms when presented with illustrative examples of abnormal electrical depolarization patterns</p>	
Brief Description	<p>Many medical students who look at an ECG today instinctively resort to pattern recognition when asked to identify an abnormal finding (e.g. “saw-tooth pattern” means atrial flutter; “rabbit ears” means a right bundle branch block). This is an ineffective means of ECG interpretation. Rote memorization of ECG patterns does little to promote an understanding of the basic pathophysiology behind arrhythmias and other abnormalities. The goal of this mini-elective is to present an interactive and in-depth examination of the electrical pathophysiology behind the patterns that are associated with common emergency arrhythmias and ECG abnormalities. Developing an understanding of these mechanisms will allow the student to interpret a variety of pathology simply by being able to explain the electrical activity and depolarization patterns within the myocardium.</p>	
Organizer	Jason Chang	
Admin Coordinator (contact info)	Jason Chang	
Department	Emergency Medicine	
Capacity (# students)	15	
Location	Scaife Hall	
Reporting Info/First Day Location	Scaife Hall (report to reserved room)	

Maximum # of students	15
Minimum # of students	6

MS1 (Class of 2028)			
Week	Start Date (Mon)	End Date (Fri)	Available?
5	TUE 9/3/2024	9/6/2024	
12	TUE 10/22/2024	10/25/2024	
26	1/27/2025	1/31/2025	
30	2/24/2025	2/28/2025	
59	9/16/2025	9/20/2025	
MS2 (Class of 2027)			
Week	Start Date (Mon)	End Date (Fri)	Available?
59	9/16/24	9/20/24	
70	12/2/2024	12/6/2024	x

Weekly Schedule (5 hours/day with 2 hours synchronous activity; Avg. 25 hours per week)

	MON	TUE	WED	THU	FRI
AM	10a-12p	10a-12p	10a-12p	10a-12p	
PM					

Please be as descriptive as possible as schedule will be made available to students

Schedule splitting:	Partial OK
Would it be possible for students to take SOME of the weekly schedule (e.g., just mornings or just a few half-days), or would you prefer that a student take the schedule in its entirety?	Full attendance is preferred
[bold your choice]	
If so above, please designate which parts of your schedule this would impact	

NOTES:

- Schedules should have activities for students at least 5hr/dy, with at least 2hr/dy synchronous
- Unlike PEC's, students will not receive grades/certificates for flex week completion