

RADIATION ONCOLOGY

PREAMBLE

SPECIFIC ELEMENTS

In addition to the common elements, all Radiation Oncology codes include the following specific elements with the exception of Treatment Planning (X310, X311, X312, X313, X322) to which elements A and B do not apply.

- A. Supervising the preparation of the patient and preparing the patient for the procedure(s).
- B. Supervising and/or performing the procedure(s), including application (superficial, interstitial or intracavitary) of the radiation source where appropriate, and including ongoing monitoring and detention during the immediate post-procedure and recovery period.
- C. Making arrangements for any related assessments, procedures or therapy, including obtaining any specimens from the patient and interpretation of any results where appropriate.
- D. Where indicated, making or supervising the making of arrangements for follow-up care and post-procedure monitoring of the patient's condition, including intervening, until the next insured service is provided.
- E. Discussion with and providing advice and information, including prescribing therapy to the patient or the patient's representative(s), whether by telephone or otherwise, on matters related to the service.
- F. Providing premises, equipment, supplies and personnel for the specific elements
 - a. for services not identified with prefix #, for all elements.
 - b. for services identified with prefix #, for any aspect(s) of A, C, D and E that is(are) performed in a place other than the place in which the procedure(s) is performed.

Specific elements for treatment planning

In addition to Specific Elements above, the following specific elements apply to Treatment Planning (X310, X311, X312, X313, X322).

- A. Must include personal preparation of the medical component of the treatment plan and supervision of the radiation treatment planning, including dosage calculation and preparation of any special treatment device.
- B. All subsequent adjustment(s) by any physician to that treatment plan during that complete course of treatment.

OTHER TERMS AND CONDITIONS

- 1. Treatment Planning (X310, X311, X312, X313) for radiotherapy that is rendered in a place other than a Cancer Care Ontario (CCO) Centre or Princess Margaret Hospital (PMH) is an insured service payable at nil.
- 2. X305, X306, X322, X323, X324, X325 and X334 rendered in a place other than an Ontario public hospital, CCO Centre or PMH are insured services payable at nil.
- 3. Any radiation oncology planning or treatment service that is rendered to a patient during a course of treatment for which Treatment Planning (X310, X311, X312, X313) is not eligible for payment.
- 4. X302, X304 may not be claimed by the staff of Cancer Care Ontario or Princess Margaret Hospital.

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RADIOTHERAPY

Fee

RADIATION TREATMENT PLANNING

Treatment levels are defined by National Hospital Productivity Improvement Project (NHPIP) Codes as published in Activity-Based Funding for Radiation Services in Ontario, "Refining the Task Force on Human Resources for Radiation Services' Interim Funding Formula, April 2001" Joint Policy and Planning Committee (JPPC) Report by the sub-committee Radiation Funding Working Group (RFGW).

Level 1 - Simple Treatment Planning

X310 - includes planning that does not meet criteria for X311, X312 & X313. Per patient, per course of treatment 223.40

Level 2 - Intermediate Treatment Planning

- must include one or more of the following treatments and corresponding NHPIP codes

<u>Treatment</u>	<u>NHPIP Code</u>
Any 2, 3 or 4 field cases with contour	103, 104, 110, 111, 170, 215, 381, 382
Any case with contrast media/insertion	150, 151, 152, 160, 161, 191
Any 2, 3 or 4 field cases with 2D computerized dose distribution	310, 311, 312
Any extended SSD cases	120
All cases with standard shielding	220, 230
All cases with simple wax/Pb cut-out	240, 259

X311 Level 2 - per patient, per course of treatment 388.60

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RADIOTHERAPY

Fee

Level 3 - Complex Treatment Planning

- must include one or more of the following treatments and corresponding NHPIP codes

<u>Treatment</u>	<u>NHPIP Code</u>
All 5 and 6 field cases	105, 106, 314
All whole CNS cases	130, 314
4-field conformal distribution	317
5-field non-conformal distribution	318
6-field non-conformal distribution	319
6-field conformal initial calculation	328
6-field non-conformal initial calculation	329
5-field non-conformal initial calculation	335
5-field conformal initial calculation	336
8-field distribution	339
All total/hemi-body planning	350, 360
All cases with CT/MRI scan for treatment planning	370, 371, 372, 373, 382
All cases with custom shielding (e.g. Cerrobend)	224, 225, 231, 232, 234, 242, 313
All cases using manual or automatic compensators	241, 250, 251, 252, 253, 254
All cases with custom immobilization or device	200, 201, 204, 205, 206, 207, 260, 261, 262, 263
X312 Level 3 - per patient, per course of treatment	705.85

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Level 4 - Full 3D Treatment Preparation

- radiation therapy must be oriented in two or more axes and must include one or more of the following treatments and corresponding NHPIP codes

<u>Treatment</u>	<u>NHPIP Code</u>
Full 3D target definition (volumetric imaging), 3D dose computation, 3D plan evaluation	333
Paediatric radiotherapy Stereotactic radiotherapy Total skin electron treatment Total body irradiation Intensity Modulated Radiotherapy (IMRT)	342
X313 Level 4 - per patient, per course of treatment	841.50
# X302 Teleradiotherapy - x-ray, 150 KVP or higher, radium, cobalt, cesium betatron linear accelerator - amount payable per treatment visit	15.90
X304 Minor teleradiotherapy - x-ray, 150 KVP or less - amount payable per treatment visit	11.95
Intracavitary treatment planning for contact x-ray therapy including sigmoidoscopy or proctoscopy	
# X305 - first application.	170.85
# X306 - repeat application	85.50

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RADIUM AND RADIOISOTOPES (SEALED SOURCES)

		Fee
X322	Treatment planning, dosage calculation and preparation of any special treatment device	71.30
	Intracavitary application of radium or sealed sources including dilatation and curettage carried out at the same time as application	
X323	- first application	223.65
X334	- repeat application	111.90
X324	Interstitial application of radium or sealed radioisotope	223.65
# X325	Application of radium or radioisotope plaque or mould	69.80

Note:

X325 may be claimed as an in- or out-patient service. Claims for in-patient services must be in accordance with Other Terms and Definitions - #2 on page C1. If claimed as an out-patient service, allow to all listed physicians. Payment for out-patient services must be made to the registered Department of Radiology, in the case of a hospital, even though there is no technical component listed.

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RADIOISOTOPES (NON-SEALED SOURCES)

Fee

The following benefits include treatment planning, dosage calculation and preparation of materials. Appropriate visit and procedural benefits (e.g. paracentesis) may be claimed in addition. Thyroid benefits (X326, X327, X335) include administration(s) within any three month period.

# X326	Thyroid malignancy	83.25
# X327	Hyperthyroidism	75.90
# X335	Induction of hypothyroidism	75.90
# X336	Prostate malignancy	75.90
# X328	Polycythemia	44.25
# X329	Metastatic disease of bone	68.85
# X330	Ascites and/or pleural effusion(s) due to malignancy.	54.00
# X332	Arthritis - single or multiple site	35.55