

Section V. Residents

CAMPEP Self Study Workshop

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Section V. Residents

- A. Admissions**
- B. Recruitment Efforts**
- C. Enrolment**
- D. Evaluation of Resident Progress**
- E. New Resident Orientation**
- F. Safety**

Section V.A. Admissions

- **Clearly define**
 - application process, admission standards
- **Option 1: Require degree from CAMPEP graduate program**
- **Option 2: Show how missing elements of Report 79 will be provide**

Residents from non-CAMPEP graduate programs

- **Courses for Medical Residents, technologists, & dosimetrists are inadequate**
- **Program must provide:**
 - **Mechanism of resident receiving didactic training while maintaining 2 full years of clinical training, and**
 - **Mechanism to evaluate successful completion prior to program completion**

Univ Iowa Model

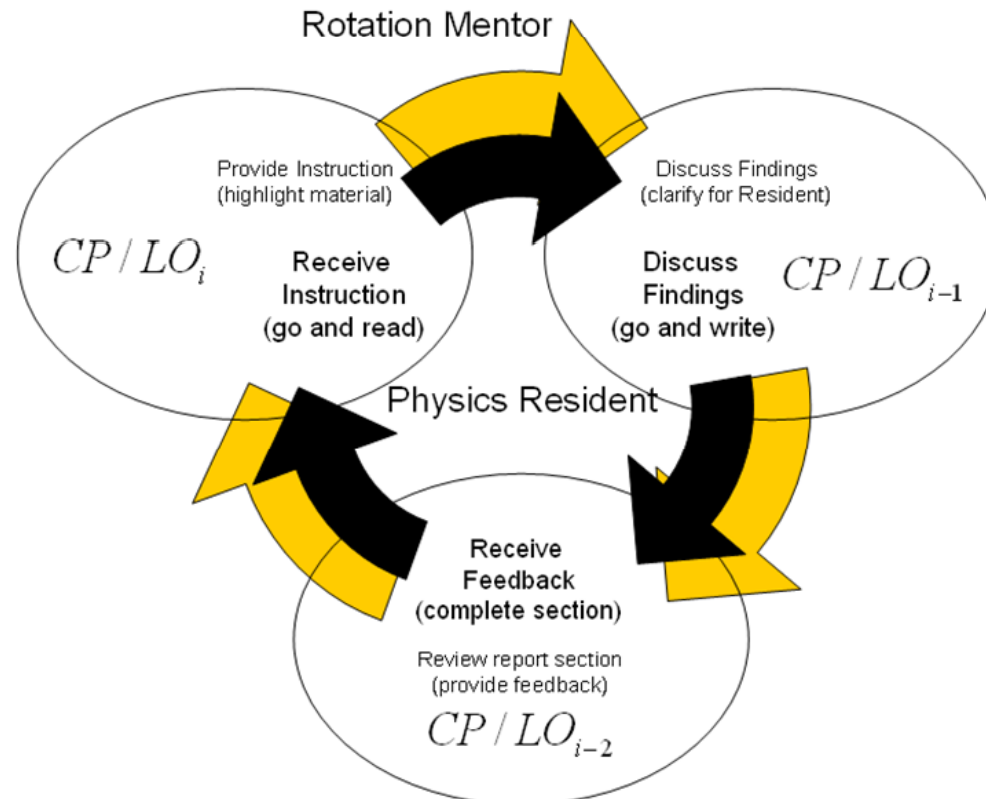
Mentor:

- **Identify didactic requirements from AAPM report 79 at the beginning of the rotation**
- **Along with resident, reconcile report 79 with the deficiencies within the particular resident's background and itemize didactic learning objectives**
- **Schedule ~ 3 one hour sessions per week with resident**
- **Outline the didactic learning objectives (LO) and review clinical processes (CP) within the Clinical Rotation Plan**
- **Assign reading/homework/lab/etc and deliverables for next meeting (first discussion, then report section)**
- **Provide brief (~15 minute) overview of topic to be studied and reviewed in following meeting, highlighting the most important bits**

Univ Iowa Model

For each clinical process (CP) and didactic learning objective (LO) of all (N) identified

$$\sum_{i=1}^N CP / LO_i$$



Section V.A. Admissions

Self study should:

- Describe timelines and methods of processing
- Describe evaluation process
- Describe notification process

Make all records available for site review team

Univ Iowa Model – Who to Interview?

Process for Selection of Medical Physics Residency Applicants to Interview

Identify total number of applicants (N) and the number of Medical Physics faculty members reviewing applications (M). Let i represent each Medical Physics faculty member in the following order: [Earl, Tim, Yusung, Joe, Murugan, John, Sarah, Alf, Ryan, Ed]

So, the i^{th} physicist's batch to review, the first application reviewed will begin with the following applicant on the list:

For $i = 1$ to M,

$$\text{application \#} = (i-1) \times \frac{N}{M} + 1$$

and the last application reviewed will be:

$$\text{application \#} = (i+2) \times \frac{N}{M} + 1$$

Each applicant will be reviewed by at least 3 faculty members. The reviewer will select and rank their top 6 applicants in order from their batch of applications, 1 being the highest rank. All applicants not receiving a ranking between 1-6 will be given a ranking of 10. By Tuesday at 8 am all rankings will be given to Diane, who will establish the initial ranking order. Applicants in ranking order between 8-16 will be discussed during our meeting to identify the 12 individuals to whom an interview will be extended.

