Introducing On-Call into Medical Student Radiology Clerkship: Our Experience

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On-Call in Radiology?

Surgery, Medicine, OB GYN, Pediatrics- all have on-call

OBJECTIVES:
Evaluate on call experiences
Do students like on call radiology?
**Show students the role of radiology in patient management
Methods

2 evenings, 2 hours (5-7 PM, THAT’S ENOUGH) in 4 weeks

- 15% of final grade
- Tasks: observe and help resident, make calls, go to ED, google references, review images, etc.
- Passport
- Evaluation
Student Perception of On-Call Utility

n=167

- Not useful: 10
- Somewhat useful: 83
- Very useful: 74

Number of medical students
Student Satisfaction with Resident On-Call

n=168

Number of medical students

- Very unsatisfied: 2
- Unsatisfied: 3
- Undecided: 47
- Satisfied: 116

Very Satisfied
Student Duties Completed While On-Call

n=169

- Saw Patient: 32
- Called PCP: 26
- Looked up References: 27
- Accompanied Patient for exam or Proce: 27
- Reviewed patient PMHx/P. Imaging: 24
- Interpreted Imaging: 72
- Generated differential: 20
- Reviewed case with resident: 4
- Identified anatomy: 11
- Cooperation / Consult: 28
- Discussed patient plan: 7
- Overview of imaging modalities: 3
- Number of medical students: 123
CONCLUSION

- Medical student/future physician recognizes importance of imaging in 24 hour patient care!
- 98% are satisfied with the experience
COMMENTS

- More time with residents
- Good learning experience
- High volume of cases for learning
- Diverse variety of cases
- Similar cases as seen during the day
- Residents are busy and may not have time for teaching
- Inconvenient hours because of traffic
- Allowed only one student per night, limiting schedule flexibility
What hurdles are preventing you from implementing student on-call?

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Thank You!