UNC Hospitals Medical Dosimetry Program

Assessment Plan: Analysis and Actions
Fall (1st semester) 2022 – Summer (3rd semester) 2023

Mission Statement: The UNC Hospitals Medical Dosimetry Program will produce competent, educated, and professional entry-level medical dosimetrists who will participate in scholarly activity and enhance overall patient care (JRCERT Standard 1.1).

Goal 1: Students will be clinically competent.

Outcomes	Measurement	Benchmarks	Timeframes	Responsible	Results	Metrics	Action Plan
	Tools			Party			
Students will	Formative:	At least a 4-	1 st semester	Program	2023 (n = 2):	Data for 2024	The students
demonstrate	Overall	on the 5-point		Director	5	will be added	met the
acquisition of	evaluation	scale		(reported		for	benchmark.
correct	(Clinical			annually to		comparison.	The program
dosimetry	Performance)			the			will monitor
treatment				Development			next year's
planning				Committee)			data to
skills.							determine if
							this is an
							appropriate
							measurement
							tool and
							benchmark.
	Summative:	At least a 4.5	Annually	Program	2023 (n = 2):	Data for 2024	Data for 2023
	Employer	on the 5-point		Director		will be added	will be
	survey (IIJ)	scale		(reported		for	collected and
				annually to		comparison.	entered in
				the			

				Development Committee)			December 2023.
Students will evidence competency in treatment.	Formative: Weekly evaluation (I5)	At least a 4 on the 5-point scale	1 st semester	Program Director (reported annually to the Development Committee)	2023 (n = 2): 5	Data for 2024 will be added for comparison.	The students met the benchmark. The program will monitor next year's data to determine if this is an appropriate measurement tool and benchmark.
	Summative: Employer Survey (IIG)	At least a 4.5 on the 5-point scale	Annually	Program Director (reported annually to the Development Committee)	2023 (n = 2):	Data for 2024 will be added for comparison.	Data for 2023 will be collected and entered in December 2023.

Goal 2: Students will demonstrate effective communication skills.

Outcomes	Measurement Tools	Benchmarks	Timeframe	Responsible Party	Results	Metrics	Action Plans
Students will effectively communicate with patients, medical dosimetrists, faculty, and staff.	Formative: Weekly evaluation (III1)	At least a 4 on the 5-point scale	Annually	Program Director (reported annually to the Development Committee)	2023 (n = 2): 5	Data for 2024 will be added for comparison.	The students met the benchmark. The program will monitor next year's data to determine if this is an appropriate measurement tool and benchmark.
	Summative: Employer Survey (IIIK)	At least a 4.5 on the 5- point scale	Annually	Program Director (reported annually to the Development Committee)	2023 (n = 2):	Data for 2024 will be added for comparison.	Data for 2023 will be collected and entered in December 2023.
Students will write at a proficient level by graduation.	Formative: MD500 Professionalism Written Report	A grade of at least 40/50 (80%)	1 st semester	Program Director (reported annually to the Development Committee)	2023 (n = 2): 49/50 (98%)	Data for 2024 will be added for comparison.	The students met the benchmark. The program will monitor next year's data to determine if this is an appropriate measurement

						tool and
						benchmark.
Summative:	A grade of	3 rd semester	Program	2023 (n =	Data for 2024	Data for 2023
MD505 Research	at least		Director	2):	will be added	will be collected
Project	40/50 (80%)		(reported		for	and entered in
	on the final		annually to		comparison.	June 2023.
	paper		the			
			Development			
			Committee)			

Goal 3: Students will develop critical thinking skills.

Outcomes	Measurement Tools	Benchmarks	Timeframe	Responsible Party	Results	Metrics	Action Plans
Students will apply didactic concepts and information in the clinical setting.	Formative: Weekly evaluation (II3)	At least a 4 on the 5-point scale	1 st semester	Program Director (reported annually to the Development Committee)	2023 (n = 2): 5	Data for 2024 will be added for comparison.	The students met the benchmark. The program will monitor next year's data to determine if this is an appropriate measurement tool and benchmark.
	Summative: Overall evaluation (Clinical Performance)	At least a 4.5 on the 5-point scale	3 rd semester	Program Director (reported annually to the Development Committee)	2023 (n = 2):	Data for 2024 will be added for comparison.	Data for 2023 will be collected and entered in June 2023.
Students will conceptualize current patient safety radiation therapy Lean A3	Formative: MD509 A3 worksheet assignment	A grade of at least 40/50 (80%)	1 st semester	Program Director (reported annually to the Development Committee)	2023 (n = 2): 50/50 (100%)	Data for 2024 will be added for comparison.	The students met the benchmark. The program will monitor next year's data to

engineering							determine if
principles.							this is an
							appropriate
							measurement
							tool and
							benchmark.
	Summative:	2/2 (100%)	1 st semester	Program	2023 (n = 2):	Data for 2024	The students
	MD509 Test	answer		Director	2/2 (100%)	will be added	met the
	Question 4	correctly		(reported		for	benchmark.
				annually to		comparison.	The program
				the			will monitor
				Development			next year's
				Committee)			data to
							determine if
							this is an
							appropriate
							measurement
							tool and
							benchmark.

Goal 4: Students will grow and develop professionally.

Outcomes	Measurement Tools	Benchmarks	Timeframe	Responsible Party	Results	Metrics	Action Plans
Students will demonstrate professional behaviors.	Formative: Overall evaluation (Professional Appearance)	At least a 4 on the 5-point scale	1 st semester	Program Director (reported annually to the Development Committee)	2023 (n = 2): 5	Data for 2024 will be added for comparison.	The students met the benchmark. The program will monitor next year's data to determine if this is an appropriate measurement tool and benchmark.
	Summative: Graduate Survey (IIIL)	At least a 4.5 on the 5- point scale	Annually	Program Director (reported annually to the Development Committee)	2023 (n = 2): 5	Data for 2024 will be added for comparison.	Data for 2023 will be collected and entered in December 2023.
Students will participate in continuing education.	Formative: Student is a member of a professional organization.	½ (50%) are a member	1 st semester	Program Director (reported annually to the Development Committee)	2023 (n = 2): 50%	Data for 2024 will be added for comparison.	The students met the benchmark. The program will monitor next year's data to

Charles to a 'II	Summative: Graduate Survey (IVD)	2/2 (100%) answer yes	Annually	Program Director (reported annually to the Development Committee)	2023 (n = 2): 2/2 (100%)	Data for 2024 will be added for comparison.	determine if this is an appropriate measurement tool and benchmark. Data for 2023 will be collected and entered in December 2023.
Students will communicate professionally both orally and through the written word.	Formative: MD500 Professionalism Oral Report	A grade of at least 20/25 (80%)	1 st semester	Program Director (reported annually to the Development Committee)	2023 (n = 2): 23.5 (94%)	Data for 2024 will be added for comparison.	The students met the benchmark. The program will monitor next year's data to determine if this is an appropriate measurement tool and benchmark.
	Summative: MD505 Research Presentation	A grade of at least 16/20 (80%)	3 rd semester	Program Director (reported annually to the	2023 (n = 2):	Data for 2024 will be added for comparison.	Data for 2023 will be collected and entered in June 2023.

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			Committee)		
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Revised March 2023