

References

Y-5048

1. Shinohara E, Whaley JT. Radiation therapy: which type is right for me? University of Pennsylvania. OncoLink site. Reviewed March 3, 2020. https://www.oncolink.org/print/pdf/5965?print_5965.pdf. Accessed June 5, 2022.
2. American Society of Clinical Oncology. Cancer.Net site. Head and neck cancer: statistics. February 2022. <https://www.cancer.net/cancer-types/head-and-neck-cancer/statistics>. Accessed June 5, 2022.
3. Du T, Xiao J, Qiu Z, et al. The effectiveness of intensity-modulated radiation therapy versus 2D-RT for the treatment of nasopharyngeal carcinoma: A systematic review and meta-analysis. *PLoS One*. 2019; 14(7): e0219611. PMID 31291379
4. Luo MS, Huang GJ, Liu HB. Oncologic outcomes of IMRT versus CRT for nasopharyngeal carcinoma: A meta-analysis. *Medicine (Baltimore)*. Jun 2019; 98(24): e15951. PMID 31192932
5. Marta GN, Silva V, de Andrade Carvalho H, et al. Intensity-modulated radiation therapy for head and neck cancer: systematic review and meta-analysis. *Radiother Oncol*. Jan 2014; 110(1): 9-15. PMID 24332675
6. Kam MK, Leung SF, Zee B, et al. Prospective randomized study of intensity-modulated radiotherapy on salivary gland function in early-stage nasopharyngeal carcinoma patients. *J Clin Oncol*. Nov 01 2007; 25(31): 4873-9. PMID 17971582
7. Lai SZ, Li WF, Chen L, et al. How does intensity-modulated radiotherapy versus conventional two-dimensional radiotherapy influence the treatment results in nasopharyngeal carcinoma patients?. *Int J Radiat Oncol Biol Phys*. Jul 01 2011; 80(3): 661-8. PMID 20643517
8. Peng G, Wang T, Yang KY, et al. A prospective, randomized study comparing outcomes and toxicities of intensity-modulated radiotherapy vs. conventional two-dimensional radiotherapy for the treatment of nasopharyngeal carcinoma. *Radiother Oncol*. Sep 2012; 104(3): 286-93. PMID 22995588
9. Zhou GQ, Yu XL, Chen M, et al. Radiation-induced temporal lobe injury for nasopharyngeal carcinoma: a comparison of intensity-modulated radiotherapy and conventional two-dimensional radiotherapy. *PLoS One*. 2013; 8(7): e67488. PMID 23874422
10. Moon SH, Cho KH, Lee CG, et al. IMRT vs. 2D-radiotherapy or 3D-conformal radiotherapy of nasopharyngeal carcinoma : Survival outcome in a Korean multi-institutional retrospective study (KROG 11-06). *Strahlenther Onkol*. Jun 2016; 192(6): 377-85. PMID 26972085

11. Zhang MX, Li J, Shen GP, et al. Intensity-modulated radiotherapy prolongs the survival of patients with nasopharyngeal carcinoma compared with conventional two-dimensional radiotherapy: A 10-year experience with a large cohort and long follow-up. *Eur J Cancer*. Nov 2015; 51(17): 2587-95. PMID 26318726
12. Qiu WZ, Peng XS, Xia HQ, et al. A retrospective study comparing the outcomes and toxicities of intensity-modulated radiotherapy versus two-dimensional conventional radiotherapy for the treatment of children and adolescent nasopharyngeal carcinoma. *J Cancer Res Clin Oncol*. Aug 2017; 143(8): 1563-1572. PMID 28342002
13. Tang LL, Chen L, Mao YP, et al. Comparison of the treatment outcomes of intensity-modulated radiotherapy and two-dimensional conventional radiotherapy in nasopharyngeal carcinoma patients with parapharyngeal space extension. *Radiother Oncol*. Aug 2015; 116(2): 167-73. PMID 26316395
14. Lee AW, Ng WT, Chan LL, et al. Evolution of treatment for nasopharyngeal cancer--success and setback in the intensity-modulated radiotherapy era. *Radiother Oncol*. Mar 2014; 110(3): 377-84. PMID 24630534
15. Zhong H, Chen G, Lin D, et al. [Comparison of side effects of intensity modulated radiotherapy and conventional radiotherapy in 69 cases with nasopharyngeal carcinoma]. *Lin Chung Er Bi Yan Hou Tou Jing Wai Ke Za Zhi*. May 2013; 27(9): 462-4. PMID 23898610
16. OuYang PY, Shi D, Sun R, et al. Effect of intensity-modulated radiotherapy versus two-dimensional conventional radiotherapy alone in nasopharyngeal carcinoma. *Oncotarget*. May 31 2016; 7(22): 33408-17. PMID 27058901
17. Jiang H, Wang G, Song H, et al. Analysis of the efficacy of intensity-modulated radiotherapy and two-dimensional conventional radiotherapy in nasopharyngeal carcinoma with involvement of the cervical spine. *Oncol Lett*. Nov 2015; 10(5): 2731-2738. PMID 26722233
18. Fang FM, Chien CY, Tsai WL, et al. Quality of life and survival outcome for patients with nasopharyngeal carcinoma receiving three-dimensional conformal radiotherapy vs. intensity-modulated radiotherapy-a longitudinal study. *Int J Radiat Oncol Biol Phys*. Oct 01 2008; 72(2): 356-64. PMID 18355980
19. Kuang WL, Zhou Q, Shen LF. Outcomes and prognostic factors of conformal radiotherapy versus intensity-modulated radiotherapy for nasopharyngeal carcinoma. *Clin Transl Oncol*. Oct 2012; 14(10): 783-90. PMID 22855156
20. Huang HI, Chan KT, Shu CH, et al. T4-locally advanced nasopharyngeal carcinoma: prognostic influence of cranial nerve involvement in different radiotherapy techniques. *ScientificWorldJournal*. 2013; 2013: 439073. PMID 24385882
21. Chen C, Yi W, Gao J, et al. Alternative endpoints to the 5-year overall survival and locoregional control for nasopharyngeal carcinoma: A retrospective

