

Supplementary File

Table S1. Radiotherapy characteristics of studies included in the meta-analysis.

Author [ref]	RT	Machine	Treatment simulation	Elective neck irradiation	PTV margins	Fields	IGRT
Paris et al. [16]	2D	CO60/LA 6Mev	Plannar film	No	1–2 cm	Parallell oposed	No
Minatel et al. [17]	2D	LA 6Mev	Plannar film	No		Parallell oposed	No
Mohanti et al. [18]	2D	CO60/LA 6Mev	CT	Yes	1 cm	Parallell oposed	No
Ghoshal et al. [19]	2D	NR	NR	NR	NR	NR	No
Corry et al. [20]	3D	NR	CT	No	1 cm	Parallell oposed	No
Porceddu et al. [21]	3D	NR	CT	Yes	1.5–2 cm	Parallell oposed	No
Argarwal et al. [22]	2d	LA 6Mev	Plannar film	No	1–2 cm	Parallell oposed	No
Al-mamgani et al. [23]	2d	LA 6Mev	Plannar film	Yes	1 cm	Parallell oposed	No
Siddiqui et al. [24]	SBRT		CT + MRI	No	0	Multiple fields	Yes
Ali et al. [25]	2d	LA 6Mev	NR	No	1–1.5 cm	Parallell oposed	No
Kancherla et al. [26]	3D	LA 6Mev	CT	No	1–2 cm	Parallell oposed	No
Stevens et al. [27]	3D/IMRT	LA 6Mev	CT	NR	NR	Multiple fieelds	No

Author [ref]	RT	Machine	Treatment simulation	Elective neck irradiation	PTV margins	Fields	IGRT
Paliwal et al. [28]	2D	CO 60	Plannar film	NR	NR	Parallell oposed	No
Kawaguchi et al. [29]	SBRT	Cyberknife	CT + MRI + PET	No	NR	Multiple fields	Yes
Das et al. [30]	2D	CO 60	Plannar film	No	2 cm	Parallell oposed	No
Lok et al. [31]	3D/IMRT	LA 6Mev	CT	No	0.5–1 cm	Multiple fields/parallell oposed	No
Nguyen et al. [32]	3D/IMRT	LA 6Mev	CT	Yes	0.5–1 cm	Multiple fields/parallell oposed	No
Kumar et al. [33]	2D	LA 6Mev	CT	Yes	NR	Parallell oposed	No
Khan et al. [34]	SBRT	LA 6Mev	CT	Yes	0.2–0.3 cm	Multiple fields	Yes
Straube et al. [35]	IMRT	LA 6Mev	CT + MRI	No	1–1.5 cm	Multiple fields	Yes
Fortin et al. [36]	IMRT	LA 6Mev	CT	No	0.5 cm	Multiple fields	No
Murthy et al. [37]	2D	CO 60	Plannar film	No	1.5–2 cm	Parallell oposed	No
Bledsoe et al. [38]	3D/IMRT	NR	NR	NR	NR	NR	NR
Gamez et al. [39]	3D/IMRT	LA 6Mev	CT	No	0.5–1 cm	Multiple fields/parallell oposed	No

Author [ref]	RT	Machine	Treatment simulation	Elective neck irradiation	PTV margins	Fields	IGRT
Mudgal et al. [40]	2D	CO 60	Plannar film	No	2 cm	Parallell oposed	No
Choudhary et al. 1 [41]	2D	CO 60	Plannar film	Yes	1 cm	Parallell oposed	No
Choudhary et al. 2 [41]	2D	CO 60	Plannar film	Yes	1 cm	Parallell oposed	No
Al-mamgani et al. 1 [42]	IMRT	LA 6Mev	CT + MRI + PET	No	1–1.5 cm	Multiple fields	No
Al-mamgani et al. 2 [42]	IMRT	LA 6Mev	CT + MRI + PET	No	1–1.5 cm	Multiple fields	No
Toya t al [43]	IMRT	LA 6Mev	CT + MRI + PET	No	1 cm	Multiple fields	Yes

2D — conventional; 3D-RT — conformational; IMRT — intensity-modulated radiotherapy; CO60 — cobalt; LA — linear accelerator; PTV — planning target volume; IGRT — image-guided radiotherapy; CT — computed tomography; MRI — magnetic resonance imaging; PET — positron emission tomography