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Interprofessional communication in the cardiac catheterization laboratory cardiology

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We are  Advocate Aurora Health



NI VII Meeting Four – Capstone Presentation
Cohort Four: Teaming to Improve Care

INTERPROFESSIONAL COMMUNICATION IN THE CARDIAC CATHETERIZATION LABORATORY

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Cardiology, Electrophysiology, and Interventional Cardiology Fellowship

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Q1. What did you hope to accomplish?

- Improve communication/feedback between fellows & faculty

- Improved the effectiveness and efficiency of the Cardiac Cath Lab (CCL)

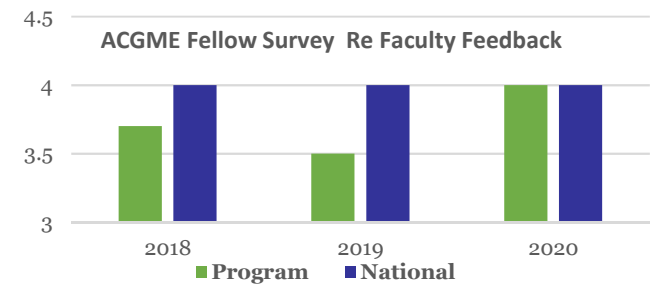


Q2. What were you able to accomplish?

COMMUNICATION & FEEDBACK

- Explicitly defined CCL fellow's performance expectations x PGY status, with level of supervision x whom (attending, IC fellow)
- Feedback training to Faculty & Fellows focused on actionable, brief feedback
 - Need for frequent feedback, formality, timing (pre-post procedure) with improved CCL communication

CARDIAC CATH LAB PGY Year and Rotation/Semester → Objectives w Levels of Supervision ↓	1 st Yr PGY4/Fel1	2 nd Year PGY5/Fel2			3 rd Year PGY6/Fel 3	Interv PGY7	
	No formal lab rot	1 st & 2 nd Blk	3 rd & 4 th Blk	5 th & 6 th Blk		1 st Sem	2 nd Sem
Level of Supervision*		A	B	C	D	E	F
Communication/feedback *		A	B	C	D	E	E
MEDICAL KNOWLEDGE: ASSUMES PRIOR LEVEL KNOWLEDGE UNLESS OTHERWISE NOTED							
1. Coronary anatomy as pertaining to LV function and wall motion	1						
2. Coronary anatomy and role with patients presenting with Acute Coronary Syndrome	1						
3. Indications for invasive diagnostics	1						
4. Basic understanding Coronary Angiogram films and views <ul style="list-style-type: none"> ○ Identification of view and projection ○ Identification of coronary anatomy ○ Identification of basic angiographic abnormalities 	1						
5. Procedural H&P, sedation note, AUC, consent			1				



EFFICIENCY

- Increased frequency of earlier procedural case assignment to the fellows
- Increase in procedure consent secured for in office for outpatient procedures through improved workflows



Q3. Knowing what you know now, what might do differently?

- **Establish clear expectations for team participation**
 - > Clear accountabilities
 - > Supported by each interprofessional team members respective supervisors to avoid things occurring at last minute
- **Focus post cath procedure feedback by**
 - > Creating and posting small short laments feedback checklist to assure key features are addressed
 - > These structured expectations would build on the success of the fellows' expectations by block x PGY year – providing both fellows and faculty with clear expectations and accountabilities



Q4. What surprised you and why?

- **Project Leader work one-on-one with team members**
 - > Team meetings rare
- **Feedback:**
 - > Attendings appear to be providing increased feedback despite extremely busy clinical practice – there is time!



Q5. Cohort Four – Expectations versus Results

- 7/10 rating
- **Changing the culture** of a high-volume interprofessional procedure lab (eg, cardiology) occurs over time
- **Visible progress** was made towards achieving our aims with more work to be done

