

Training & Experience “Alternate Pathway” for Authorized Users (AU)

Purpose	Uptake, Dilution & Excretion Studies	Imaging & Localization Studies	Use of Unsealed Material Requiring a Written Directive	Oral Administration of ≤33 mCi NaI I-131 Requiring a Written Directive	Oral Administration of >33 mCi NaI I-131 Requiring a Written Directive	Parenteral Administration of Unsealed Material Requiring a Written Directive	Use of Manual Brachytherapy Sources	Ophthalmic Use of Sr-90	Use of Sealed Sources and Medical Devices for Diagnosis	Use of Remote Afterloader, Teletherapy, and GSR Units
Regulation (10 CFR)	35.190	35.290	35.390	35.392	35.394	35.396	35.490	35.491	35.590	35.690
Total Training and Work Experience	60 hours 35.190(c)(1)	700 hours 35.290(c)(1)	700 hours 35.390(b)(1)	-	-	-	-	-	-	-
Classroom & Laboratory Training (Minimum Number of Hours)	8 hours in topics listed in 35.190(c)(1)(i)	80 hours in topics listed in 35.290(c)(1)(i)	200 hours in topics listed in 35.390(b)(1)(i)	80 hours in topics listed in 35.392(c)(1)	80 hours in topics listed in 35.394(c)(1)	80 hours in topics listed in 35.396(b)(1)	200 hours in topics listed in 35.490(b)(1)(i)	24 hours in topics listed in 35.491(b)(1)	8 hours in topics listed in 35.590(c)	200 hours in topics listed in 35.690(b)(1)(i)
Supervised Work Experience	Topics listed in 35.190(c)(1)(ii)	Topics listed in 35.290(c)(1)(ii)	Topics listed in 35.390(b)(1)(ii)	Topics listed in 35.392(c)(2)	Topics listed in 35.394(c)(2)	Topics listed in 35.396(b)(2)	500 hours in topics listed in 35.490(b)(1)(ii) and 3 years of clinical experience in radiation oncology 35.490(b)(2)	Clinical training in topics listed in 35.491(b)(2)	No	500 hours in topics listed in 35.690(b)(1)(ii) , and 3 years of clinical experience in radiation therapy 35.690(b)(2)
Supervised Patient Case Experience	No	No	3 patient cases in each of the categories listed under 35.390(b)(1)(ii)(G)¹	3 patient cases involving the oral administration of 33 mCi or less of NaI I-131 35.392(c)(2)(vi)	3 patient cases involving the oral administration of >33mCi of NaI I-131 35.394(c)(2)(vi)	3 patient cases involving parenteral administrations as specified in 35.390(b)(1)(ii)(G)(3)	No	5 patient cases involving use of Sr-90 for ophthalmic treatment	No	No

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Training in device operation, safety procedures, & clinical use	No	No	No	No	No	No	No	No	Yes 35.590(d)	Yes 35.690(c)
Written Attestation	Required under alternate pathway per 35.190(c)(2)	Required under alternate pathway per 35.290(c)(2)	Required under alternate pathway per 35.390(b)(2)	Required under alternate pathway per 35.392(c)(3)	Required under alternate pathway per 35.394(c)(3)	Required under alternate pathway per 35.396(b)(3)	Required under alternate pathway per 35.490(b)(3)	Required under alternate pathway per 35.491(b)(3)	No	Required under alternate pathway per 35.690(b)(3)

¹ Experience with at least three cases in Category (G)(2) also satisfies the requirement in Category (G)(1).