We continue Head and Neck month with the Larynx and Hypopharynx. We’ll spend most of the time talking about larynx, but definitely don’t forget about the hypopharynx. Here’s a brief outline of the recommended reading:

* For early-stage laryngeal disease, Yamazaki provides the rationale for one of the more common fractionation schemes: 2.25 Gy/day. Dr. Le at UCSF provides more evidence for this (and a helpful overview of all the different ways you could treat early-stage disease). The Fins show us how surgery and RT stack up from both QOL and oncologic outcome standpoints.
* For locally-advanced laryngeal disease, we have two huge landmark trials: the VA larynx—which compares Total Laryngectomy with (an attempt) at Larynx Preservation—and RTOG 9111—which guides the use and timing of chemotherapy in larynx preservation. As a bonus, see the excellent [Beitler commentary](https://www.redjournal.org/article/S0360-3016(18)30531-5/fulltext) to hear a more updated discussion of the topic (9111 and VA are like 20 and 30 years old, respectively) ... it’s pretty quick too, probably less than a 10-minute read.
* Moving the hypopharynx, look to Dr. Amdur’s study (UF) for early-stage disease and EORTC 24891 (basically VA Larynx study for hypopharynx)

As always, you are in charge of your own studying: this is merely a guide. Other helpful resources are, of course, ECRO (ch. 14), [NCCN](https://www.nccn.org/professionals/physician_gls/pdf/head-and-neck.pdf), and [RadOncReview](https://docs.google.com/document/d/1STZuiggtbkDIuuNMpDVSsqT2KMyp1017y8qV5Gz_GGc/edit?pli=1#heading=h.gwhrxknqfe5s).

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Larynx and Hypopharynx

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Early stage larynx

1. [Yamazaki](https://doi.org/10.1016/j.ijrobp.2005.06.014): {Standard Fx} v {mild hypofx}

2. [UCSF Le](https://doi.org/10.1016/S0360-3016(97)00284-8): Various fractionations compared

3. [Finland](https://pubmed.ncbi.nlm.nih.gov/35164976/): Sx v RT

Advanced stage larynx

4. [VA larynx](https://doi.org/10.1001/archotol.124.9.964): {TL/PORT} v {IChemo->RT (Lx preservation}

4a. [VA QOL](https://jamanetwork.com/journals/jamaotolaryngology/fullarticle/647797): QOL

5. [RTOG 9111](https://doi.org/10.1200%2FJCO.2012.43.6097): {RT} v {ICRT} v {CCRT}

6. [ASCO guidelines](https://pubmed.ncbi.nlm.nih.gov/29172863/): Larynx preservation

Hypopharynx

7. [Amdur](https://pubmed.ncbi.nlm.nih.gov/11295808/): RT for early stage HPx

8. [EORTC 24891](https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3457747/): {TL/PORT} v {IChemo->RT (HPx preservation}

*Changelog:*

*- added Finland: outcomes and tox comparison of surgery and RT*

*- added VA QOL: QOL from the VA larynx study*

*- EORTC 24891: addresses advanced hypopharynx.*