

S2 Table. Treatment and planning codes and expenses in 2020 for radiotherapy

Category	Codes	Description	Expense (\$) ^{a)}		
			2016	2020	Δ
2D-RT	HD010	Teletherapy planning, single port (first)	37.0	32.9	-4.07
	HD410	Teletherapy planning, single port (from second, per planning)	19.5	21.0	1.56
	HD011	Teletherapy planning, paralleled opposed ports (first)	38.2	34.3	-3.98
	HD411	Teletherapy planning, paralleled opposed ports (from second, per planning)	19.7	21.7	2.02
	HD012	Teletherapy planning, non-paralleled opposed ports, more than 3 ports (first)	43.7	41.2	-2.49
	HD412	Teletherapy planning, non-paralleled opposed ports, more than 3 ports (from second, per planning)	24.3	25.4	1.08
	HD052	Teletherapy treatment, middle energy (4-9 MeV), single port	39.1	37.9	-1.19
	HD055	Teletherapy treatment, middle energy (4-9 MeV), paralleled opposed ports	20.0	20.2	0.18
	HD053	Teletherapy treatment, high energy (10 MeV~), single port	44.6	42.6	-1.98
	HD056	Teletherapy treatment, high energy (10 MeV~), paralleled opposed ports	22.7	22.4	-0.37
3D-CRT	HD013	Computerized radiotherapy planning, single port (first)	73.4	54.4	-18.95
	HD413	Computerized radiotherapy planning, single port (from second, per planning)	36.5	37.1	0.54
	HD014	Computerized radiotherapy planning, parallel opposed ports (first)	104.8	83.2	-21.61
	HD414	Computerized radiotherapy planning, parallel opposed ports (from second, per planning)	48.0	46.1	-1.93
	HD015	Computerized radiotherapy planning, non-parallel opposed ports, more than 3 ports (first)	154.4	130.4	-24.04
	HD415	Computerized radiotherapy planning, non-parallel opposed ports, more than 3 ports (from second, per planning)	75.6	65.8	-9.81
	HD018	Computerized radiotherapy planning, three-dimensional conformal radiotherapy (first)	327.6	273.1	-54.51
	HD418	Computerized radiotherapy planning, three-dimensional conformal radiotherapy (from second, per planning)	164.3	133.8	-30.46
	HD061	3-dimensional conformal radiotherapy	152.7	137.4	-15.25

IMRT	HD041	Computerized radiotherapy planning, intensity-modulated radiotherapy planning (first)	934.9	1,085.5	150.53
	HD441	Computerized radiotherapy planning, intensity-modulated radiotherapy planning (from second, per planning)	467.5	542.7	75.27
	HZ271	Intensity-modulated radiotherapy	298.0	314.5	16.53
PBT	HD020	Computerized radiotherapy planning, proton therapy planning (first)	3,384.4	3,572.1	187.69
	HD420	Computerized radiotherapy planning, proton therapy planning (from second, per planning)	1,692.2	1,786.0	93.85
	HD121	Proton therapy	463.1	481.7	18.58
TBI/TLI/TSI	HD091	Total body irradiation	308.8	306.2	-2.60
	HD092	Total lymph node irradiation	105.7	99.7	-6.05
	HD093	Total skin electron beam therapy	359.0	310.8	-48.18
SRS/SBRT	HD019	Computerized radiotherapy planning, stereotactic radiosurgery, and radiotherapy (first)	395.5	297.1	-98.36
	HD419	Computerized radiotherapy planning, stereotactic radiosurgery, and radiotherapy (from second, per planning)	169.0	147.0	-21.94
	HD110	Cranial fractionated stereotactic radiotherapy (per fraction, within 4 fractions)	487.2	436.5	-50.77
	HD111	Body fractionated stereotactic radiotherapy, linear accelerator (per fraction, within 4 fractions)	481.1	601.7	120.68
	HD112	Body stereotactic radiosurgery, linear accelerator (single fraction)	1,102.5	2,015.5	912.99
	HD211	Body fractionated stereotactic radiotherapy, cyber knife (per fraction, within 4 fractions)	460.8	601.7	140.98
	HD212	Body stereotactic radiosurgery, cyber knife (single fraction)	1,582.2	2015.5	433.24
	HD114	Cranial stereotactic radiosurgery, cyber knife (single fraction)	3,547.3	3,004.7	-542.62
	HD115	Cranial stereotactic radiosurgery, linear accelerator (single fraction)	2,952.5	2,501.1	-451.41

2D-RT, two-dimensional radiotherapy or teletherapy; 3D-CRT, three-dimensional conformal radiotherapy; IMRT, intensity-modulated radiotherapy; PBT, proton beam therapy; SBRT, stereotactic body radiotherapy; SRS, stereotactic radiosurgery; TBI, total body irradiation; TLI, total lymph node irradiation; TSI, total skin irradiation. ^{a)}The expense was the health insurance reimbursement from National Health Insurance Service of South Korea in 2016 and 2020.