- analysis of 2,450 patients. *Mol Clin Oncol*. May 2014; 2(3): 385-392. PMID 24772305
22. Zou X, Han F, Ma WJ, et al. Salvage endoscopic nasopharyngectomy and intensity-modulated radiotherapy versus conventional radiotherapy in treating locally recurrent nasopharyngeal carcinoma. *Head Neck*. Aug 2015; 37(8): 1108-15. PMID 24764204
 23. Bisof V, Rakusic Z, Bibic J, et al. Comparison of intensity modulated radiotherapy with simultaneous integrated boost (IMRT-SIB) and a 3-dimensional conformal parotid gland-sparing radiotherapy (ConPas 3D-CRT) in treatment of nasopharyngeal carcinoma: a mono-institutional experience. *Radiol Med*. Mar 2018; 123(3): 217-226. PMID 29094268
 24. Pow EH, Kwong DL, McMillan AS, et al. Xerostomia and quality of life after intensity-modulated radiotherapy vs. conventional radiotherapy for early-stage nasopharyngeal carcinoma: initial report on a randomized controlled clinical trial. *Int J Radiat Oncol Biol Phys*. Nov 15 2006; 66(4): 981-91. PMID 17145528
 25. Nutting CM, Morden JP, Harrington KJ, et al. Parotid-sparing intensity modulated versus conventional radiotherapy in head and neck cancer (PARSPORT): a phase 3 multicentre randomised controlled trial. *Lancet Oncol*. Feb 2011; 12(2): 127-36. PMID 21236730
 26. Gupta T, Jain S, Agarwal JP, et al. Prospective assessment of patterns of failure after high-precision definitive (chemo)radiation in head-and-neck squamous cell carcinoma. *Int J Radiat Oncol Biol Phys*. Jun 01 2011; 80(2): 522-31. PMID 20646862
 27. Gupta T, Agarwal J, Jain S, et al. Three-dimensional conformal radiotherapy (3D-CRT) versus intensity modulated radiation therapy (IMRT) in squamous cell carcinoma of the head and neck: a randomized controlled trial. *Radiother Oncol*. Sep 2012; 104(3): 343-8. PMID 22853852
 28. Ursino S, D'Angelo E, Mazzola R, et al. A comparison of swallowing dysfunction after three-dimensional conformal and intensity-modulated radiotherapy : A systematic review by the Italian Head and Neck Radiotherapy Study Group. *Strahlenther Onkol*. Nov 2017; 193(11): 877-889. PMID 28616822
 29. Ge X, Liao Z, Yuan J, et al. Radiotherapy-related quality of life in patients with head and neck cancers: a meta-analysis. *Support Care Cancer*. Jun 2020; 28(6): 2701-2712. PMID 31673782
 30. Tandon S, Gairola M, Ahlawat P, et al. Randomized controlled study comparing simultaneous modulated accelerated radiotherapy versus simultaneous integrated boost intensity modulated radiotherapy in the treatment of locally advanced head and neck cancer. *J Egypt Natl Canc Inst*. Sep 2018; 30(3): 107-115. PMID 29960876

31. Huang TL, Chien CY, Tsai WL, et al. Long-term late toxicities and quality of life for survivors of nasopharyngeal carcinoma treated with intensity-modulated radiotherapy versus non-intensity-modulated radiotherapy. *Head Neck*. Apr 2016; 38 Suppl 1: E1026-32. PMID 26041548
32. American Thyroid Association. Anaplastic thyroid cancer. <https://www.thyroid.org/anaplastic-thyroid-cancer/>. Accessed June 5, 2022.
33. Bhatia A, Rao A, Ang KK, et al. Anaplastic thyroid cancer: Clinical outcomes with conformal radiotherapy. *Head Neck*. Jul 2010; 32(7): 829-36. PMID 19885924
34. Schwartz DL, Lobo MJ, Ang KK, et al. Postoperative external beam radiotherapy for differentiated thyroid cancer: outcomes and morbidity with conformal treatment. *Int J Radiat Oncol Biol Phys*. Jul 15 2009; 74(4): 1083-91. PMID 19095376
35. National Comprehensive Cancer Network (NCCN). NCCN Clinical practice guidelines in oncology: Head and Neck Cancers. Version 2.2022. Updated April 26, 2022. https://www.nccn.org/professionals/physician_gls/pdf/head-and-neck.pdf Accessed June 5, 2022.
36. National Comprehensive Cancer Network (NCCN). NCCN Clinical practice guidelines in oncology: Thyroid Carcinoma. Version 2.2022. Updated May 5, 2022. https://www.nccn.org/professionals/physician_gls/pdf/thyroid.pdf. Accessed June 5, 2022.
37. Bible KC, Kebebew E, Brierley J, et al. 2021 American Thyroid Association Guidelines for Management of Patients with Anaplastic Thyroid Cancer. *Thyroid*. Mar 2021; 31(3): 337-386. PMID 33728999.