Univ Iowa Model – Who to Interview?

C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U	V	W
Nixon	5													Siochi	10	Ryan	10	Pennington	1	6.50
Nixon	10													Siochi	5	Ryan	10	Pennington	10	8.75
Nixon	10															Ryan	5	Pennington	6	7.00
Nixon	10															Ryan	10	Pennington	10	10.00
Nixon	10															Ryan	10	Pennington	10	10.00
Nixon	2	Waldron	1													Ryan	3	Pennington	2	2.00
Nixon	10	Waldron	10													Ryan	10	Pennington	10	10.00
Nixon	10	Waldron	10															Pennington	10	10.00
Nixon	10	Waldron	10															Pennington	10	10.00
Nixon	1	Waldron	2															Pennington	3	2.00
Nixon	3	Waldron	5	Kim	1													Pennington	5	3.50
Nixon	6	Waldron	4	Kim	10													Pennington	10	7.50
Nixon	10	Waldron	10	Kim	10															10.00
Nixon	4	Waldron	10	Kim	10															8.00
Nixon	10	Waldron	10	Kim	10															10.00
Nixon	10	Waldron	10	Kim	10	Modrick	10													10.00
		Waldron	10	Kim	10	Modrick	10													10.00
		Waldron	10	Kim	4	Modrick	5													6.33
		Waldron	6	Kim	4	Modrick	3													4.33
		Waldron	10	Kim	10	Modrick	10													10.00
		Waldron	3	Kim	2	Modrick	2	Murugan	10											4.25
				Kim	10	Modrick	10	Murugan	10											10.00
				Kim	3	Modrick	1	Murugan	1											1.67
				Kim	10	Modrick	10	Murugan	4											8.00
				Kim	6	Modrick	10	Murugan	10											8.67
				Kim	10	Modrick	10	Murugan	10	Bayouth	10									10.00
						Modrick	4	Murugan	2	Bayouth	1									2.33
						Modrick	10	Murugan	10	Bayouth	10									10.00
						Modrick	10	Murugan	10	Bayouth	10									10.00
						Modrick	6	Murugan	5	Bayouth	3									4.67
						Modrick	10	Murugan	10	Bayouth	10	McGuire	10							10.00
								Murugan	10	Bayouth	10	McGuire	5							8.33
								Murugan	3	Bayouth	10	McGuire	10							7.67
								Murugan	6	Bayouth	10	McGuire	10							8.67
								Murugan	10	Bayouth	10	McGuire	10							10.00
								Murugan	10	Bayouth	10	McGuire	10	Siochi	10					10.00
										Bayouth	4	McGuire	1	Siochi	1					2.00
										Bayouth	6	McGuire	10	Siochi	10					8.67
										Bayouth	5	McGuire	10	Siochi	10					8.33
										Bayouth	10	McGuire	6	Siochi	10					8.67
										Bayouth	2	McGuire	4	Siochi	3	Ryan	1			2.50
												McGuire	10	Siochi	10	Ryan	10			10.00
												McGuire	2	Siochi	2	Ryan	4			2.67
												McGuire	10	Siochi	6	Ryan	10			8.67
												McGuire	10	Siochi	10	Ryan	10			10.00
												McGuire	3	Siochi	10	Ryan	10	Pennington	10	8.25
														Siochi	4	Ryan	2	Pennington	10	5.33



Section V.B&C

Recruitment/Enrollment

Have a wide reaching recruitment and open effort

Consensus agreement of AAPM
WGCMRP

- Application deadline December 15, 2008
- Interviews at institution's discretion
- Offer letters to go out first Friday in March (5th in 2009)
- Response required within 5 days.

Document details of those enrolled

Section V.D Evaluation of Resident Progress

Many approaches to evaluation

- Written reports**
- Oral Examinations**
- Quarterly reviews**

Must address the process of assisting the failing resident

Section V. New Resident Orientation

Resident Orientation

- Overview of the Department
- Hospital/University orientation
- Professionalism / Dress Code
- Expectations of Professionalism

Travel, Vacation, Leaves, Interview Time, Book Money

- Travel Reimbursement
- Vacation and Leaves
- Interview Time
- Book Money

Overview of Evaluations

- Rotation Evaluation of Residents by Faculty
- Progress Reports

Section V.F. Safety

**Residents should be made aware
of potential hazards**

**Program should have introductory
safety training in radiation
protection, dangers of high voltage**

General hospital precautions